

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040419\
 Data File : BG040371.D
 Acq On : 4 Apr 2019 22:39
 Operator : JU/SJ
 Sample : PB118527BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Manual Integrations
 APPROVED

Sohil
 4/5/2019 12:25:03 PM

Quant Time: Apr 05 03:10:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	81340	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	339562	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	212774	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	517005	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	533850	20.00	ng	-0.03
87) Perylene-d12	24.98	264	523823	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	382945	78.27	ng	-0.02
7) Phenol-d6	7.20	99	545765	80.71	ng	-0.02
23) Nitrobenzene-d5	9.22	82	508929	79.67	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	208977	90.88	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1142690	79.58	ng	-0.02
79) Terphenyl-d14	20.02	244	1856263	78.22	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	89056	38.708	ng	98
3) Pyridine	3.90	79	247739	39.993	ng	99
4) n-Nitrosodimethylamine	3.82	42	112483	39.255	ng	# 84
6) Aniline	7.37	93	350282	39.871	ng	97
8) 2-Chlorophenol	7.61	128	227249	39.676	ng	97
9) Benzaldehyde	7.19	77	142658	30.756	ng	97
10) Phenol	7.23	94	303583	41.362	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	232267	39.510	ng	98
12) 1,3-Dichlorobenzene	7.93	146	250985	40.311	ng	99
13) 1,4-Dichlorobenzene	8.08	146	252419	40.705	ng	99
14) 1,2-Dichlorobenzene	8.40	146	238662	40.245	ng	99
15) Benzyl Alcohol	8.29	79	214818	39.447	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	427817	37.920	ng	98
17) 2-Methylphenol	8.48	107	205677	40.497	ng	98
18) Hexachloroethane	9.12	117	90954	38.559	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	188515	38.883	ng	96
20) 3+4-Methylphenols	8.81	107	288500	41.931	ng	99
22) Acetophenone	8.88	105	361886	42.724	ng	# 97
24) Nitrobenzene	9.27	77	273375	41.325	ng	99
25) Isophorone	9.78	82	535448	40.736	ng	98
26) 2-Nitrophenol	9.98	139	134444	42.890	ng	98
27) 2,4-Dimethylphenol	10.02	122	218547	43.893	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	316415	40.688	ng	100
29) 2,4-Dichlorophenol	10.51	162	232603	43.039	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	253860	42.778	ng	97
31) Naphthalene	10.91	128	735524	42.259	ng	99
32) Benzoic acid	10.18	122	114690	38.124	ng	88
33) 4-Chloroaniline	11.03	127	323470	43.570	ng	98
34) Hexachlorobutadiene	11.17	225	155763	41.041	ng	94
35) Caprolactam	11.82	113	89233m	41.606	ng	
36) 4-Chloro-3-methylphenol	12.14	107	269944	43.448	ng	100
37) 2-Methylnaphthalene	12.51	142	552311	42.906	ng	99
38) 1-Methylnaphthalene	12.73	142	520902	41.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	281563	41.635	ng	99

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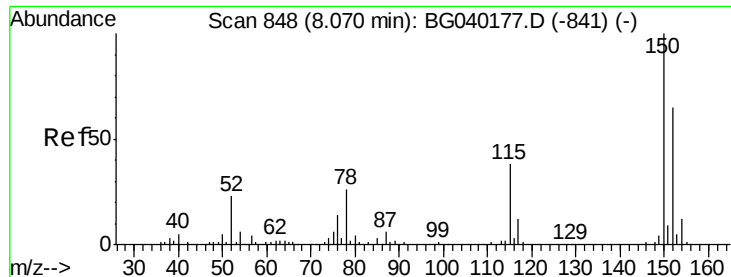
Manual Integrations
 APPROVED

Sohil
 4/5/2019 12:25:03 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	316047	85.114	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	192163	44.073	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	209509	44.085	ng	97
46) 1,1'-Biphenyl	13.51	154	696115	41.406	ng	99
47) 2-Chloronaphthalene	13.56	162	542320	42.054	ng	99
48) 2-Nitroaniline	13.77	65	181591	41.746	ng	98
49) Acenaphthylene	14.41	152	880031	40.249	ng	99
50) Dimethylphthalate	14.13	163	701140	42.104	ng	99
51) 2,6-Dinitrotoluene	14.27	165	161250	43.125	ng	94
52) Acenaphthene	14.75	154	522681	41.719	ng	97
53) 3-Nitroaniline	14.60	138	170334	43.036	ng	99
54) 2,4-Dinitrophenol	14.81	184	190551	95.825	ng	88
55) Dibenzofuran	15.08	168	843417	41.895	ng	99
56) 4-Nitrophenol	14.90	139	269533	84.377	ng	97
57) 2,4-Dinitrotoluene	15.05	165	230567	44.378	ng	98
58) Fluorene	15.72	166	665435	42.042	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	190067	44.073	ng	99
60) Diethylphthalate	15.48	149	723484	42.457	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	365095	43.153	ng	97
62) 4-Nitroaniline	15.76	138	189965	44.724	ng	99
63) Azobenzene	16.00	77	669375	41.645	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	144973	49.911	ng	100
66) n-Nitrosodiphenylamine	15.93	169	625661	41.355	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	239917	41.236	ng	98
68) Hexachlorobenzene	16.72	284	245506	41.968	ng	98
69) Atrazine	16.87	200	133073	23.645	ng	97
70) Pentachlorophenol	17.07	266	273232	80.789	ng	96
71) Phenanthrene	17.47	178	1112763	40.948	ng	99
72) Anthracene	17.56	178	1141200	41.956	ng	99
73) Carbazole	17.83	167	1078708	41.906	ng	99
74) Di-n-butylphthalate	18.36	149	1267362	41.536	ng	99
75) Fluoranthene	19.47	202	1384040	43.012	ng	98
77) Benzidine	19.66	184	1006746	52.223	ng	99
78) Pyrene	19.84	202	1375640	39.185	ng	97
80) Butylbenzylphthalate	20.70	149	629863	41.928	ng	96
81) Benzo(a)anthracene	21.68	228	1366856	41.568	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	534619	42.740	ng	98
83) Chrysene	21.74	228	1287869	40.753	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	880721	41.013	ng	99
85) Di-n-octyl phthalate	22.77	149	1528871	41.787	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1665045	43.079	ng	# 91
88) Benzo(b)fluoranthene	23.93	252	1422009	44.340	ng	98
89) Benzo(k)fluoranthene	24.00	252	1386919	47.026	ng	98
90) Benzo(a)pyrene	24.82	252	1406549	46.744	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	1340035	47.950	ng	97
92) Benzo(g,h,i)perylene	29.93	276	1383102	48.157	ng	98

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



#1

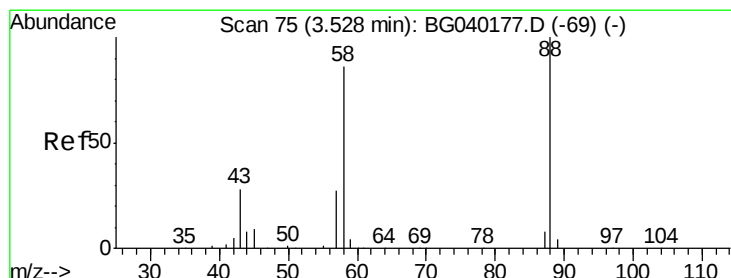
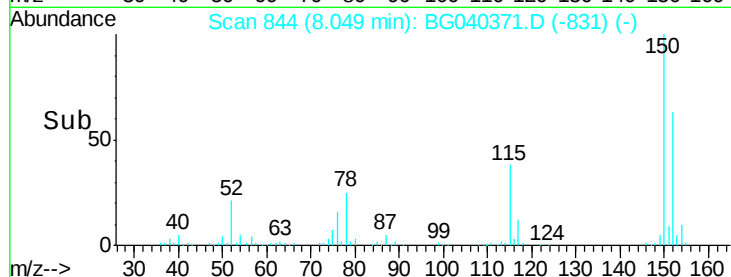
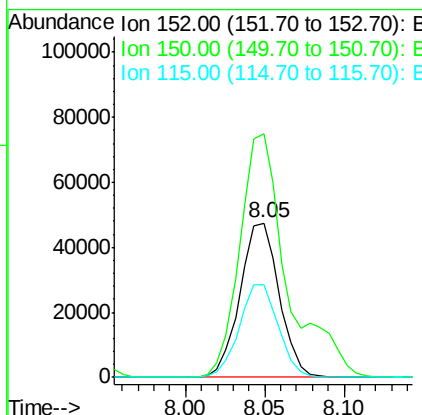
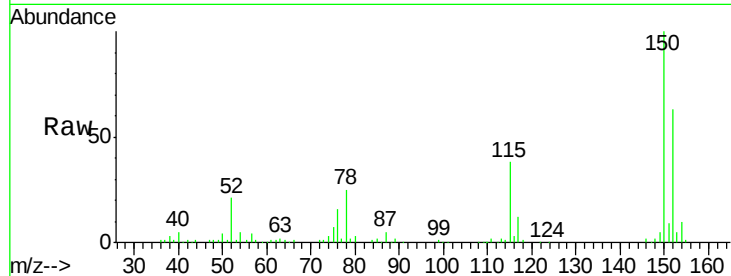
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.7	185.5
115	60.1	46.9	70.3

Manual Integrations
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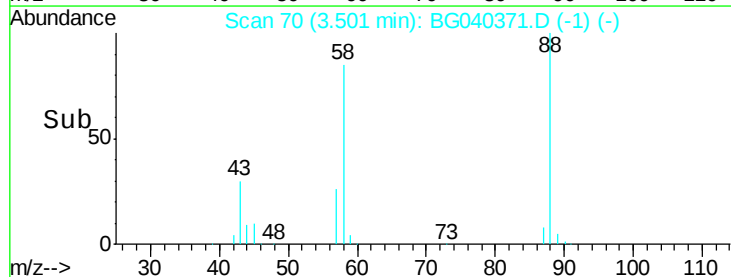
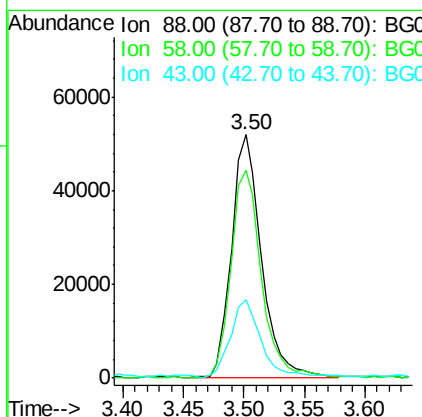
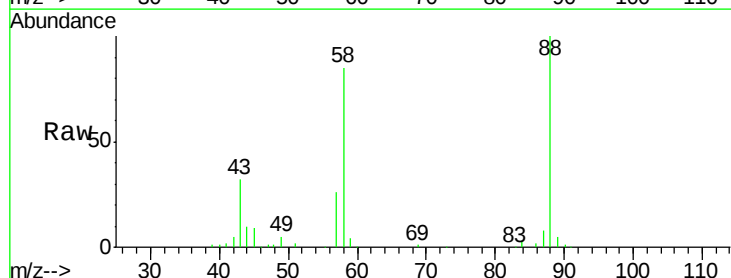
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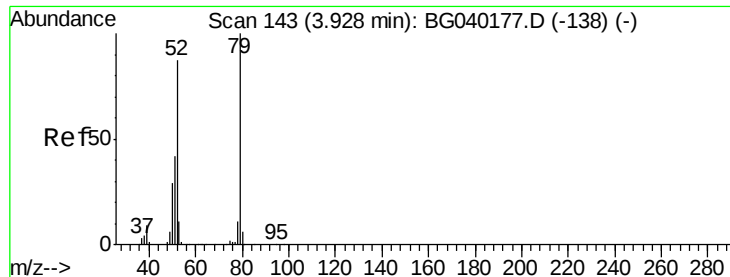


#2

1,4-Dioxane
Concen: 38.708 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	70.6	106.0
43	34.5	24.8	37.2





#3

Pyridine

Concen: 39.993 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

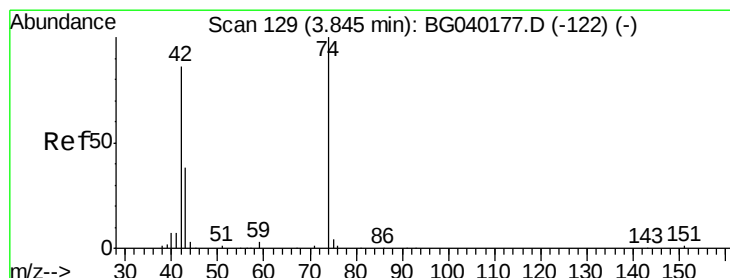
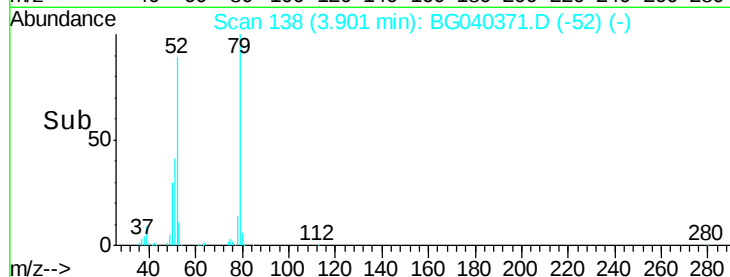
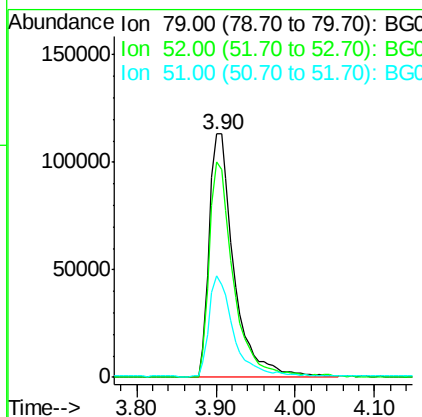
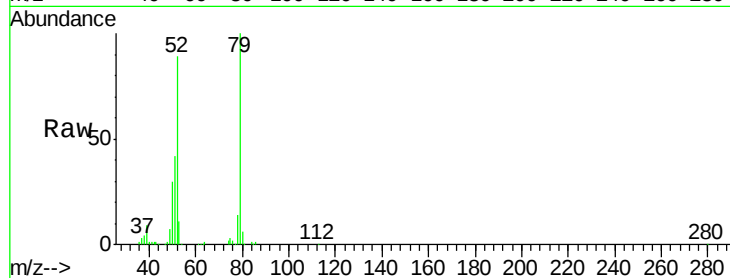
ClientSampleId :

PB118527BSD

Tgt Ion:	79	Resp:	247739
Ion	Ratio	Lower	Upper
79	100		
52	88.5	69.8	104.8
51	41.9	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 39.255 ng

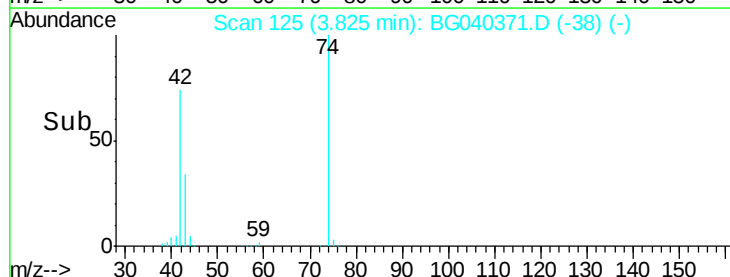
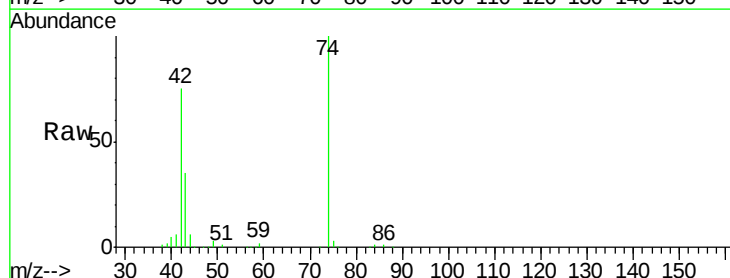
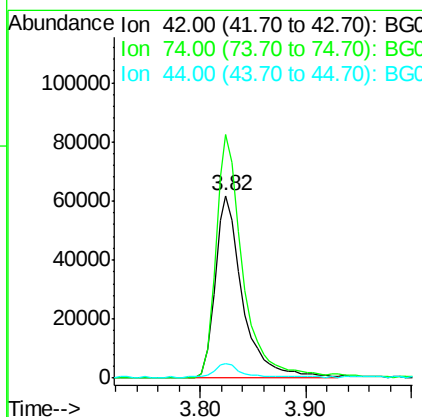
RT: 3.82 min Scan# 125

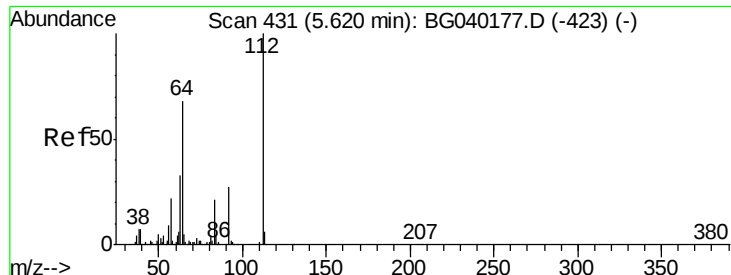
Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:	42	Resp:	112483
Ion	Ratio	Lower	Upper
42	100		
74	133.6	92.9	139.3
44	7.8	9.7	14.5#





#5

2-Fluorophenol

Concen: 78.266 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

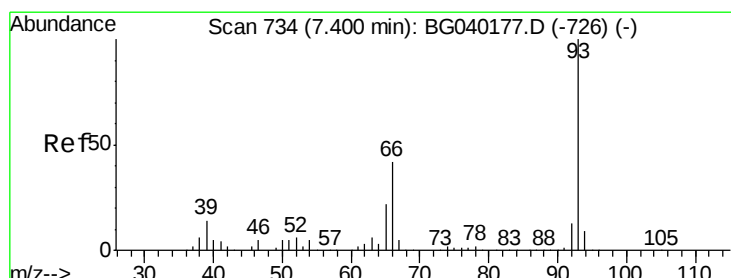
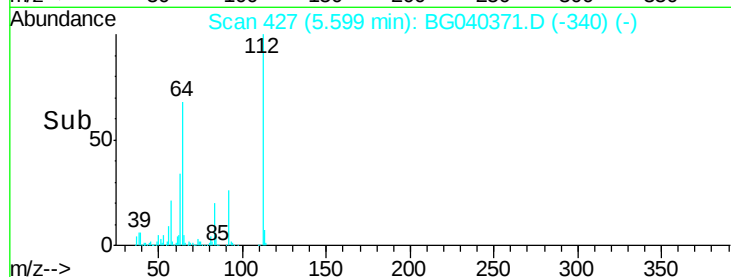
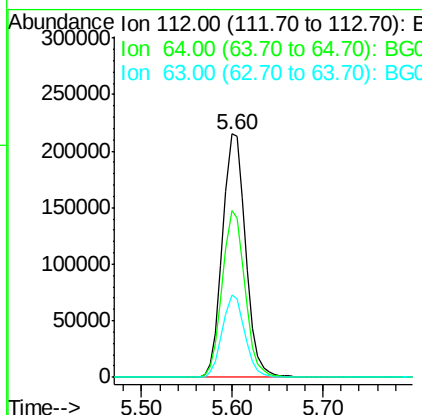
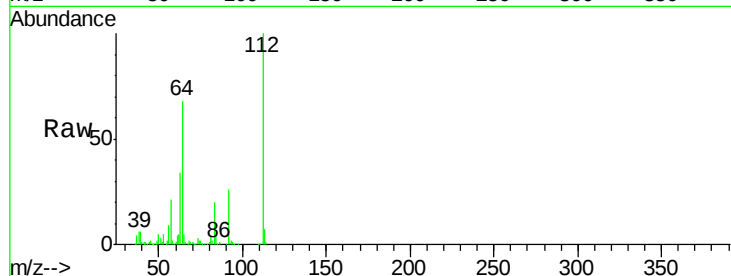
ClientSampleId :

PB118527BSD

Tgt Ion:	112	Resp:	382945
Ion Ratio	Lower	Upper	
112	100		
64	68.4	54.2	81.2
63	33.6	26.4	39.6

Manual Integrations
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#6

Aniline

Concen: 39.871 ng

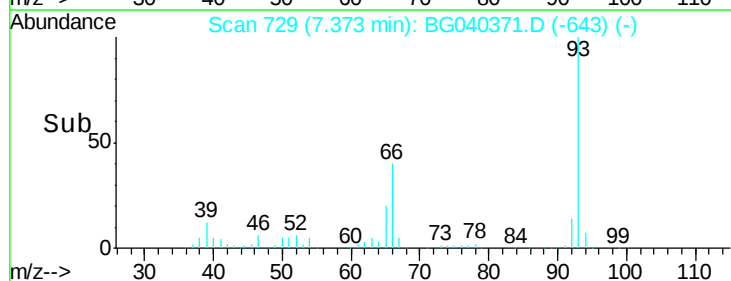
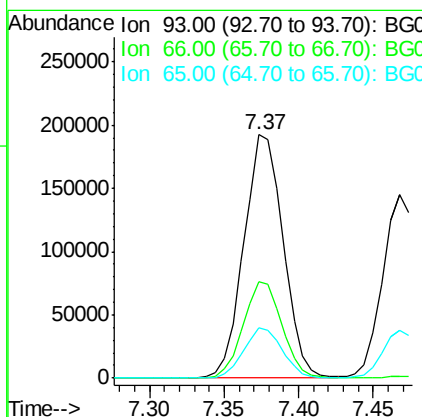
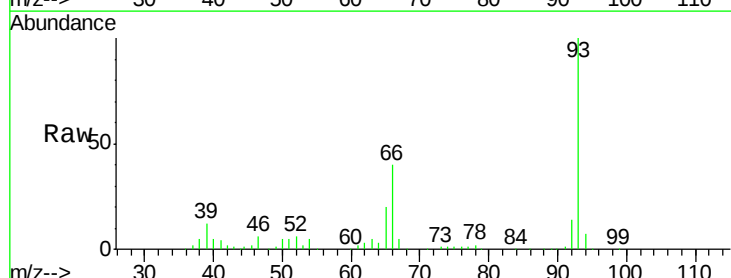
RT: 7.37 min Scan# 729

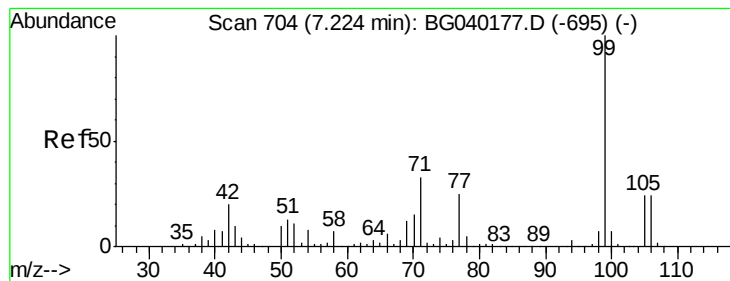
Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:	93	Resp:	350282
Ion Ratio	Lower	Upper	
93	100		
66	39.7	33.6	50.4
65	20.4	17.4	26.2





#7

Phenol-d6

Concen: 80.710 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

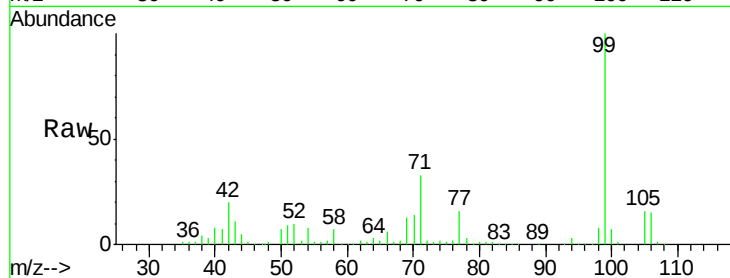
ClientSampleId :

PB118527BSD

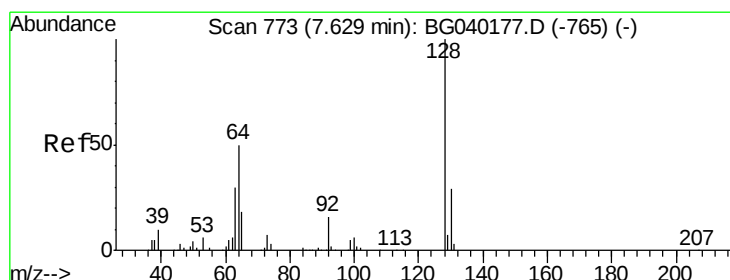
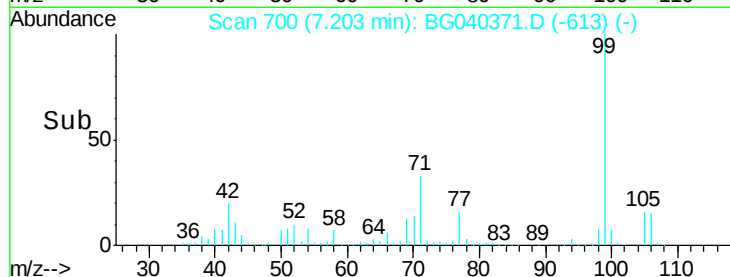
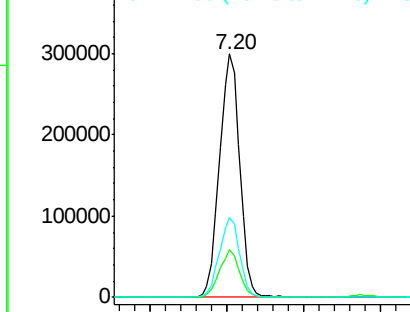
Tgt Ion	Ratio	Resp	Lower	Upper
99	100	545765		
42	19.7	16.2	24.2	
71	32.5	26.8	40.2	

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.676 ng

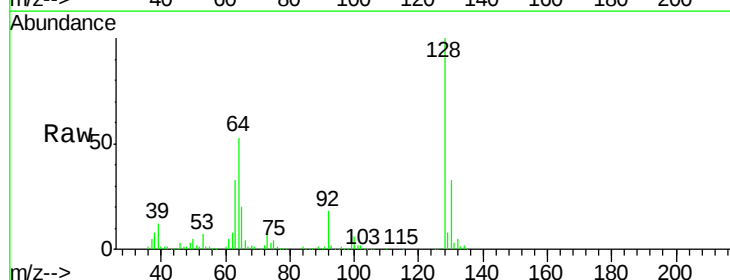
RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

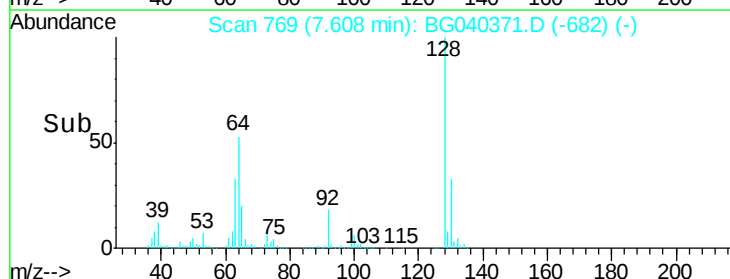
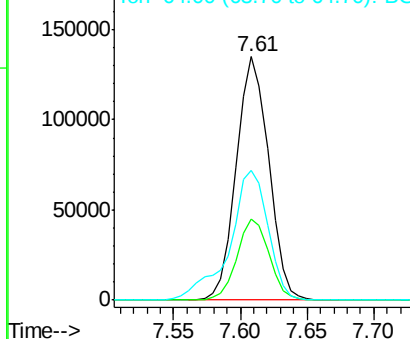
Lab File: BG040371.D

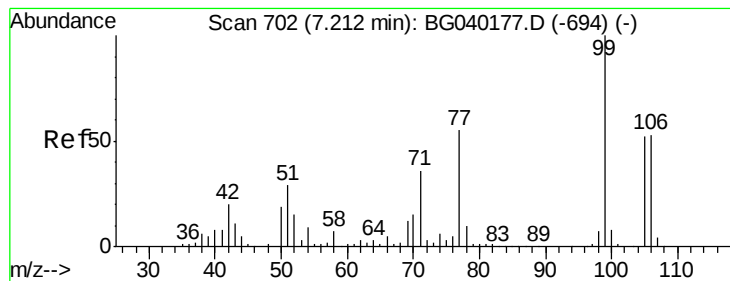
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	227249		
130	33.1	9.1	49.1	
64	53.0	33.1	73.1	



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 30.756 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion: 77 Resp: 142658

Ion Ratio Lower Upper

77 100

105 98.4 75.0 115.0

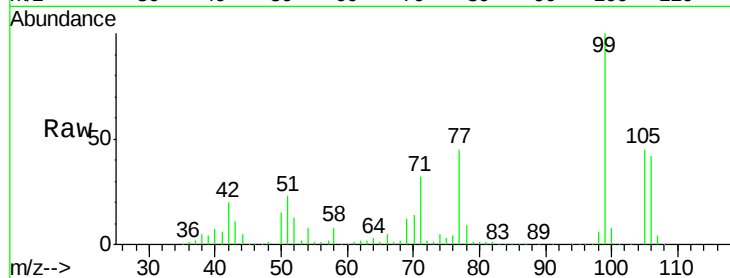
106 93.3 75.7 115.7

Manual Integrations

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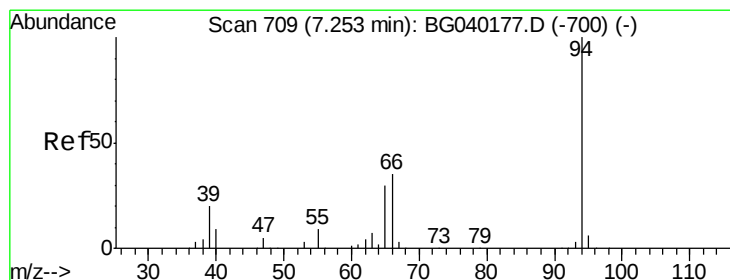
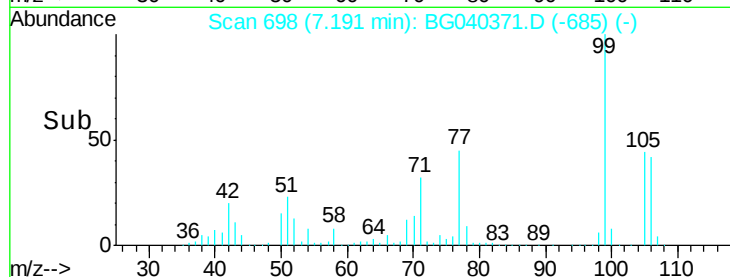
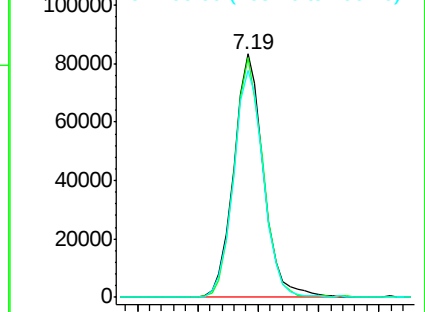
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.362 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

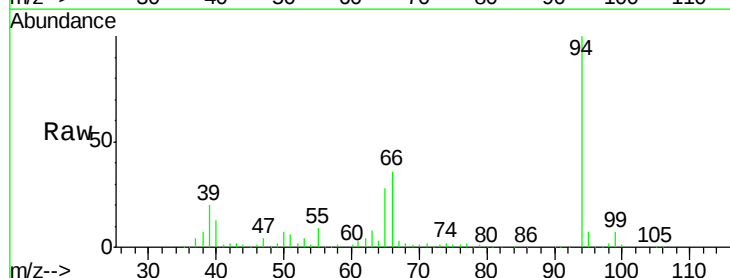
Tgt Ion: 94 Resp: 303583

Ion Ratio Lower Upper

94 100

65 27.6 10.5 50.5

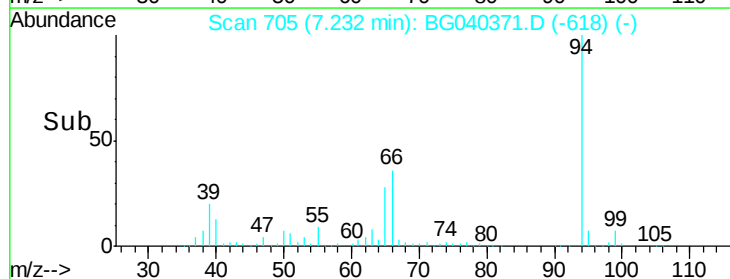
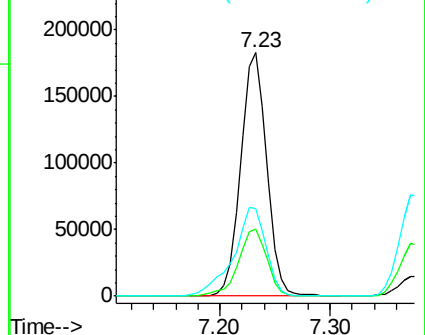
66 36.1 16.9 56.9

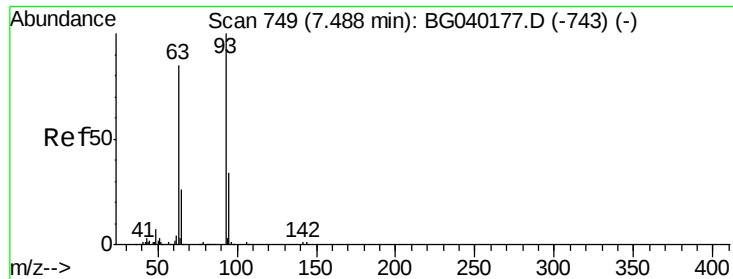


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





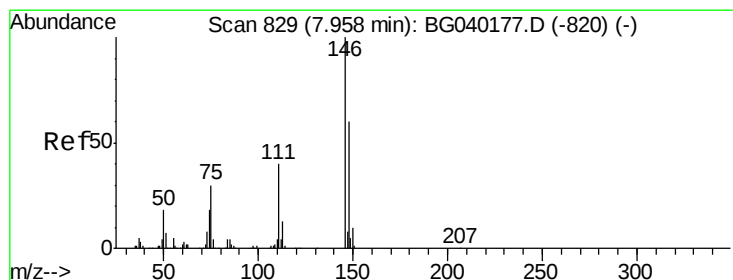
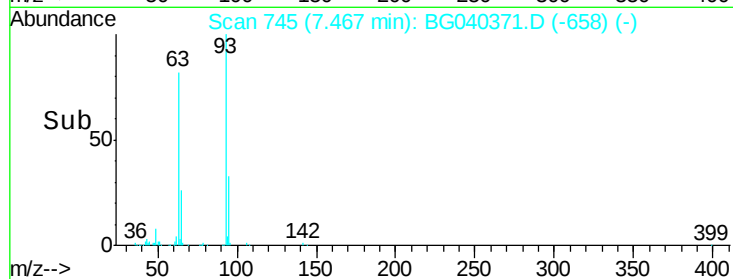
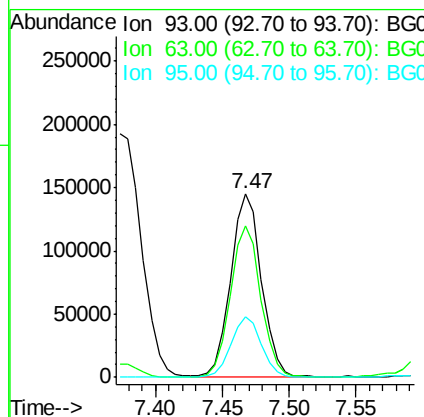
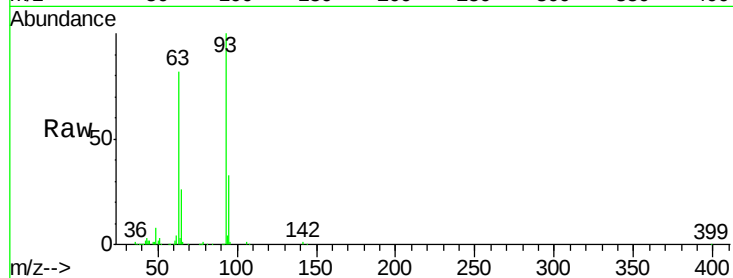
#11
bis(2-Chloroethyl)ether
Concen: 39.510 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.0	64.2	104.2
95	32.8	14.0	54.0

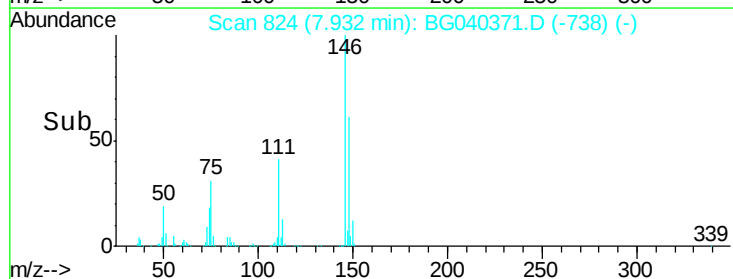
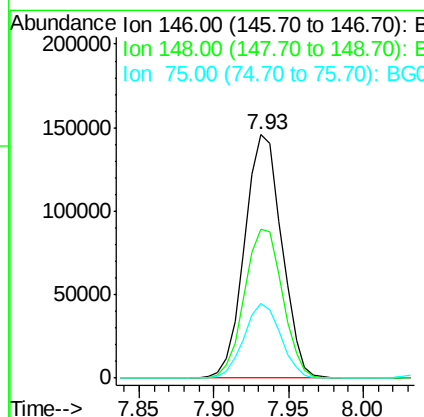
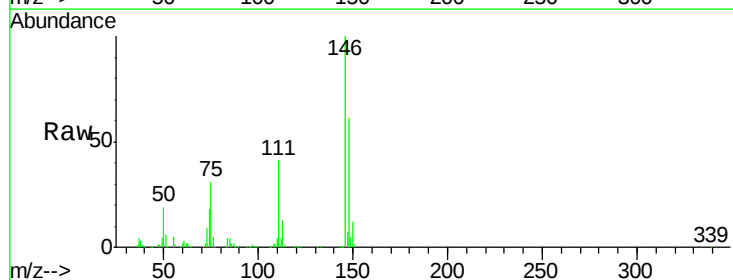
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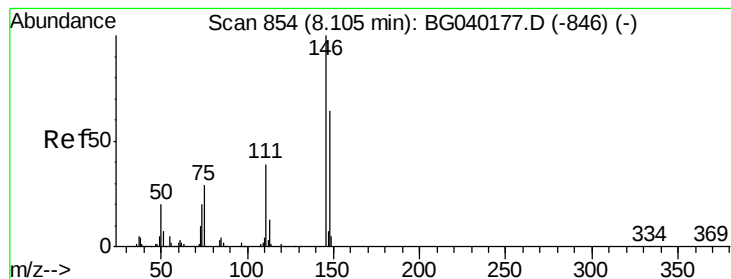
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.311 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	48.2	72.2
75	30.5	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 40.705 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

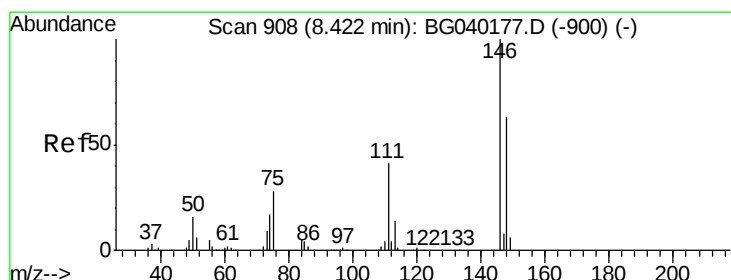
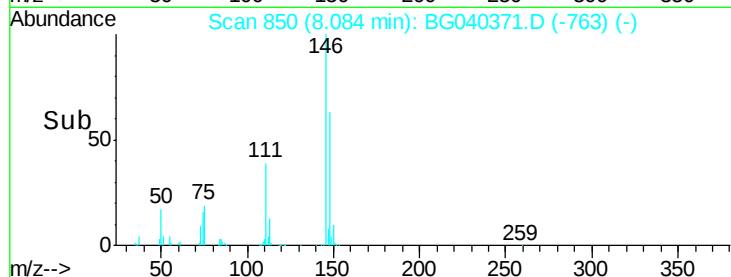
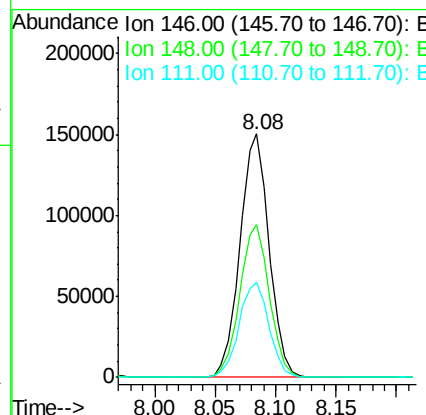
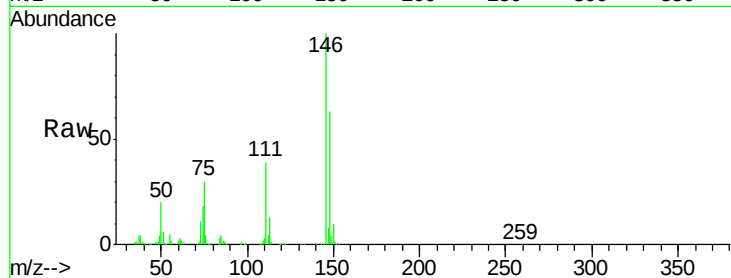
ClientSampleId :

PB118527BSD

Tgt Ion:	146	Resp:	252419
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.0	76.4
111	39.1	31.8	47.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.245 ng

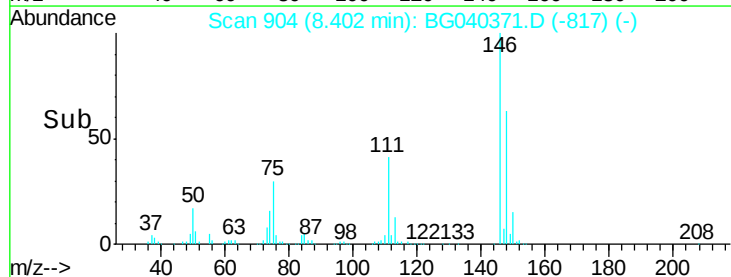
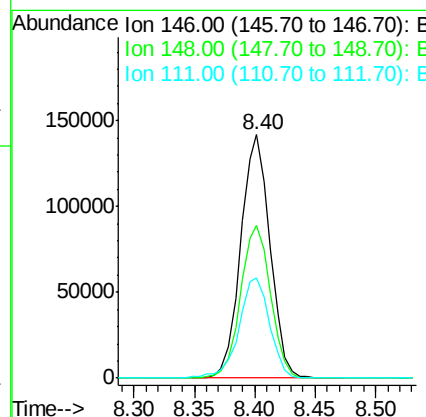
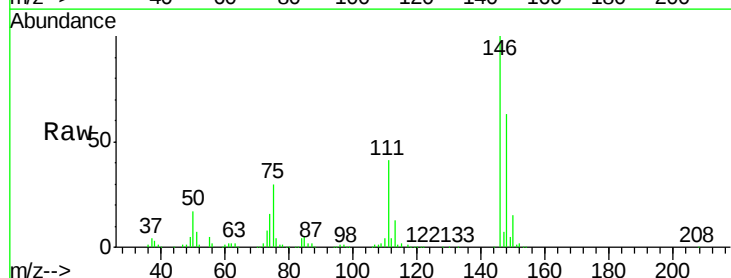
RT: 8.40 min Scan# 904

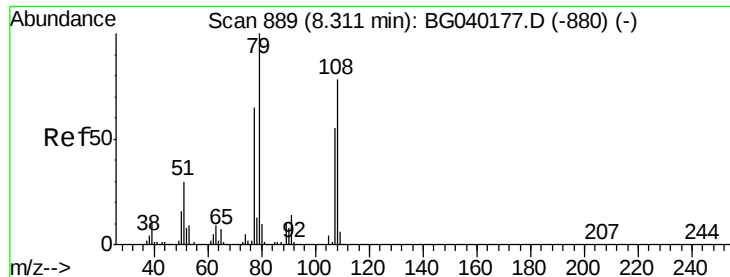
Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:	146	Resp:	238662
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.8	76.2
111	41.3	33.4	50.0





#15

Benzyl Alcohol

Concen: 39.447 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

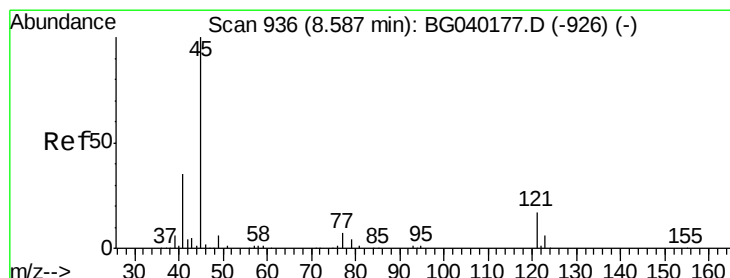
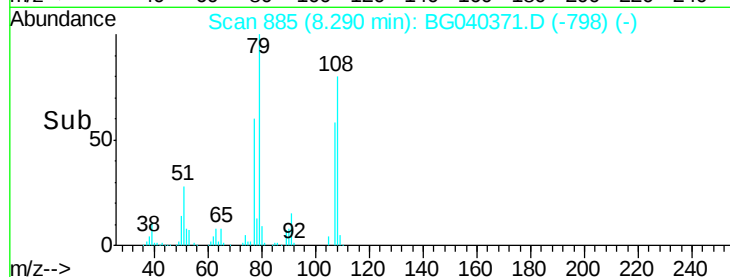
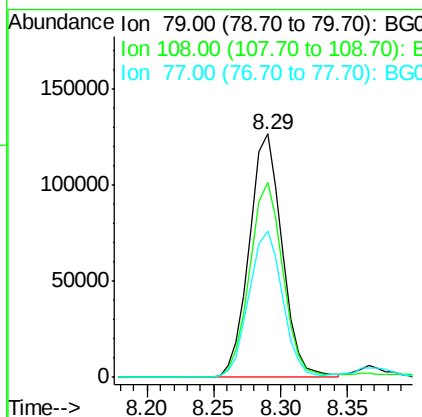
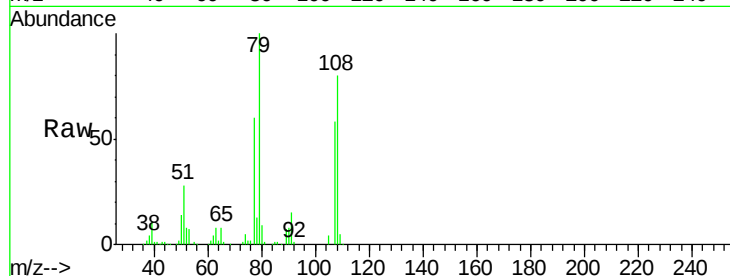
ClientSampleId :

PB118527BSD

Tgt Ion:	79	Resp:	214818
Ion Ratio	Lower	Upper	
79	100		
108	80.2	62.1	93.1
77	59.9	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.920 ng

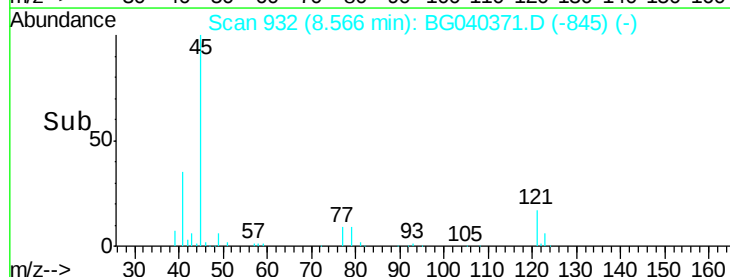
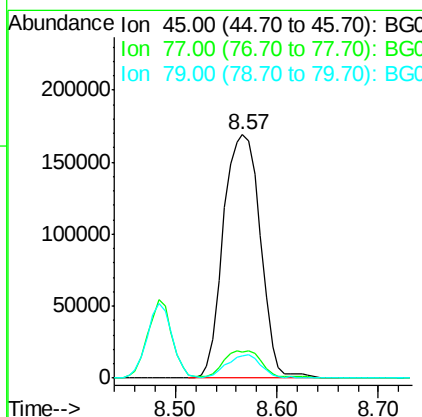
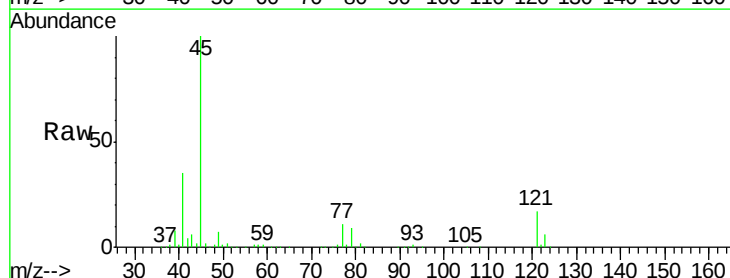
RT: 8.57 min Scan# 932

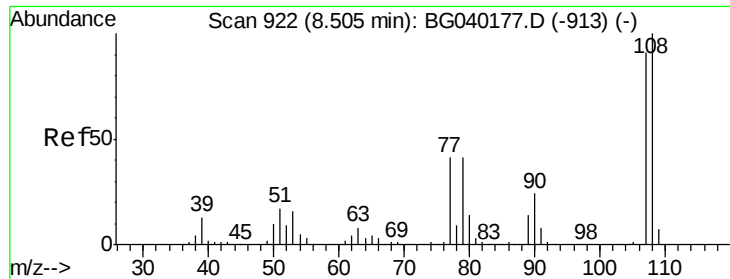
Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:	45	Resp:	427817
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	31.4
79	9.1	0.0	28.3





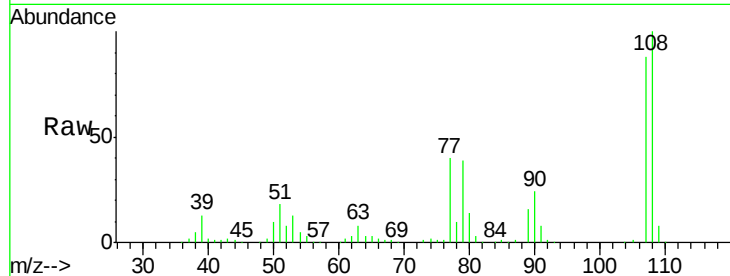
#17
2-Methylphenol
Concen: 40.497 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion:	107	Resp:	205677
Ion Ratio	Lower	Upper	
107	100		
108	113.5	88.2	132.4
77	45.9	36.6	55.0
79	43.8	36.5	54.7

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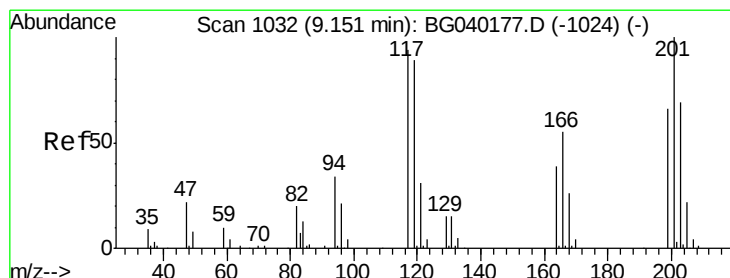
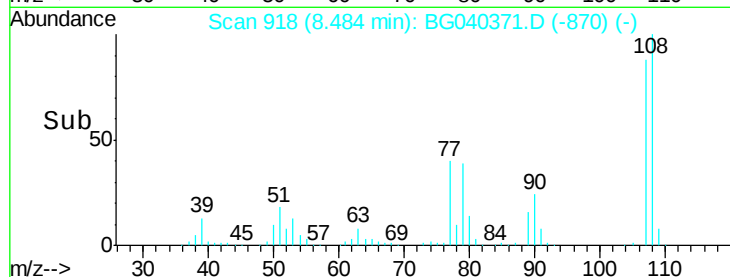
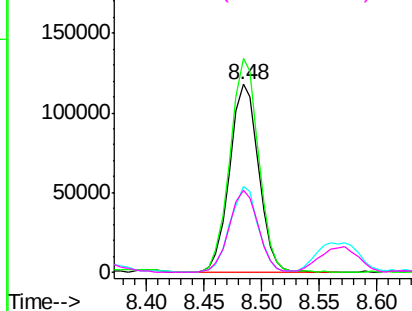
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.559 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

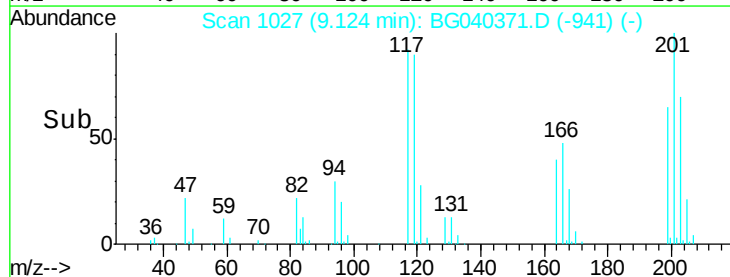
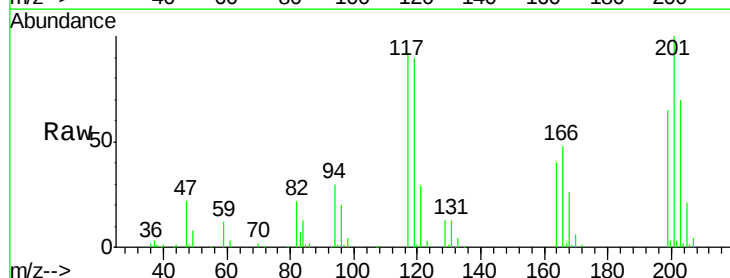
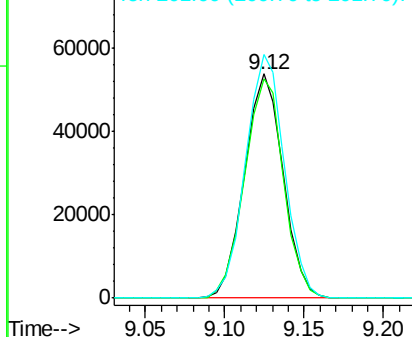
Tgt Ion:	117	Resp:	90954
Ion Ratio	Lower	Upper	
117	100		
119	98.0	76.6	115.0
201	108.8	85.0	127.4

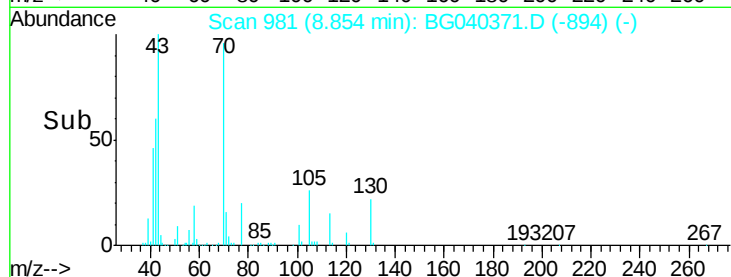
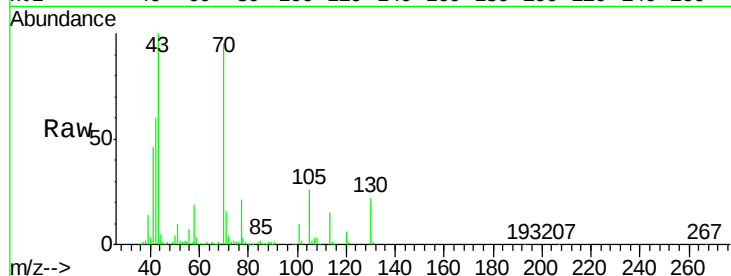
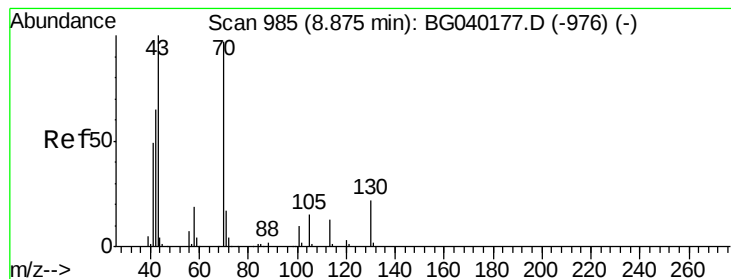
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.883 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	188515		
42	62.9	54.0	81.0	
101	10.7	8.6	13.0	
130	23.2	18.2	27.2	

Instrument :

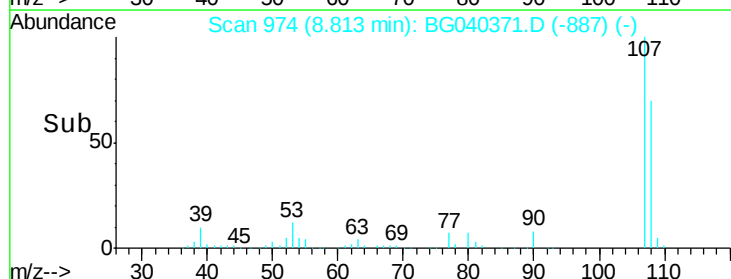
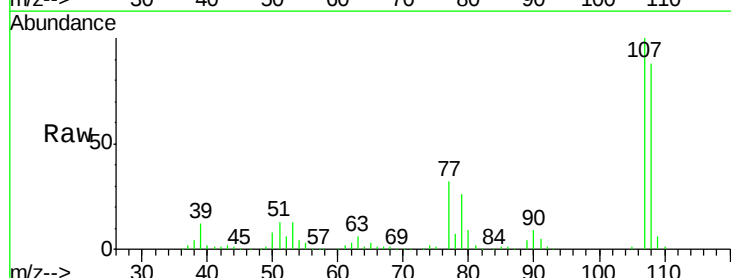
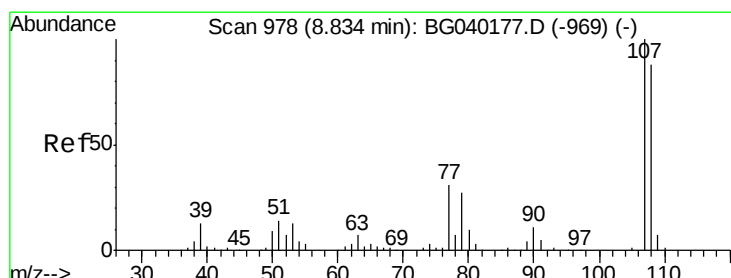
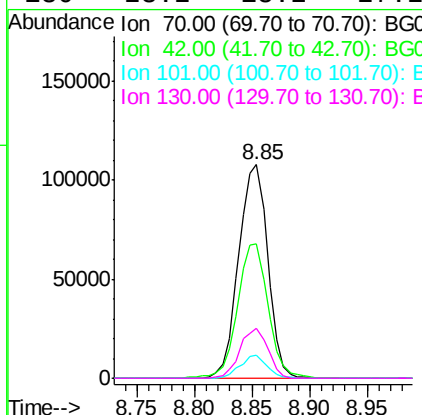
BNA_G

ClientSampleId :

PB118527BSD

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#20

3+4-Methylphenols

Concen: 41.931 ng

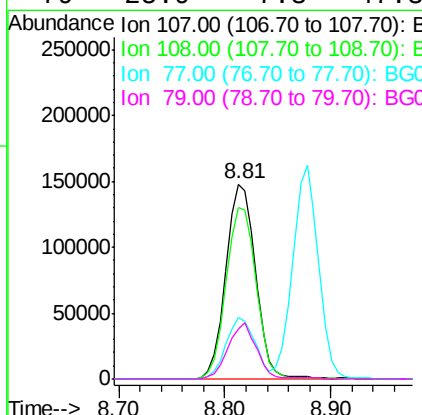
RT: 8.81 min Scan# 974

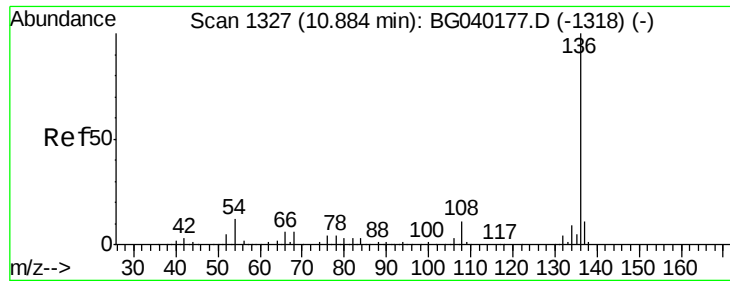
Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	288500		
108	88.1	68.3	108.3	
77	31.7	11.3	51.3	
79	25.9	7.3	47.3	





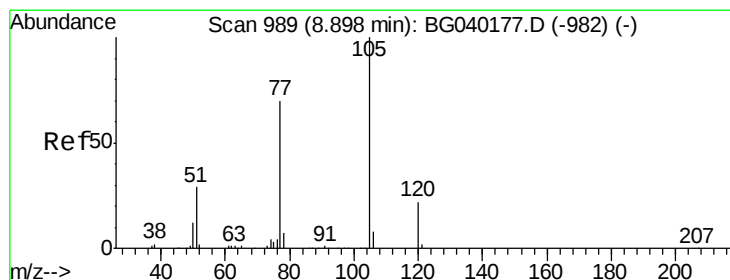
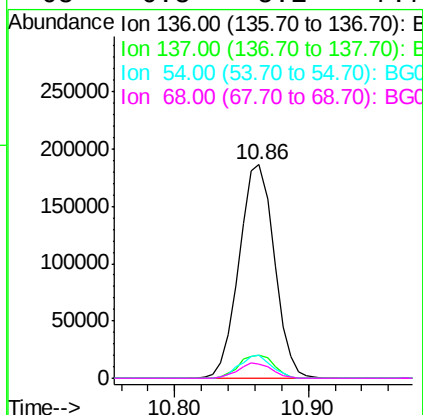
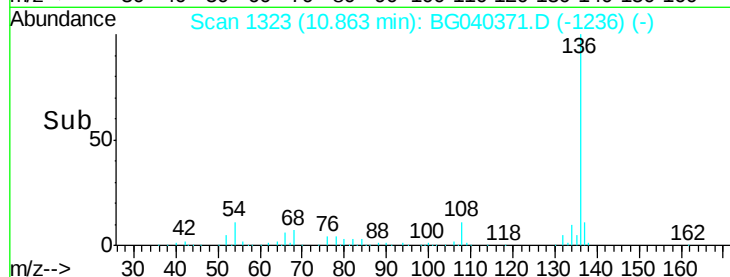
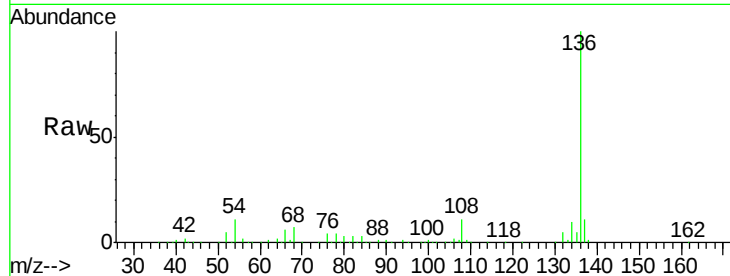
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	339562		
137	10.9	8.9	13.3	
54	11.0	9.6	14.4	
68	6.8	5.1	7.7	

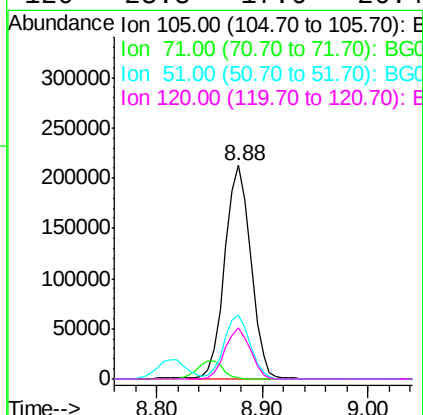
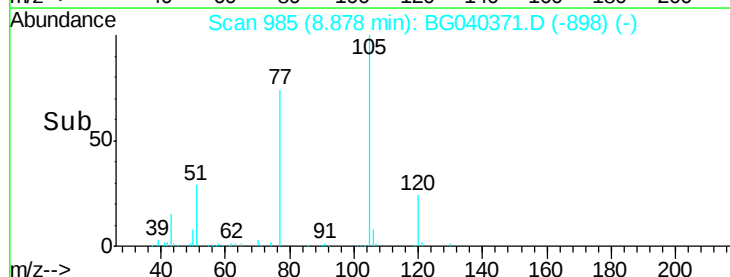
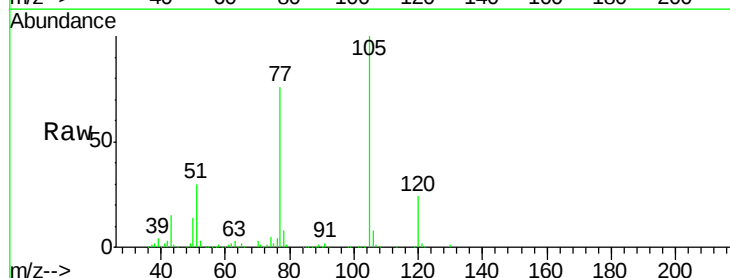
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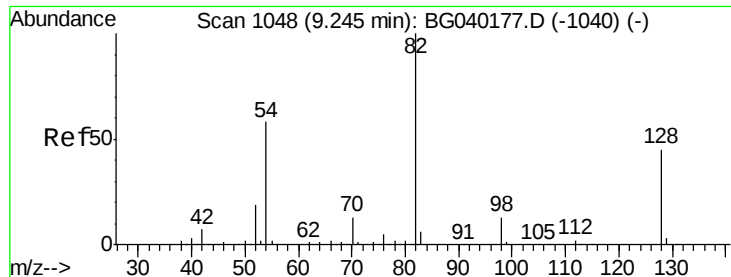
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#22
Acetophenone
Concen: 42.724 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	361886		
71	0.5	0.6	1.0#	
51	30.0	25.1	37.7	
120	23.8	17.6	26.4	





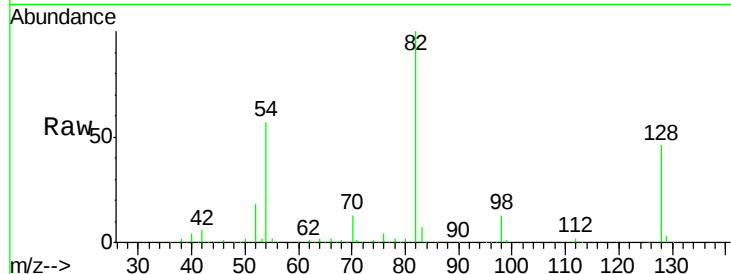
#23
Nitrobenzene-d5
Concen: 79.665 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

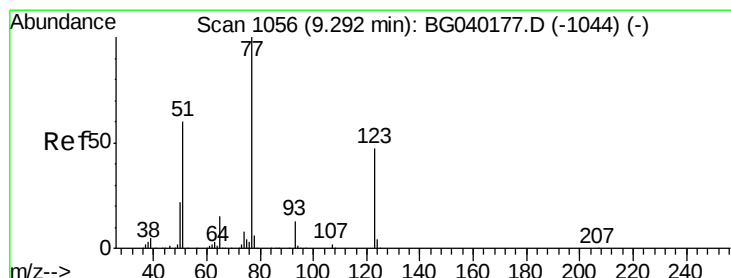
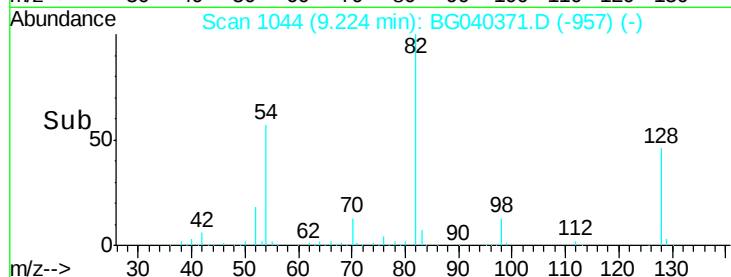
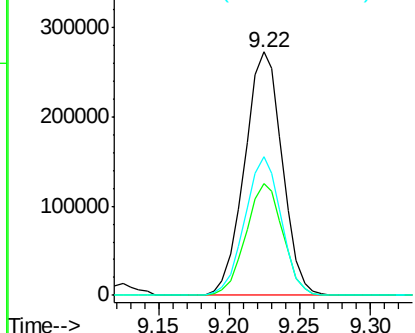
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	508929		
128	46.1	35.8	53.8	
54	56.8	46.2	69.2	

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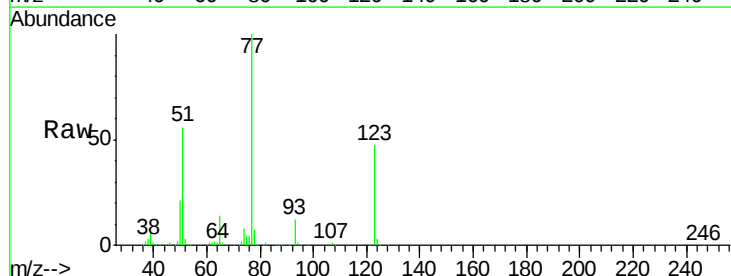


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

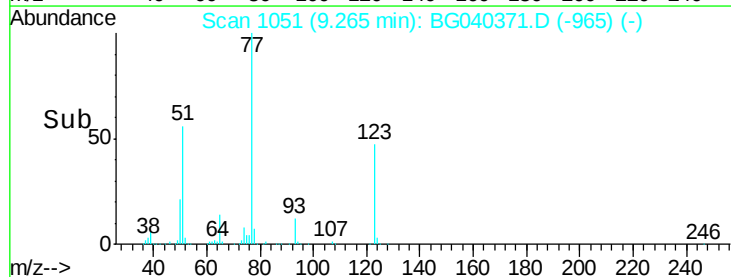
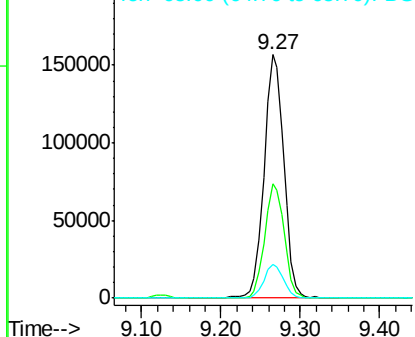


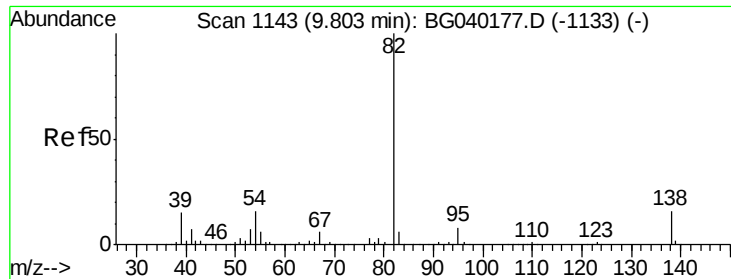
#24
Nitrobenzene
Concen: 41.325 ng
RT: 9.27 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	273375		
123	47.1	37.8	56.6	
65	13.8	12.0	18.0	



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





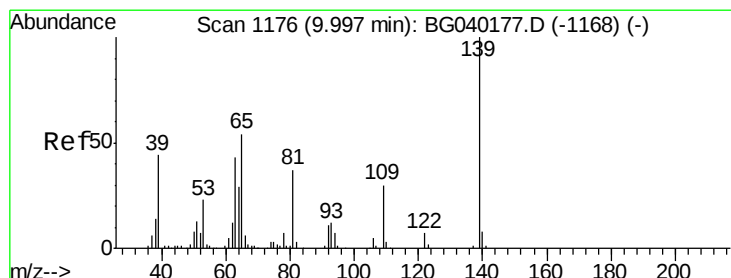
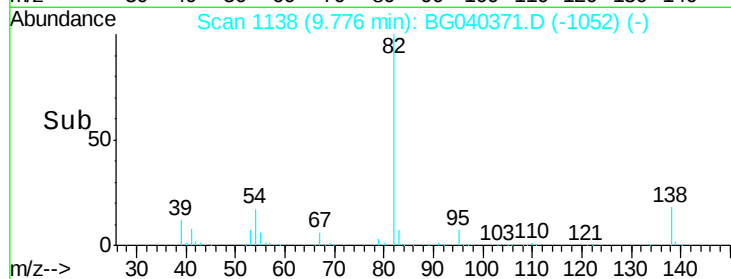
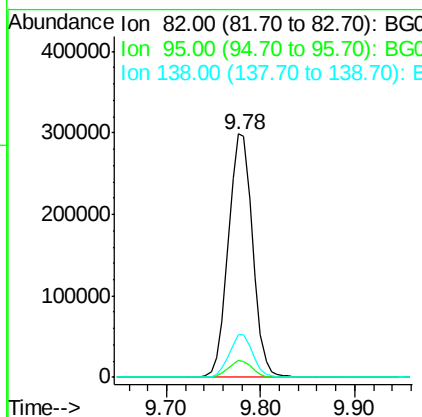
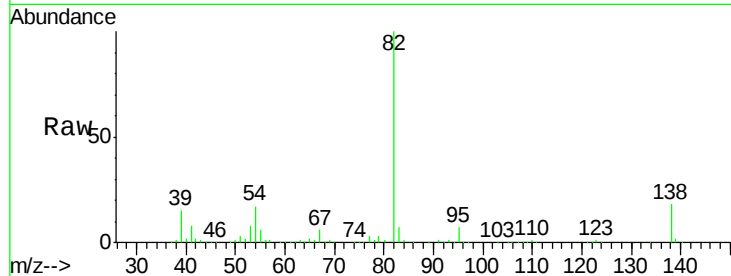
#25
Isophorone
Concen: 40.736 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	535448		
95	7.1	6.1	9.1	
138	17.7	13.2	19.8	

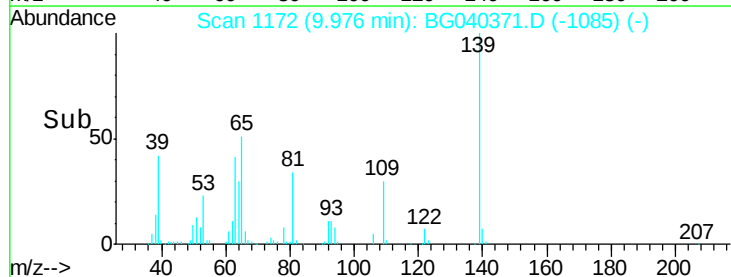
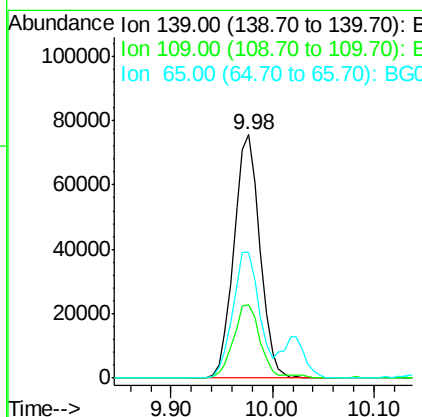
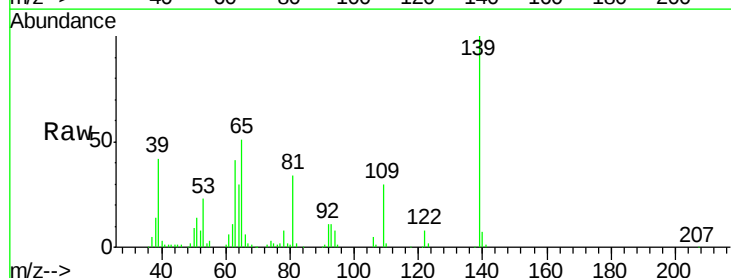
Manual Integrations
APPROVED

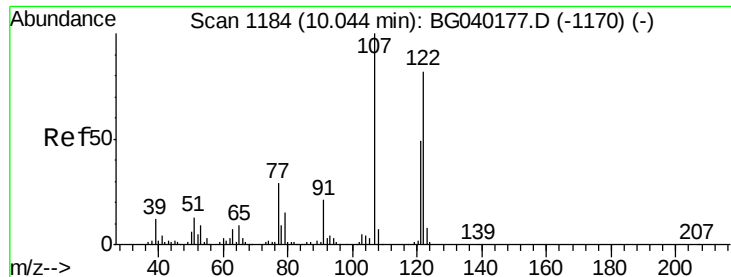
Sohil
4/5/2019 12:25:03 PM



#26
2-Nitrophenol
Concen: 42.890 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	134444		
109	30.1	24.1	36.1	
65	51.5	43.0	64.6	





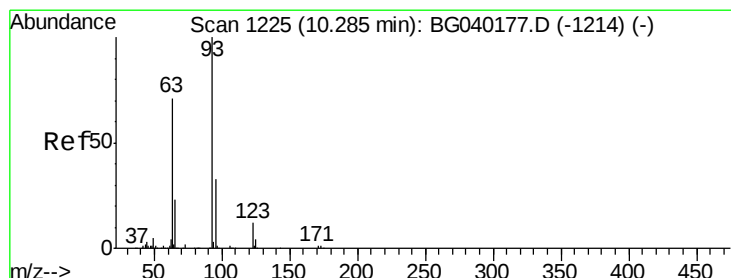
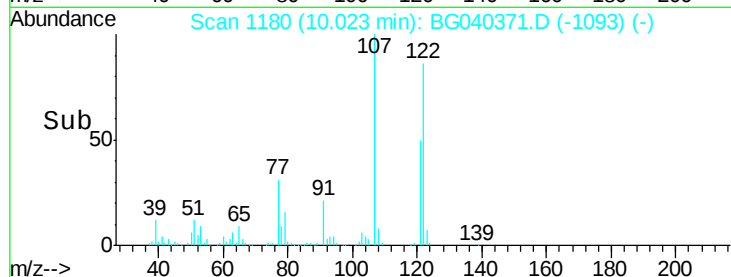
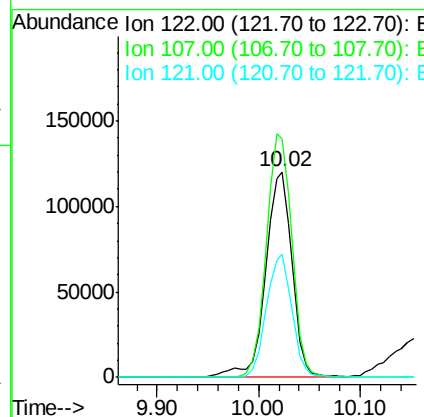
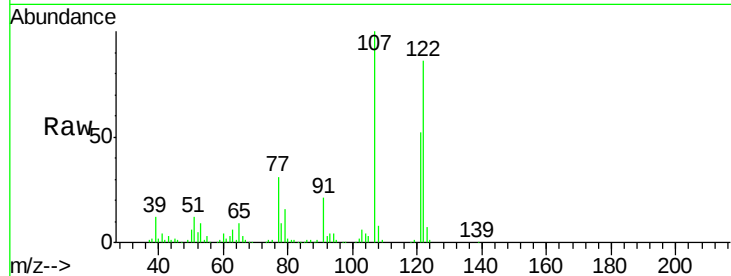
#27
2,4-Dimethylphenol
Concen: 43.893 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	218547		
107	115.7	97.4	146.2	
121	60.2	47.7	71.5	

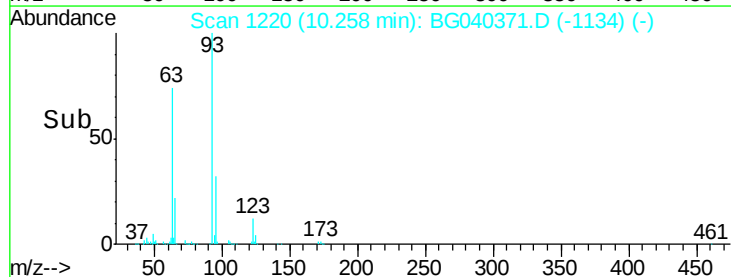
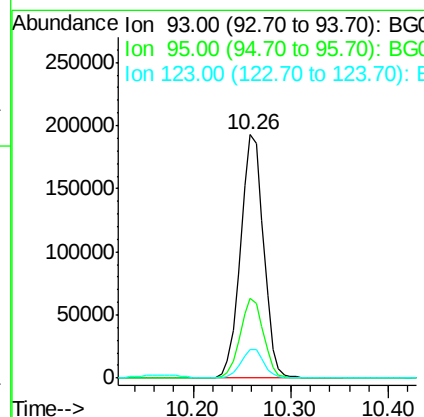
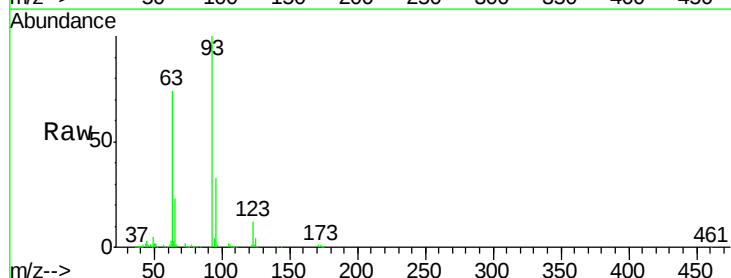
Manual Integrations
APPROVED

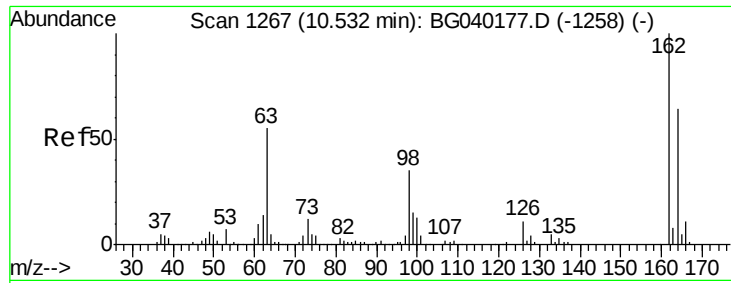
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.688 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	316415		
95	32.8	26.2	39.4	
123	11.8	9.4	14.0	





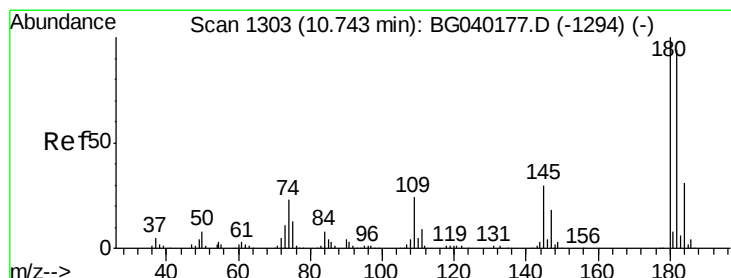
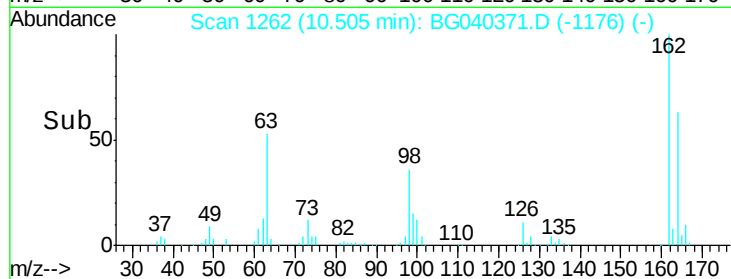
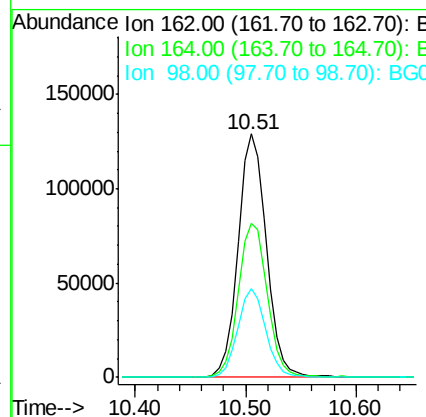
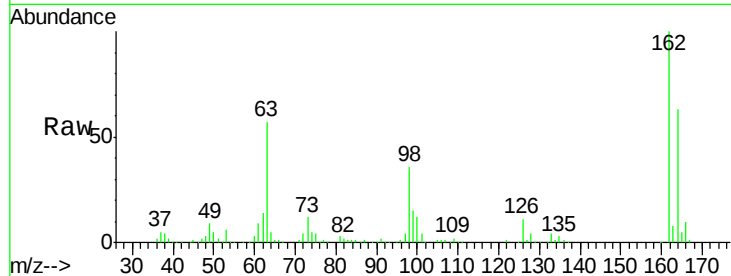
#29
2,4-Dichlorophenol
Concen: 43.039 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	232603		
164	63.2	43.9	83.9	
98	36.2	15.6	55.6	

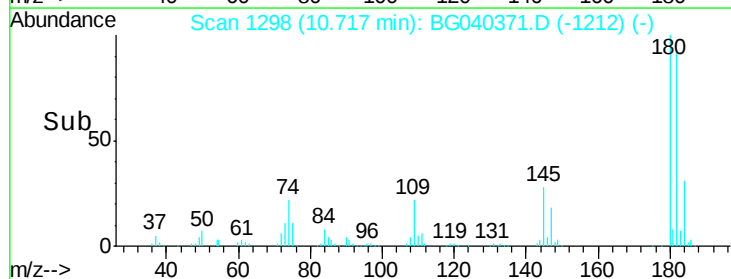
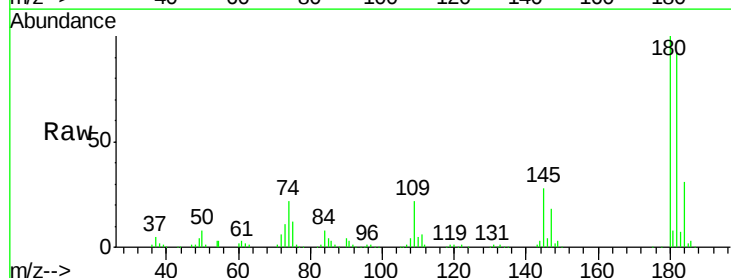
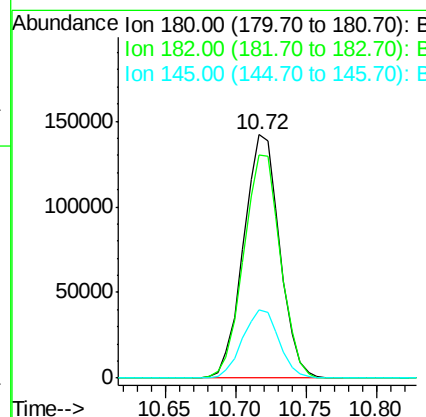
Manual Integrations
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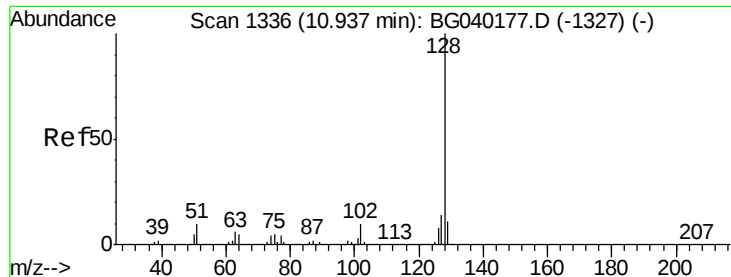
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 42.778 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	253860		
182	91.6	75.1	112.7	
145	28.2	24.1	36.1	





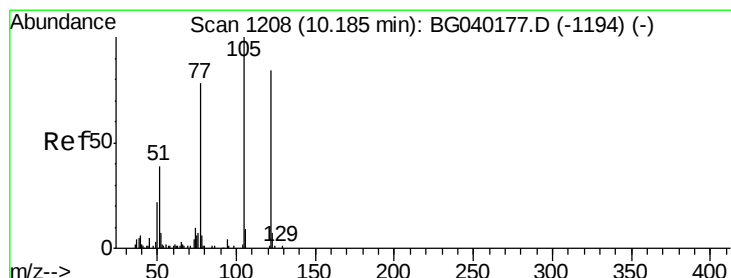
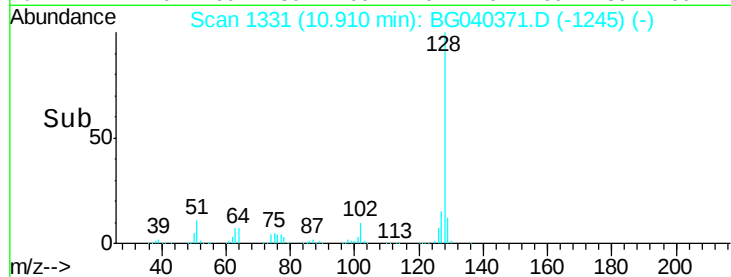
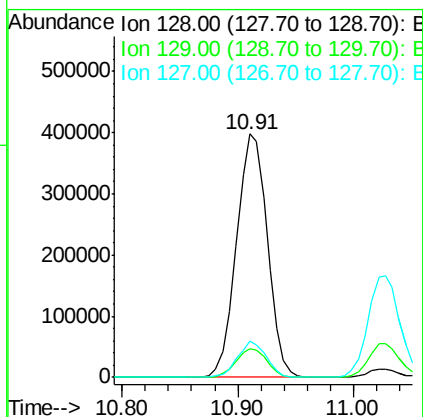
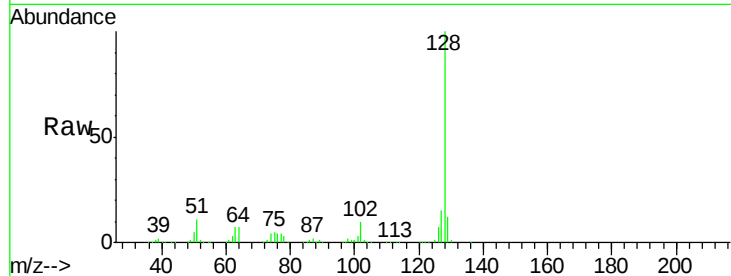
#31
Naphthalene
Concen: 42.259 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	735524		
129	11.7	8.9	13.3	
127	14.7	11.4	17.0	

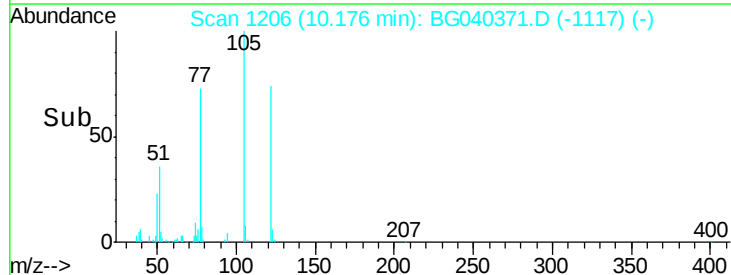
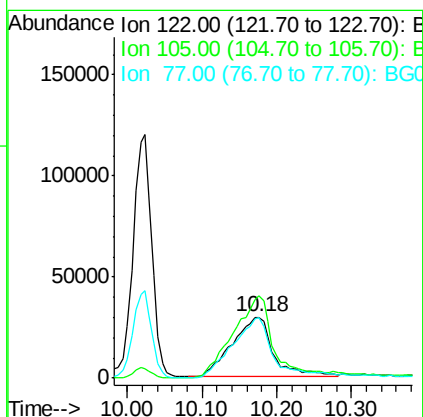
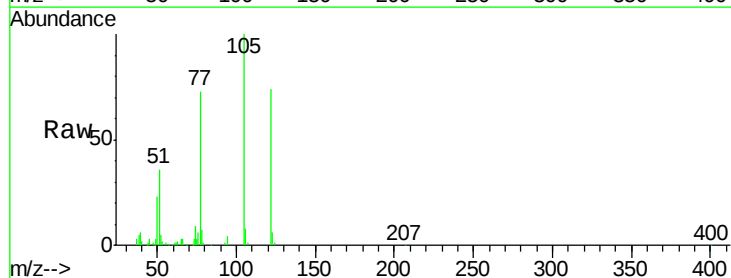
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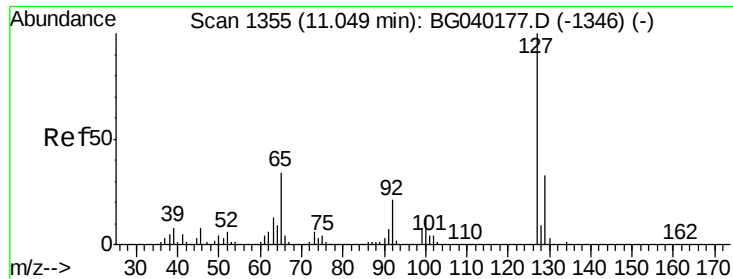
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#32
Benzoic acid
Concen: 38.124 ng
RT: 10.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	114690		
105	136.0	98.2	138.2	
77	99.2	73.6	113.6	





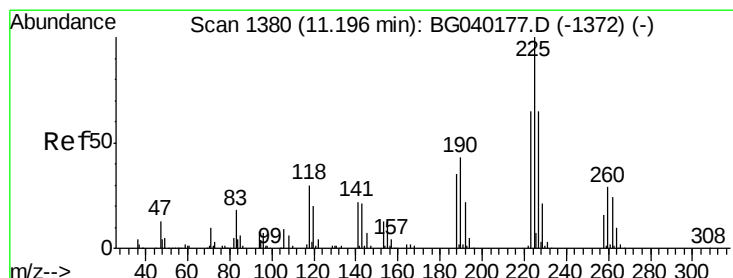
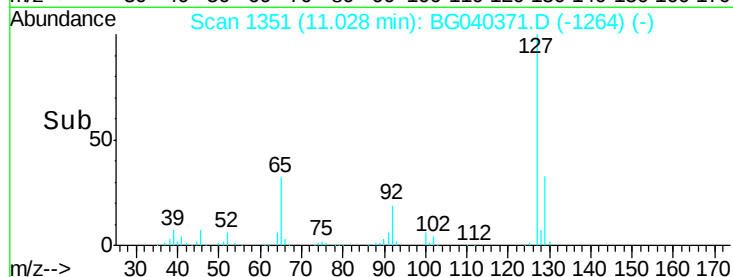
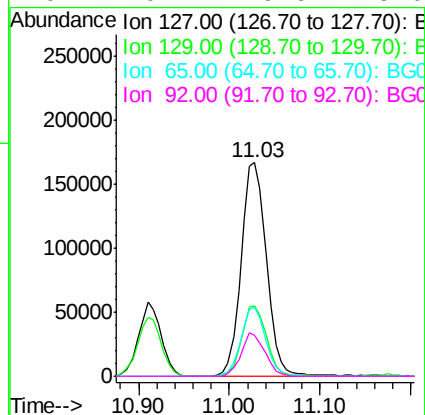
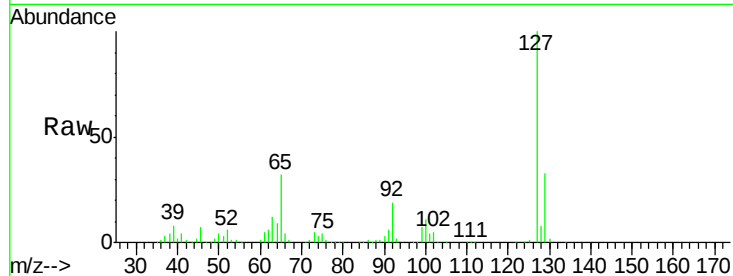
#33
4-Chloroaniline
Concen: 43.570 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	323470		
129	32.7	26.6	40.0	
65	32.3	27.0	40.4	
92	19.2	16.6	25.0	

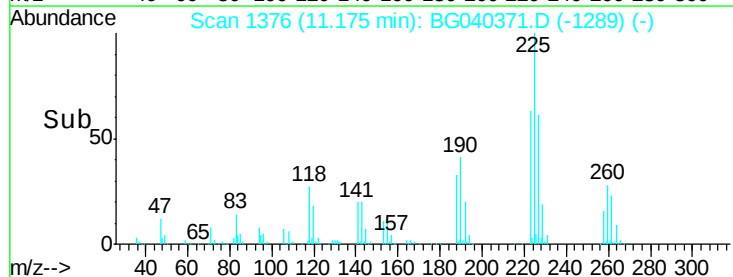
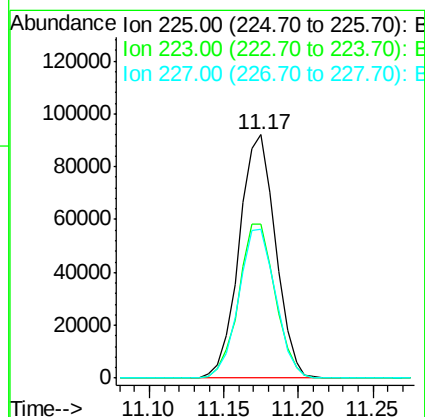
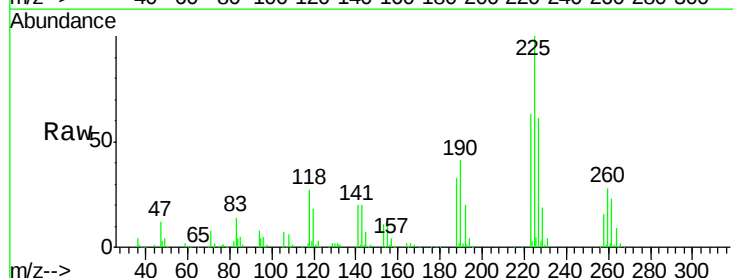
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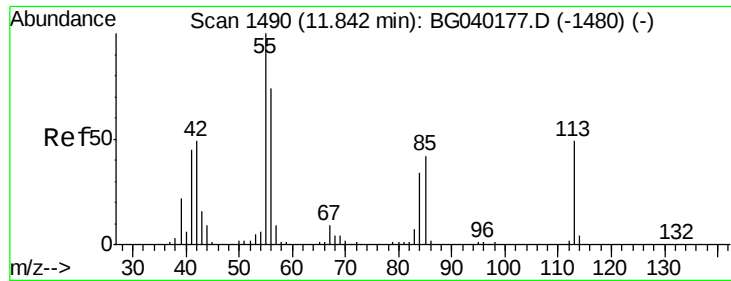
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#34
Hexachlorobutadiene
Concen: 41.041 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155763		
223	63.1	51.8	77.8	
227	61.4	54.9	82.3	





#35

Caprolactam

Concen: 41.606 ng m

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion:113 Resp: 89233

Ion Ratio Lower Upper

113 100

55 191.7 184.2 224.2

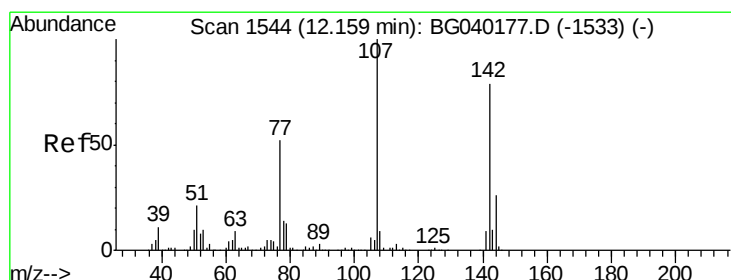
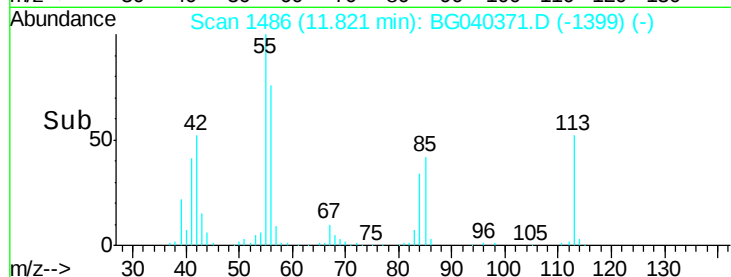
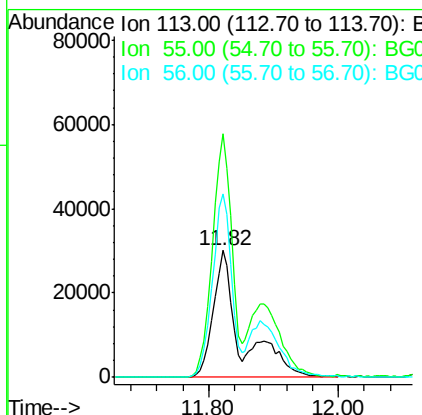
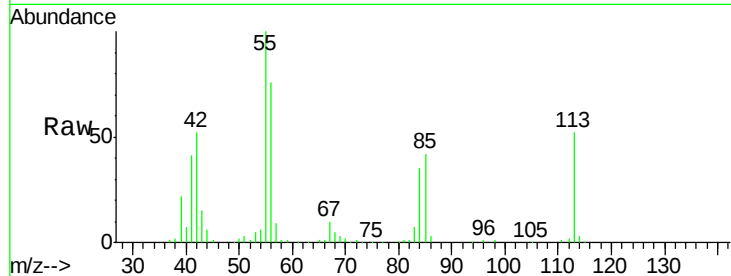
56 144.8 131.3 171.3

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#36

4-Chloro-3-methylphenol

Concen: 43.448 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

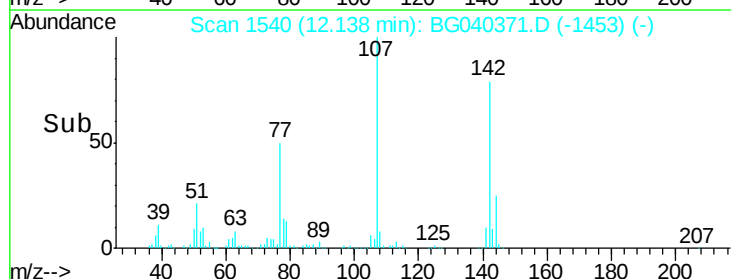
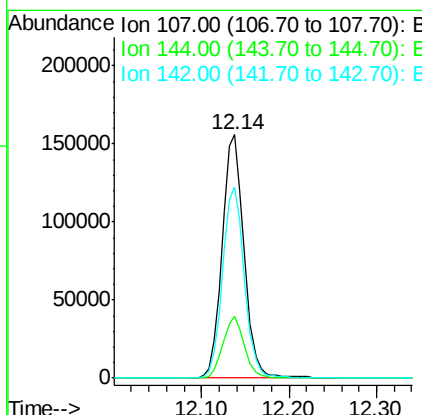
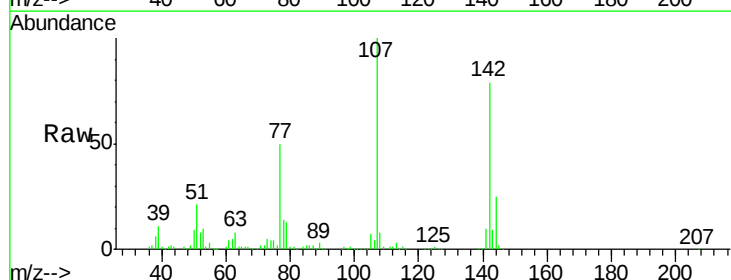
Tgt Ion:107 Resp: 269944

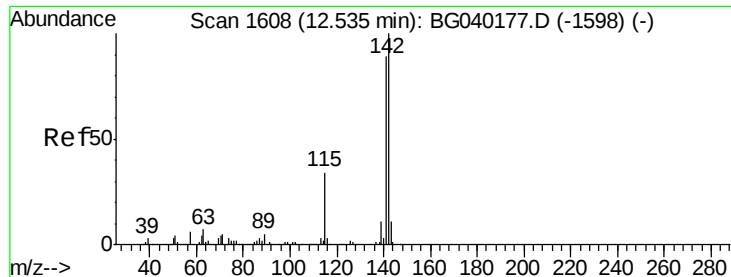
Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

142 78.8 63.1 94.7





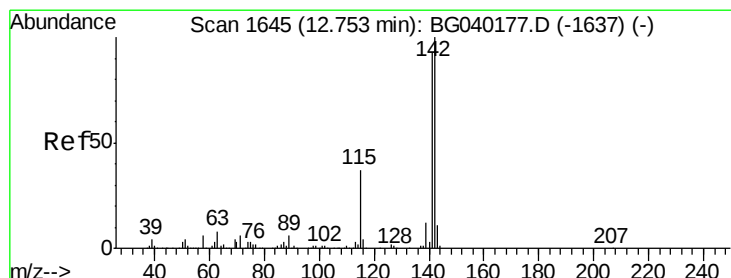
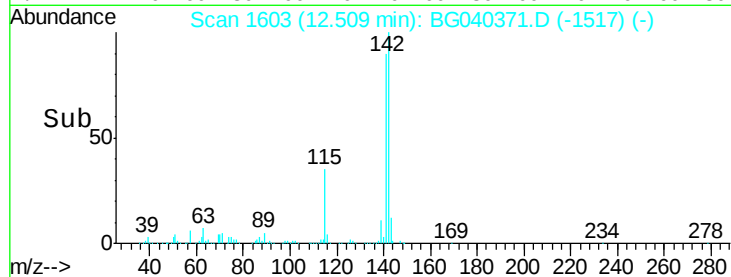
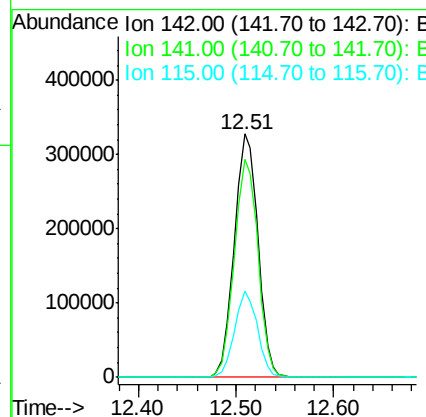
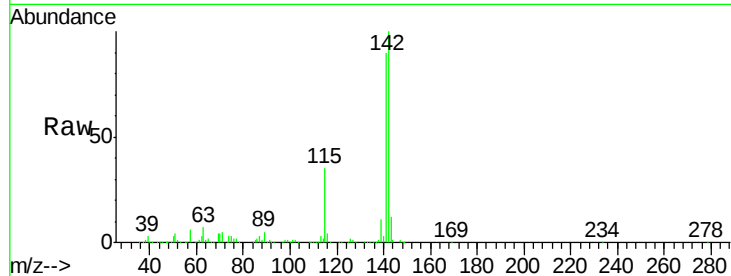
#37
 2-Methylnaphthalene
 Concen: 42.906 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	552311		
141	89.6	71.0	106.6	
115	35.1	27.3	40.9	

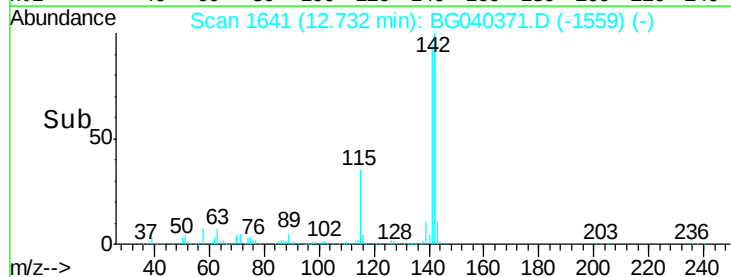
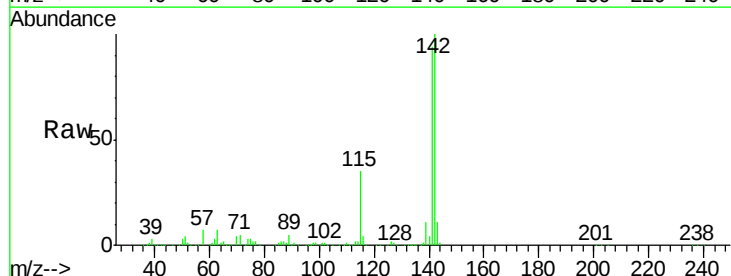
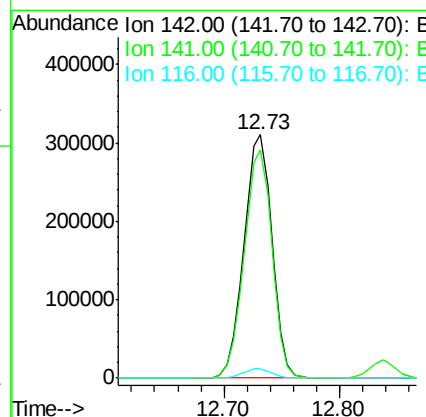
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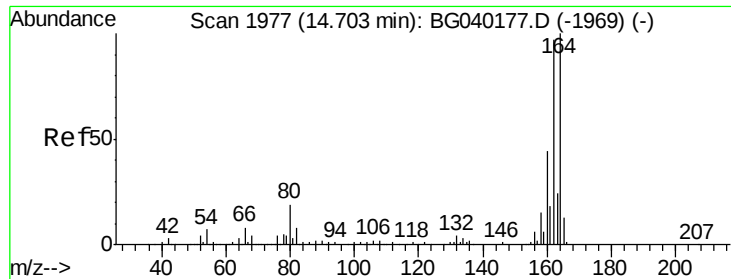
Sohil
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#38
 1-Methylnaphthalene
 Concen: 41.731 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	520902		
141	94.0	74.2	111.4	
116	3.7	3.0	4.4	





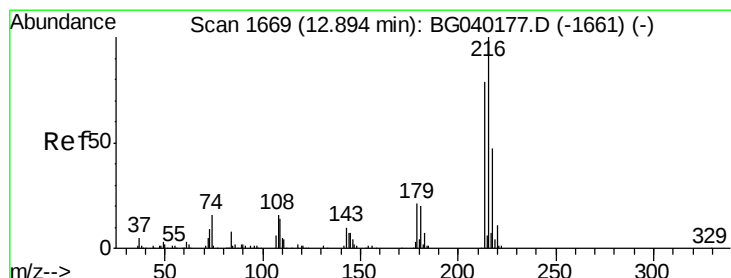
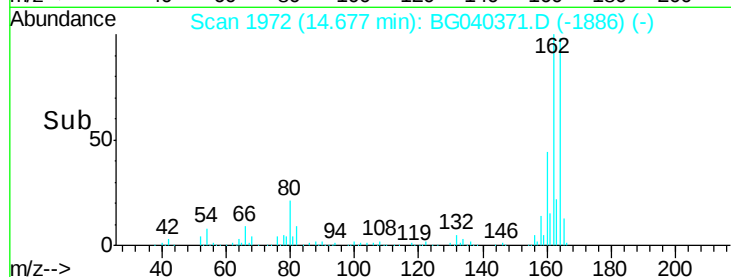
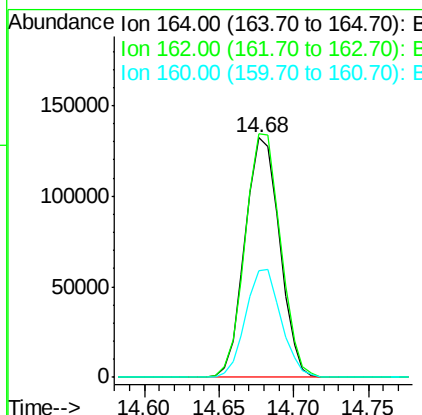
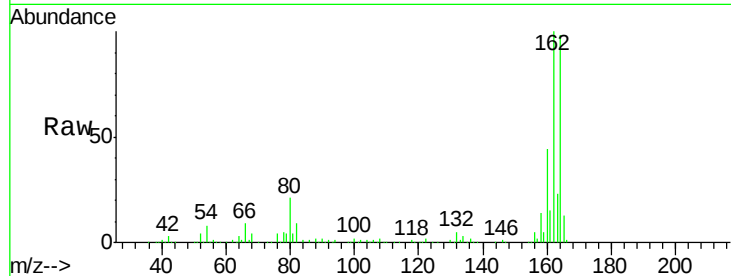
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212774		
162	101.6	77.4	116.2	
160	44.5	35.3	52.9	

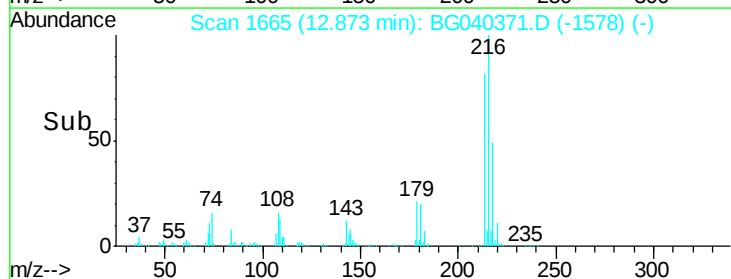
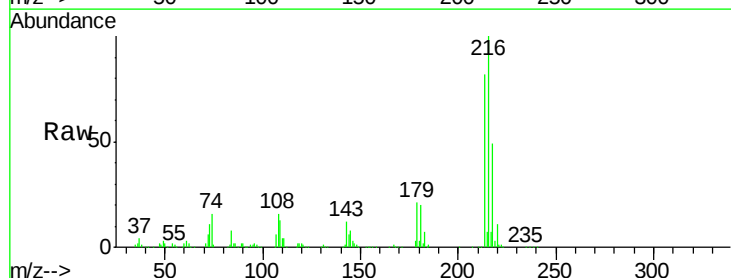
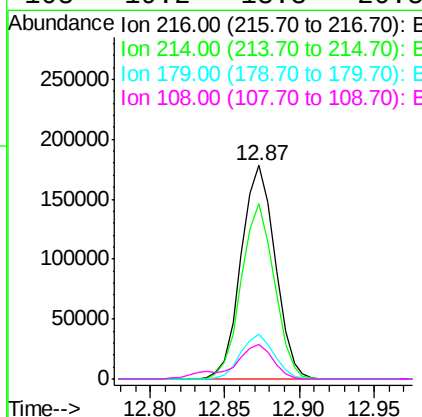
Manual Integrations
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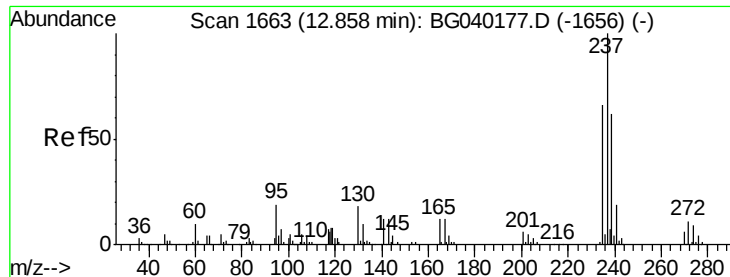
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.635 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	281563		
214	79.8	63.5	95.3	
179	20.6	16.6	25.0	
108	19.2	13.8	20.8	





#41

Hexachlorocyclopentadiene

Concen: 85.114 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

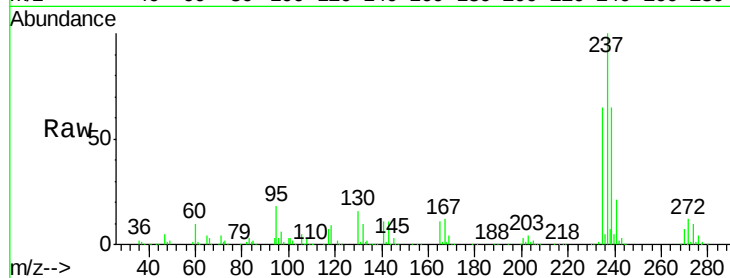
ClientSampleId :

PB118527BSD

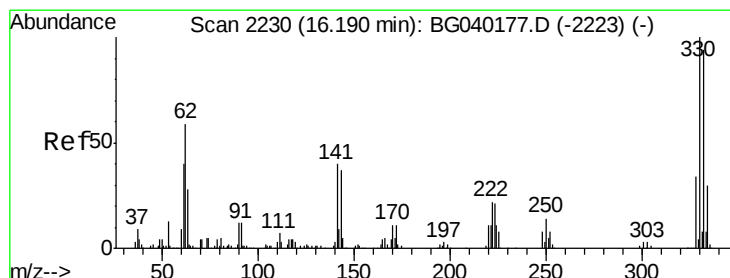
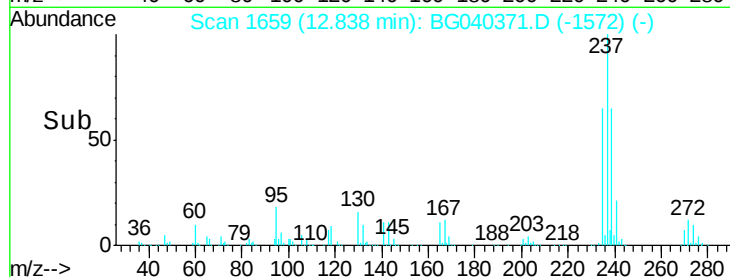
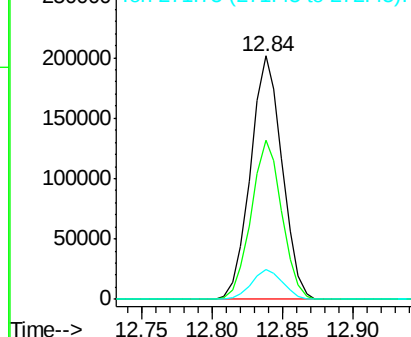
Tgt Ion:	237	Resp:	316047
Ion Ratio	Lower	Upper	
237	100		
235	65.4	46.2	86.2
272	12.4	0.0	30.5

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



#42

2,4,6-Tribromophenol

Concen: 90.878 ng

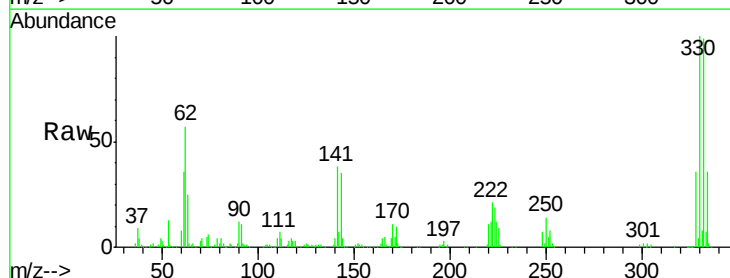
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

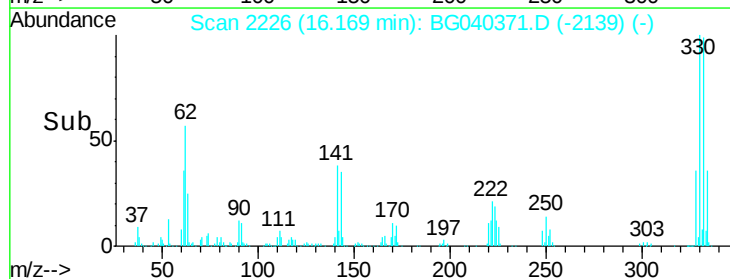
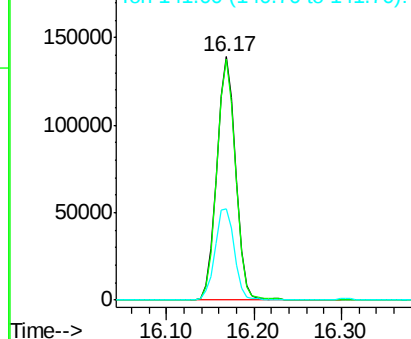
Lab File: BG040371.D

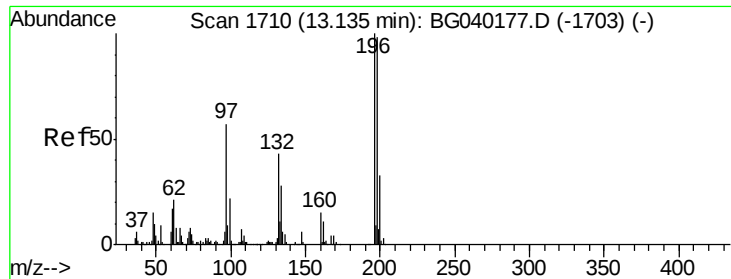
Acq: 4 Apr 2019 22:39

Tgt Ion:	330	Resp:	208977
Ion Ratio	Lower	Upper	
330	100		
332	98.2	76.6	115.0
141	38.7	32.6	48.8



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





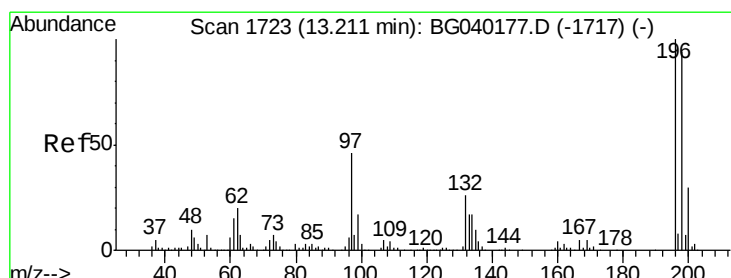
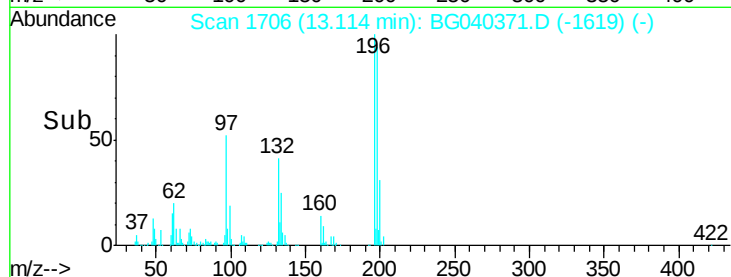
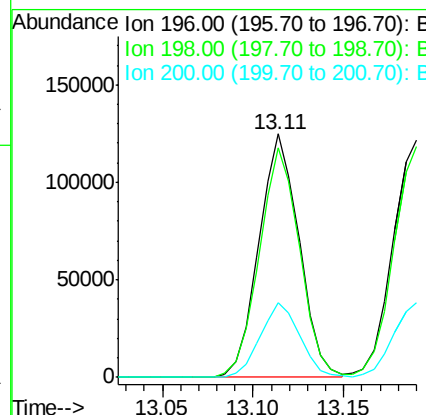
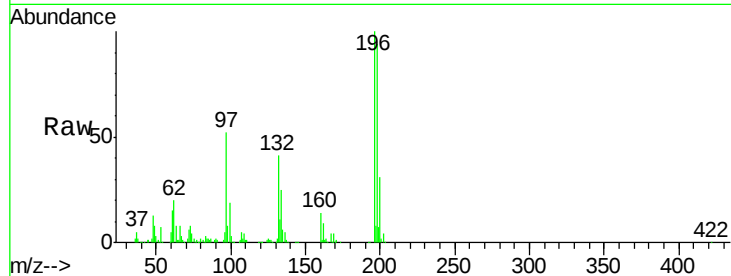
#43
 2,4,6-Trichlorophenol
 Concen: 44.073 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192163		
198	94.3	78.3	117.5	
200	30.8	26.0	39.0	

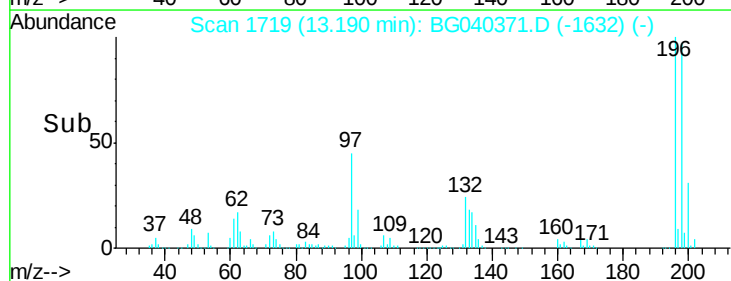
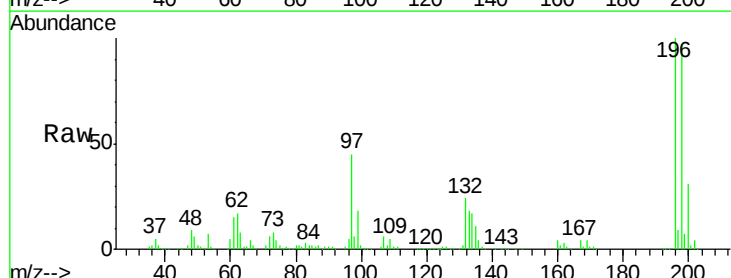
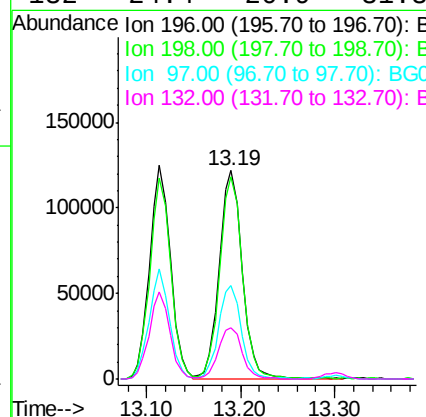
Manual Integrations
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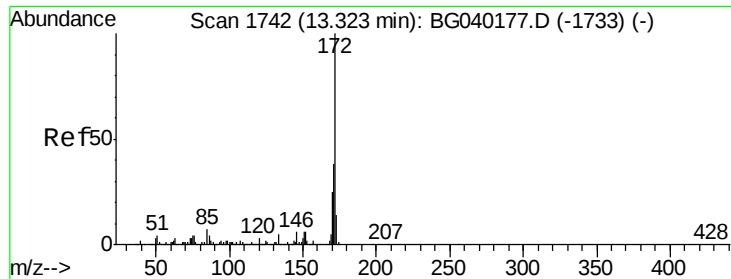
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#44
 2,4,5-Trichlorophenol
 Concen: 44.085 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209509		
198	97.1	75.0	112.6	
97	44.9	37.3	55.9	
132	24.4	20.9	31.3	





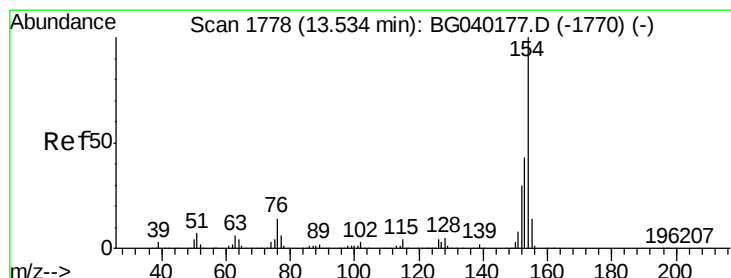
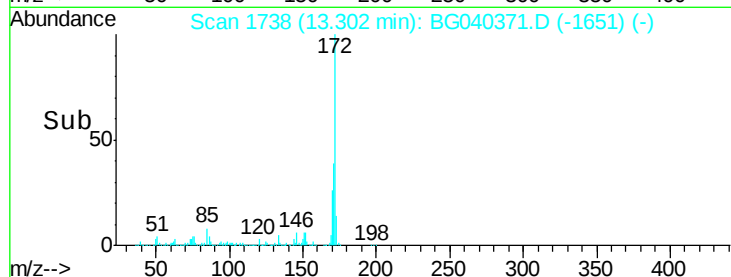
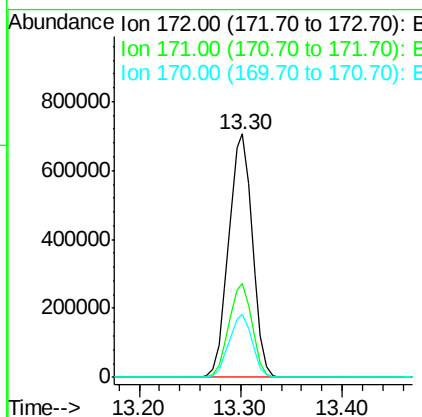
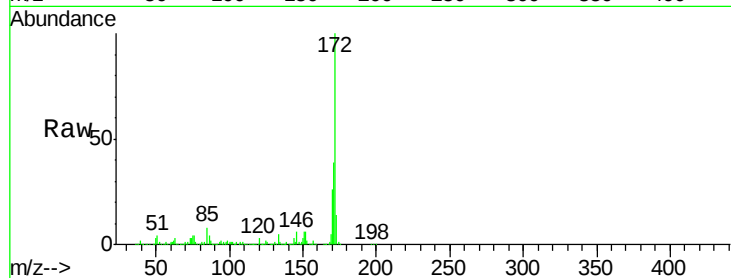
#45
2-Fluorobiphenyl
Concen: 79.577 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	25.7	20.1	30.1

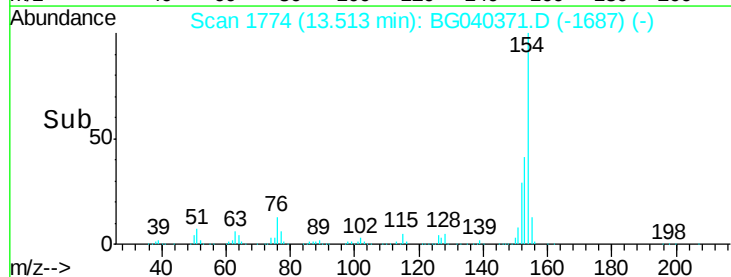
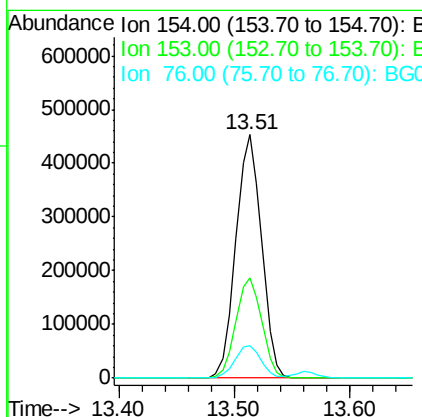
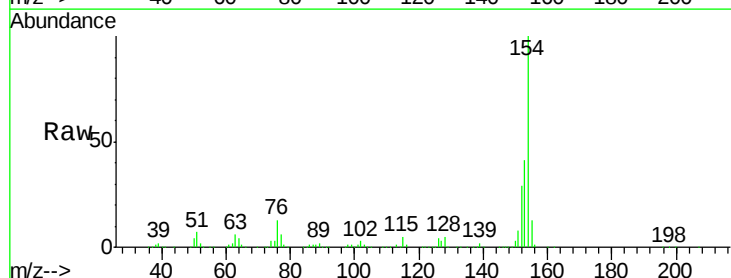
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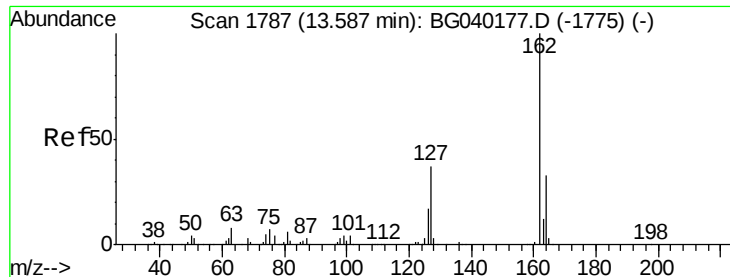
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#46
1,1'-Biphenyl
Concen: 41.406 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.5	62.5
76	13.4	0.0	33.7





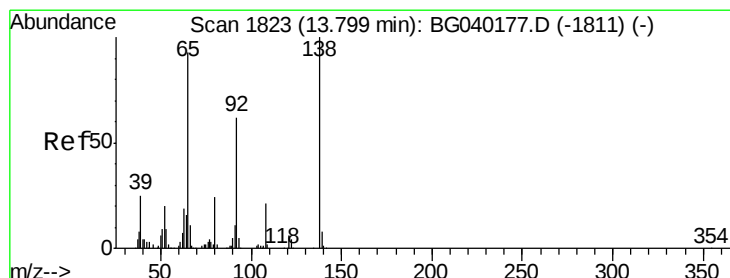
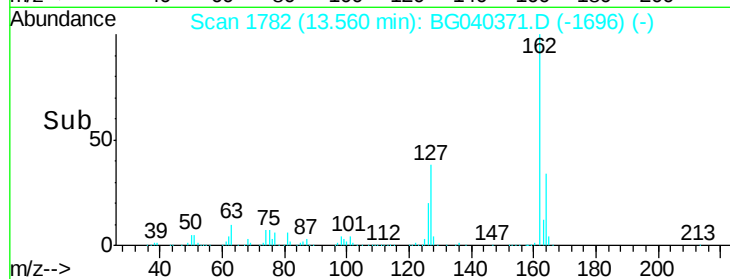
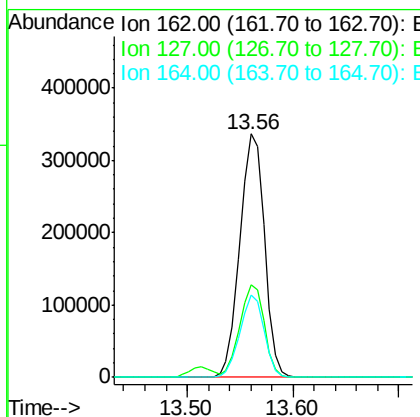
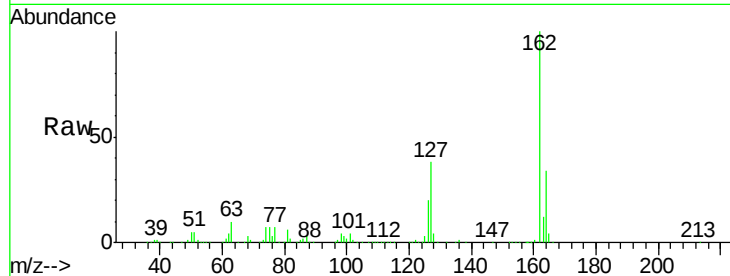
#47
2-Chloronaphthalene
Concen: 42.054 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	542320		
127	38.3	30.6	45.8	
164	33.7	26.2	39.4	

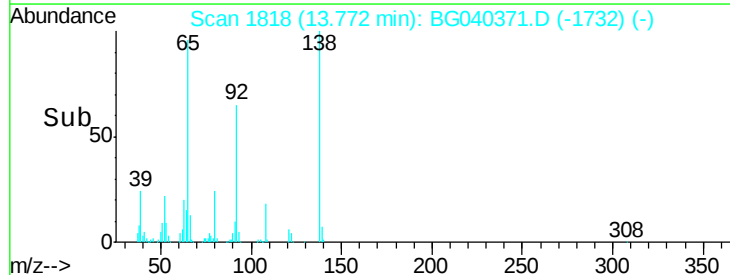
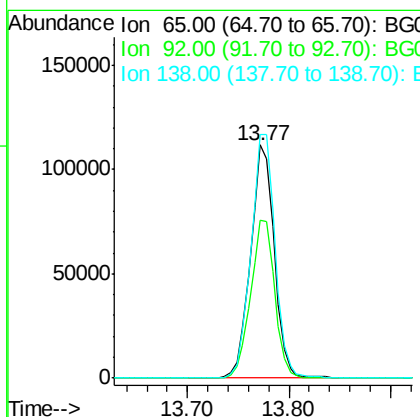
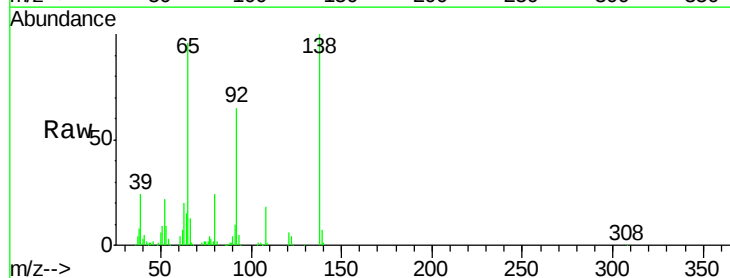
Manual Integrations
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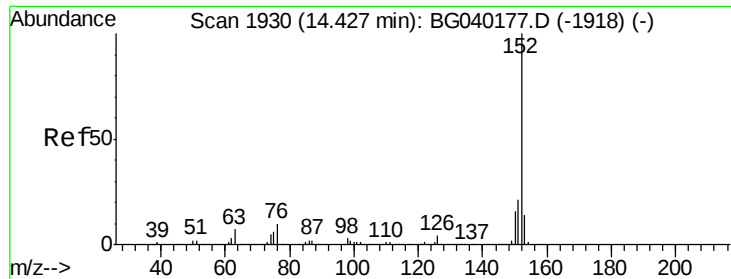
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#48
2-Nitroaniline
Concen: 41.746 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	181591		
92	67.8	53.8	80.6	
138	104.5	86.3	129.5	





#49

Acenaphthylene

Concen: 40.249 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

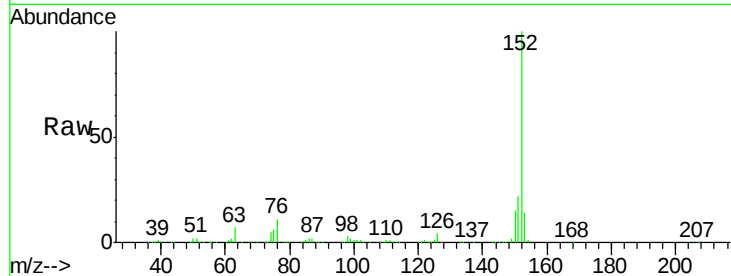
ClientSampleId :

PB118527BSD

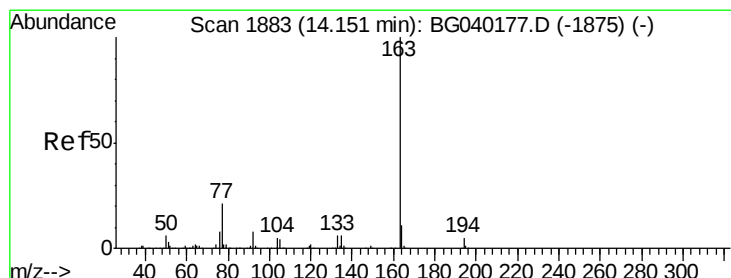
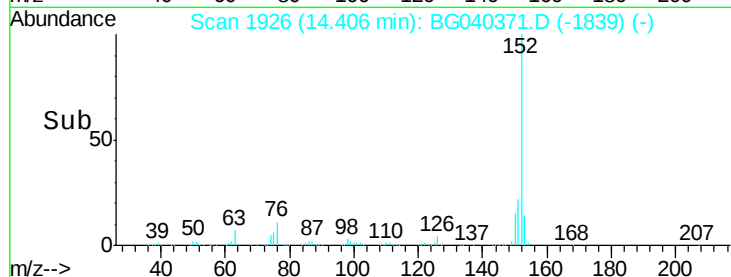
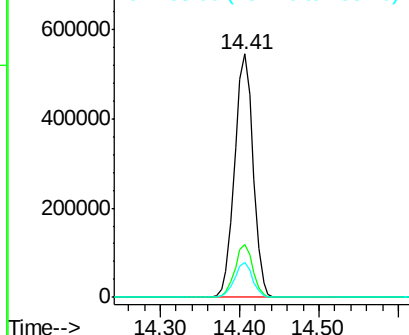
Tgt Ion:	152	Resp:	880031
Ion Ratio		Lower	Upper
152	100		
151	21.6	17.0	25.6
153	14.4	10.8	16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.104 ng

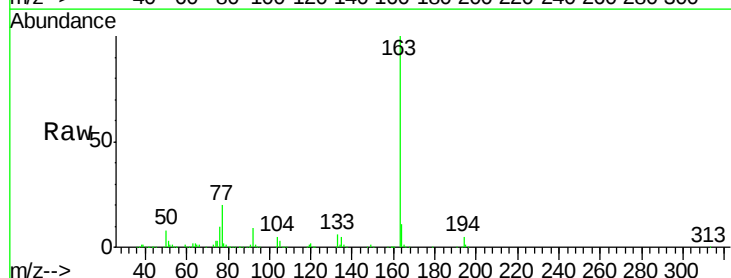
RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

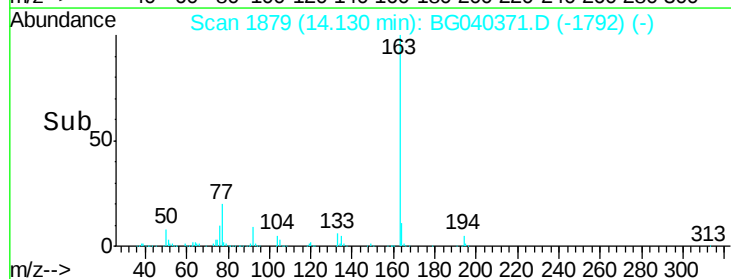
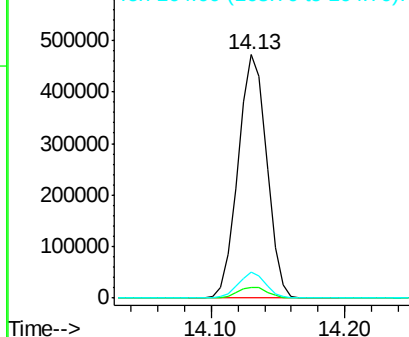
Lab File: BG040371.D

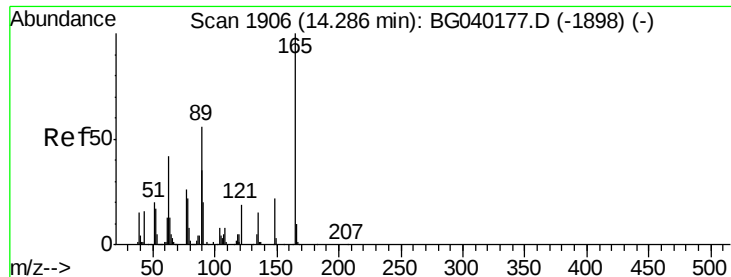
Acq: 4 Apr 2019 22:39

Tgt Ion:	163	Resp:	701140
Ion Ratio		Lower	Upper
163	100		
194	4.5	4.1	6.1
164	10.7	8.6	13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.125 ng

RT: 14.27 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

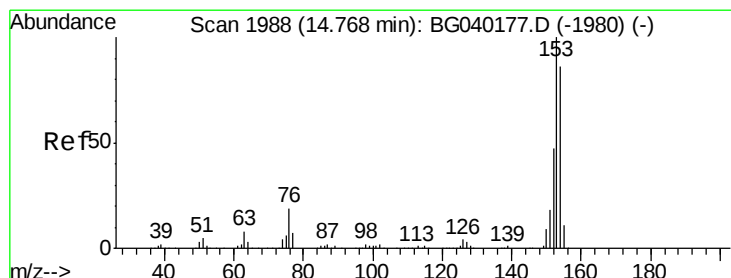
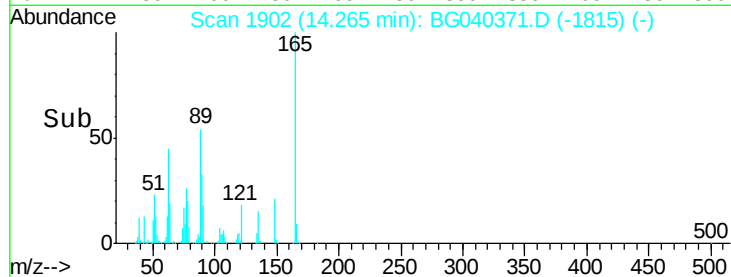
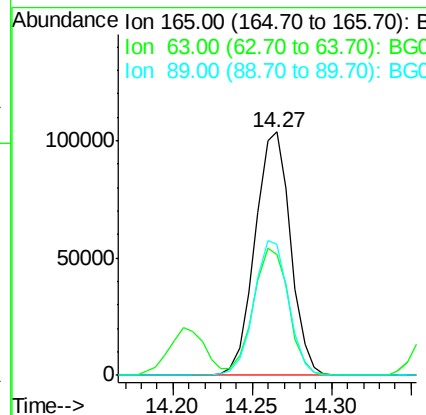
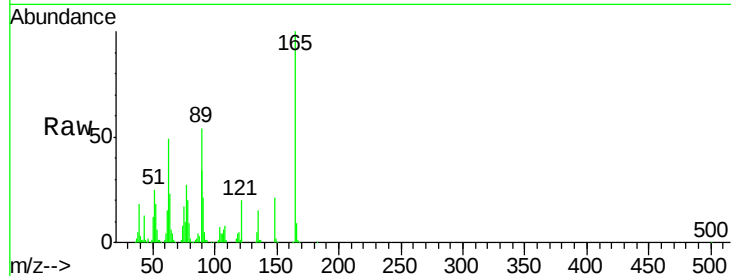
ClientSampleId :

PB118527BSD

Tgt Ion:	165	Resp:	161250
Ion Ratio	Lower	Upper	
165	100		
63	49.4	44.1	66.1
89	53.7	44.9	67.3

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#52

Acenaphthene

Concen: 41.719 ng

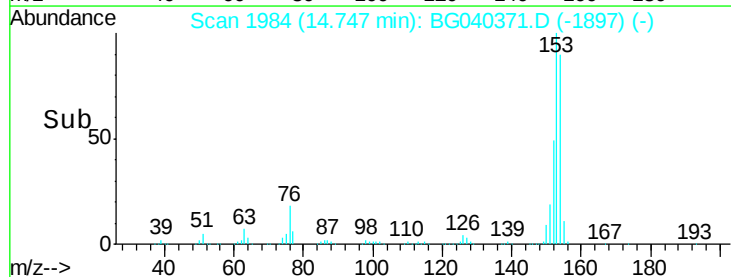
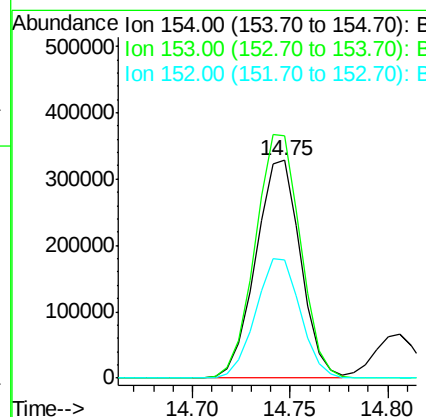
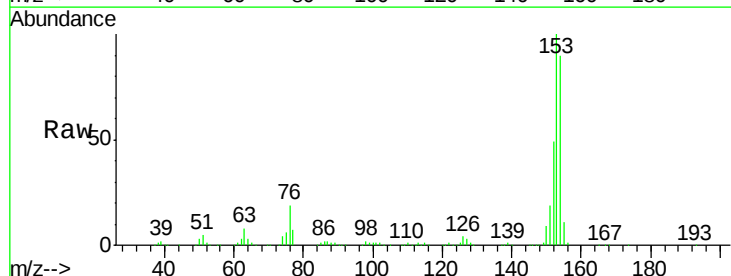
RT: 14.75 min Scan# 1984

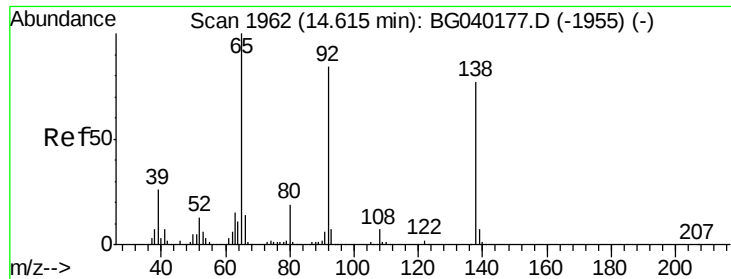
Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:	154	Resp:	522681
Ion Ratio	Lower	Upper	
154	100		
153	111.1	92.8	139.2
152	54.3	43.4	65.2





#53

3-Nitroaniline

Concen: 43.036 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

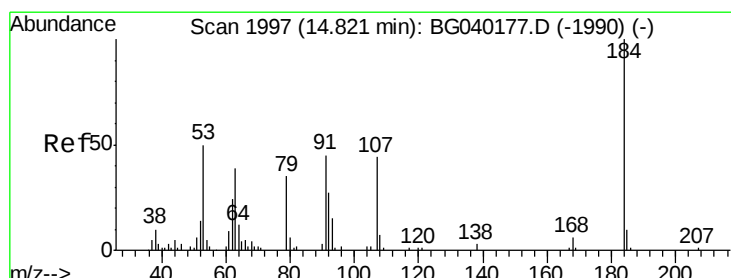
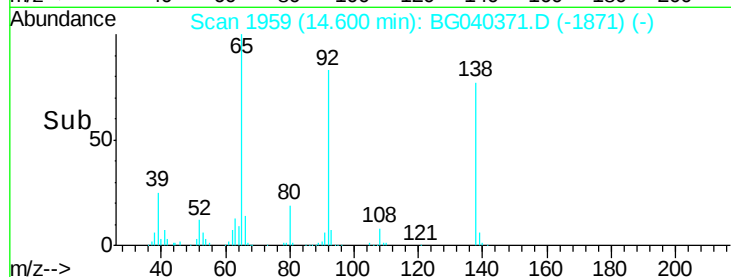
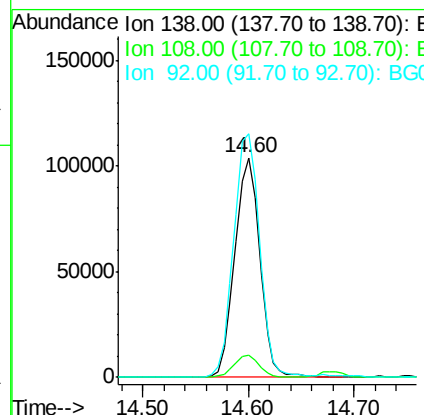
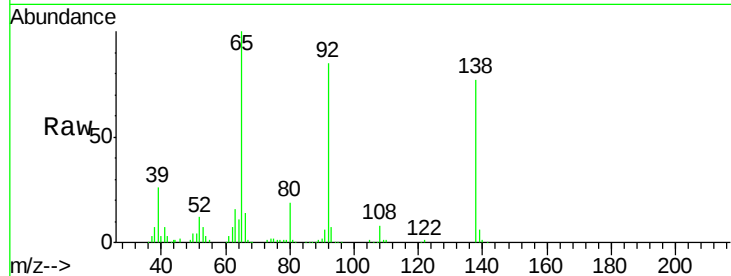
ClientSampleId :

PB118527BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.8	11.8
92	110.9	87.5	131.3

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#54

2,4-Dinitrophenol

Concen: 95.825 ng

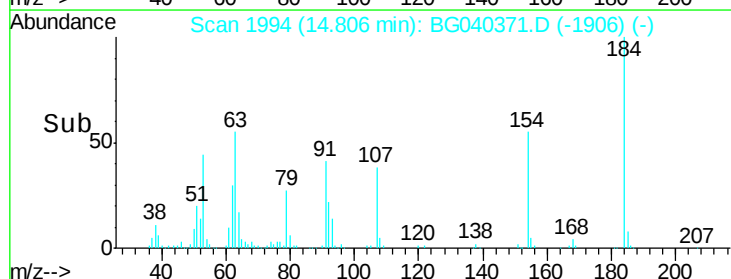
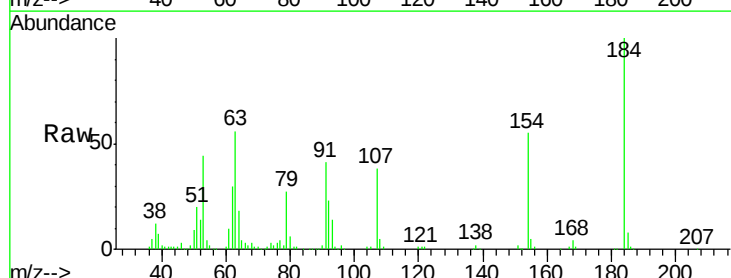
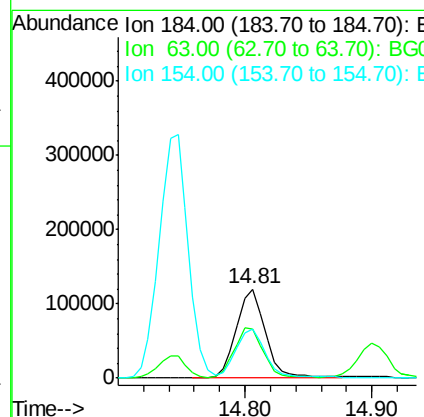
RT: 14.81 min Scan# 1994

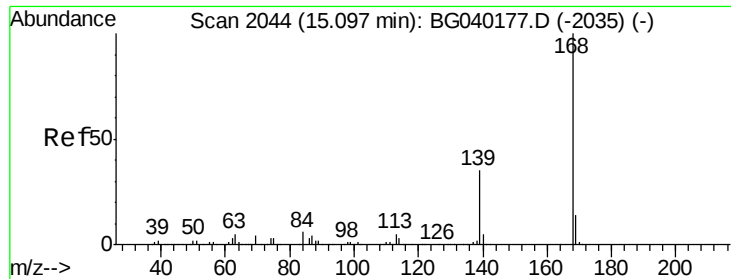
Delta R.T. -0.01 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.6	51.8	77.8
154	54.7	50.9	76.3





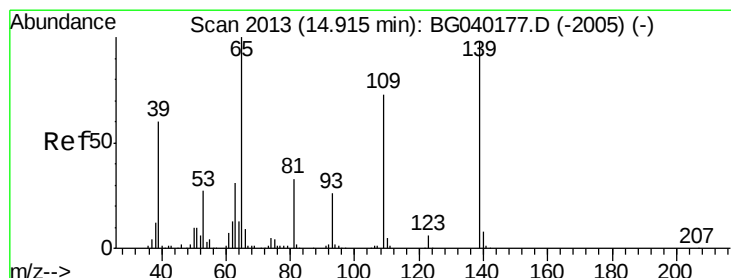
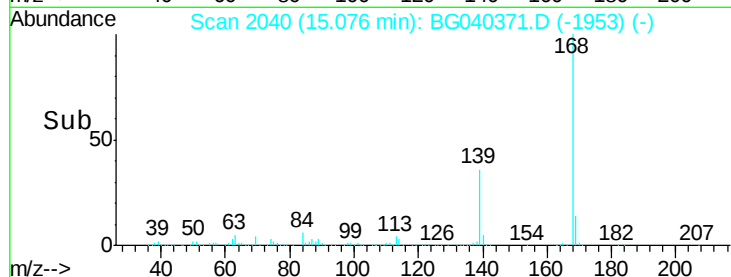
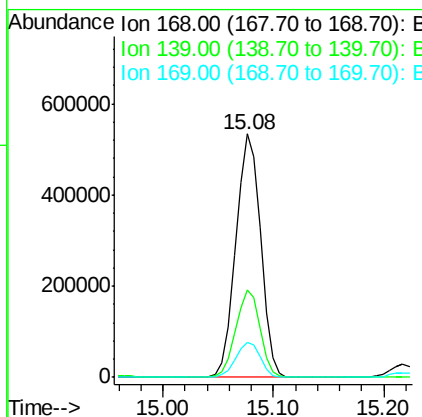
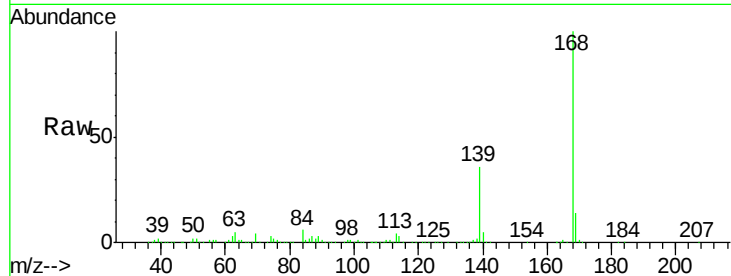
#55
Dibenzenofuran
Concen: 41.895 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	843417		
139	35.7	27.9	41.9	
169	14.3	11.3	16.9	

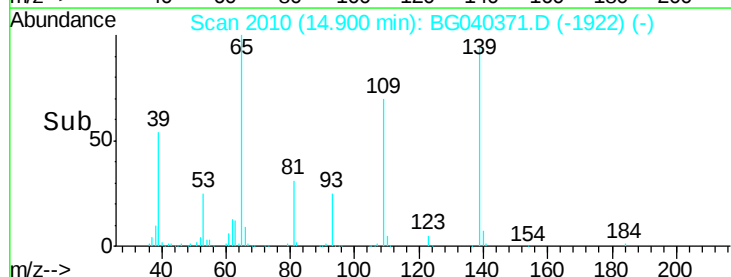
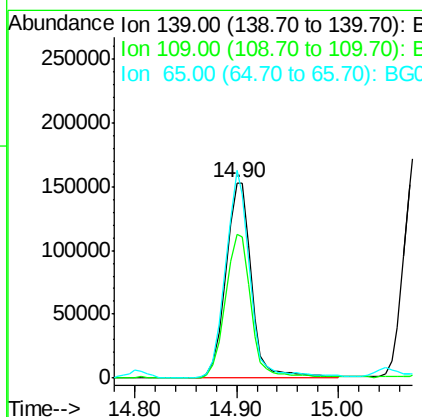
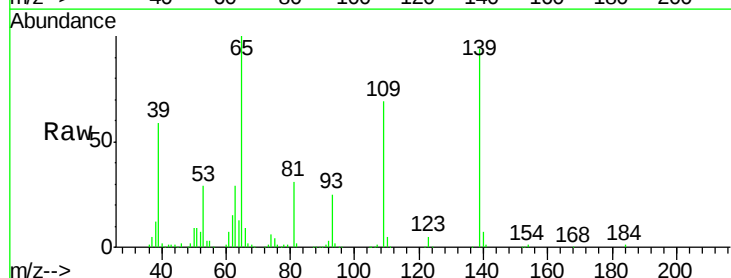
Manual Integrations
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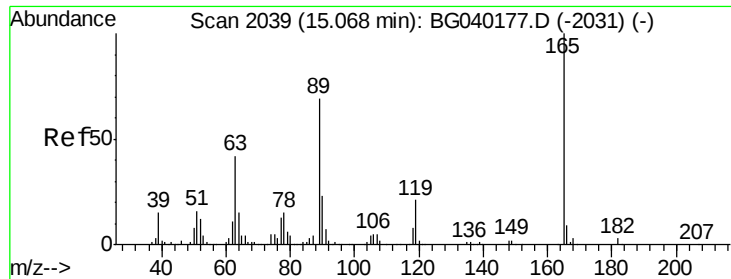
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#56
4-Nitrophenol
Concen: 84.377 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	269533		
109	73.8	54.3	94.3	
65	106.6	82.5	122.5	





#57

2,4-Dinitrotoluene

Concen: 44.378 ng

RT: 15.05 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

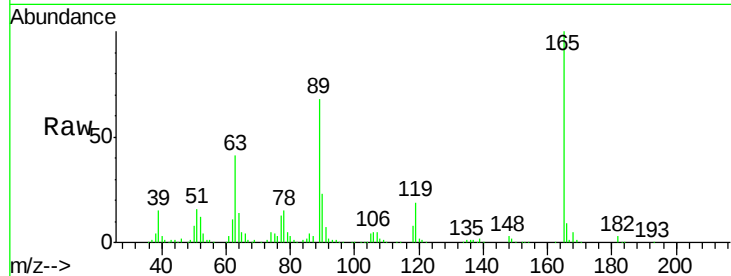
ClientSampleId :

PB118527BSD

Tgt	Ion	Ratio	Resp	Lower	Upper
165	100		230567		
63	40.9		33.8	50.6	
89	67.5		55.4	83.2	
182	3.0		2.2	3.4	

Manual Integrations
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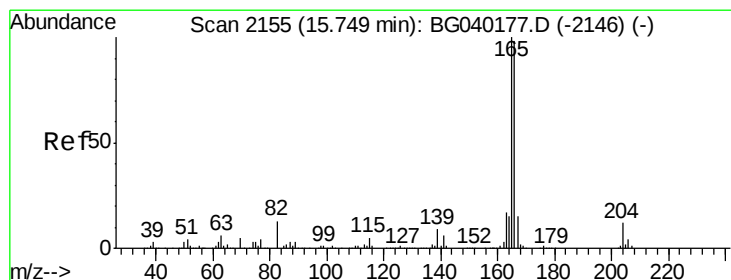
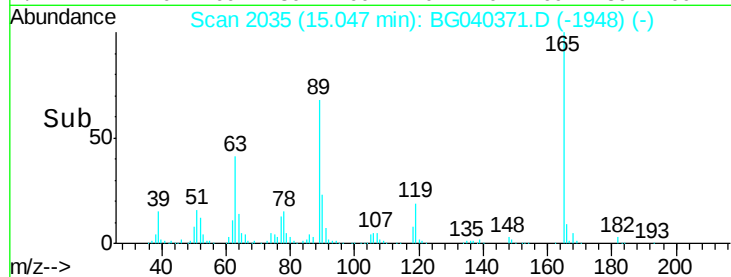
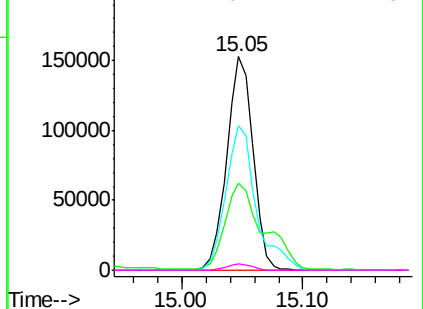


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.042 ng

RT: 15.72 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BG040371.D

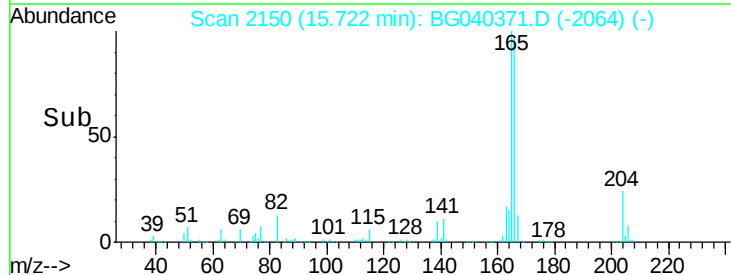
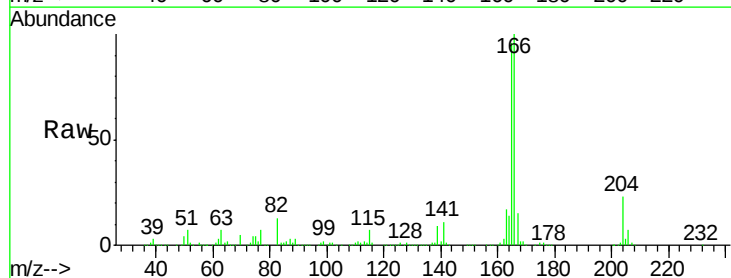
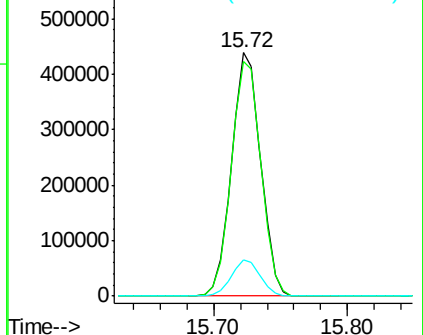
Acq: 4 Apr 2019 22:39

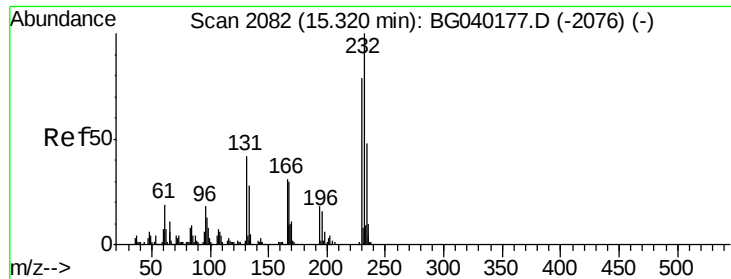
Tgt	Ion	Ratio	Resp	Lower	Upper
166	100		665435		
165	96.3		81.7	122.5	
167	15.1		11.9	17.9	

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





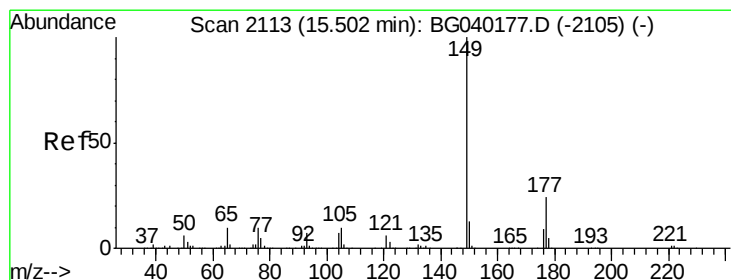
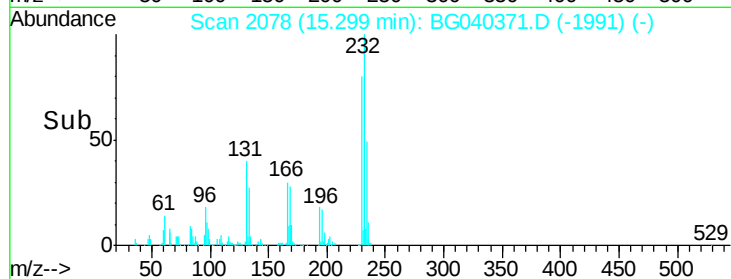
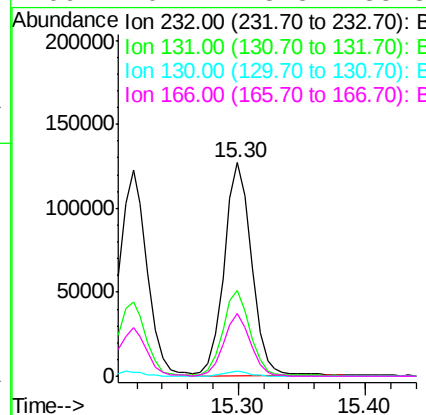
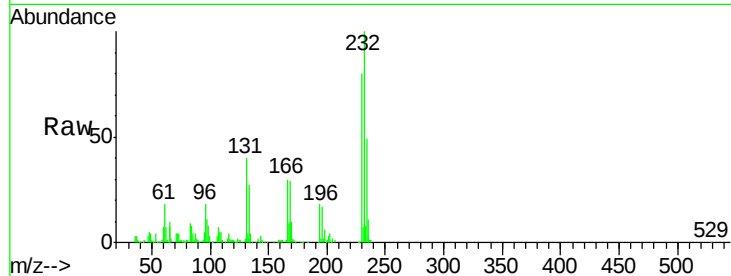
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.073 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	190067		
131	40.2	32.9	49.3	
130	2.2	1.8	2.8	
166	29.1	23.5	35.3	

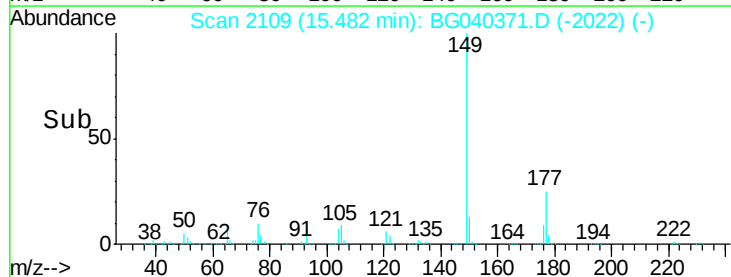
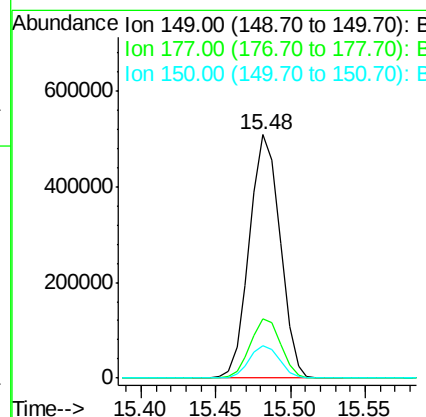
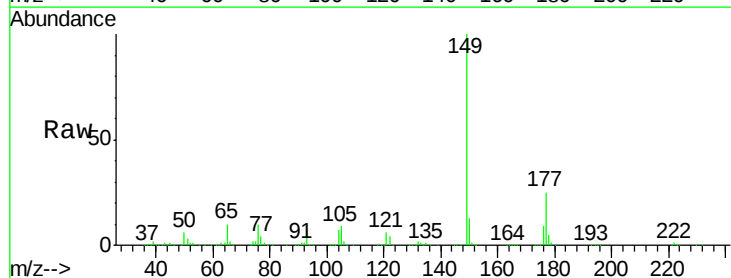
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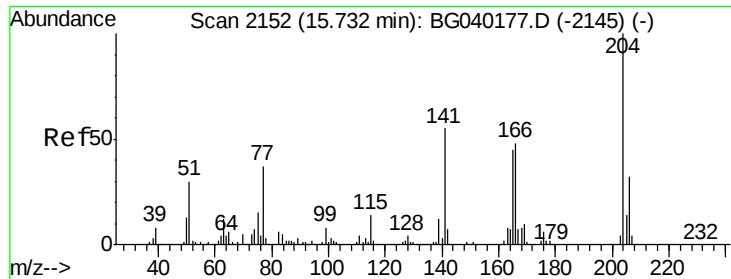
Sohil
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#60
 Diethylphthalate
 Concen: 42.457 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	723484		
177	24.6	19.1	28.7	
150	13.1	10.6	15.8	





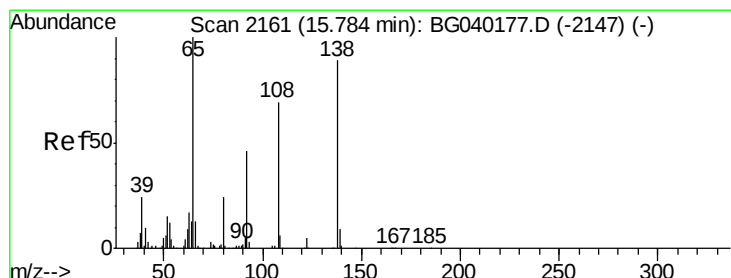
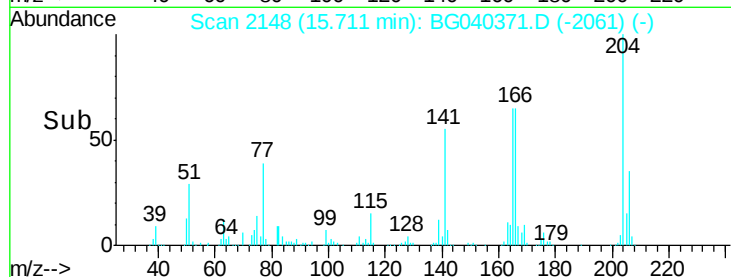
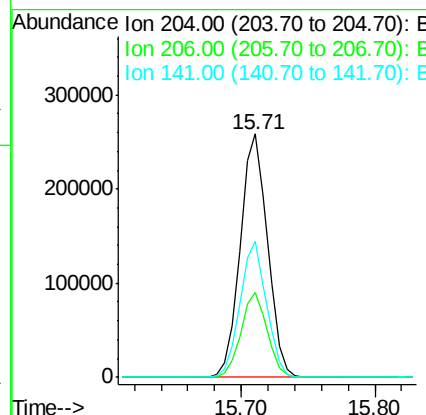
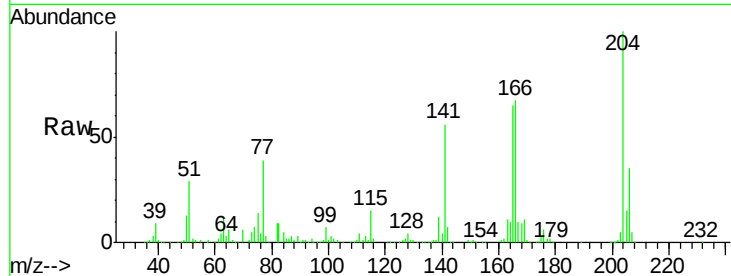
#61
 4-Chlorophenyl-phenylether
 Concen: 43.153 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	25.7	38.5
141	55.7	44.0	66.0

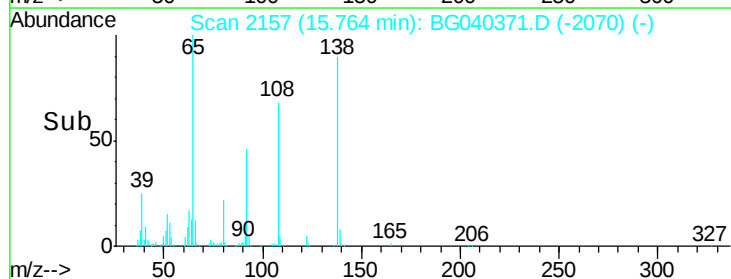
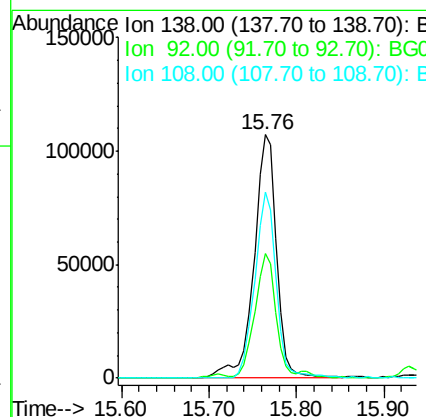
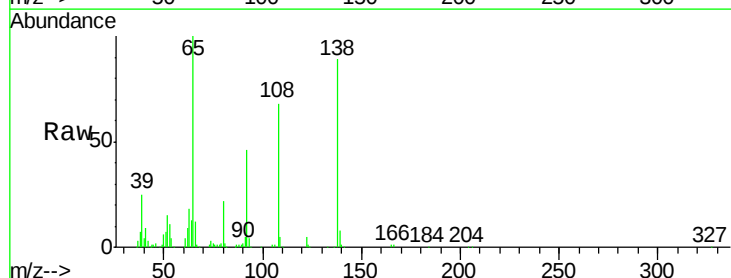
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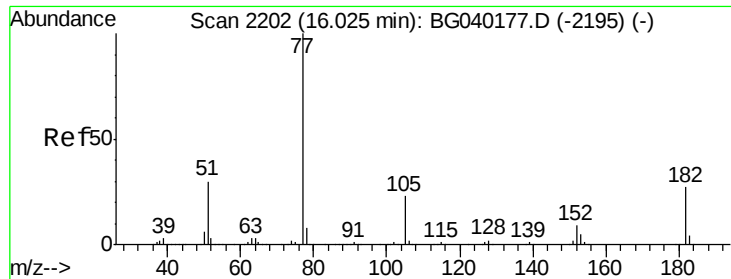
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#62
 4-Nitroaniline
 Concen: 44.724 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.8	71.8
108	76.5	57.2	97.2





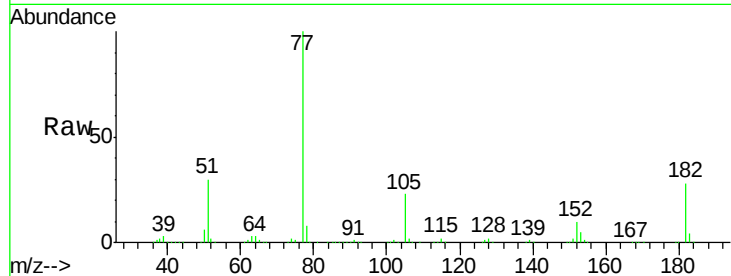
#63
Azobenzene
Concen: 41.645 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

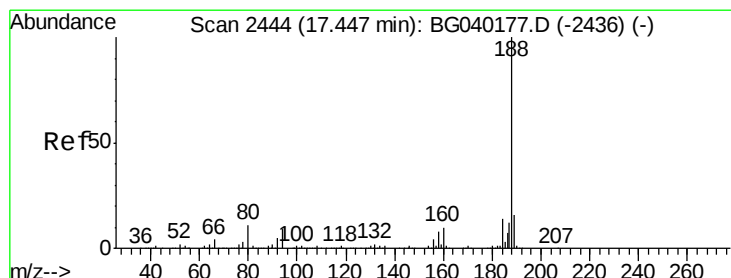
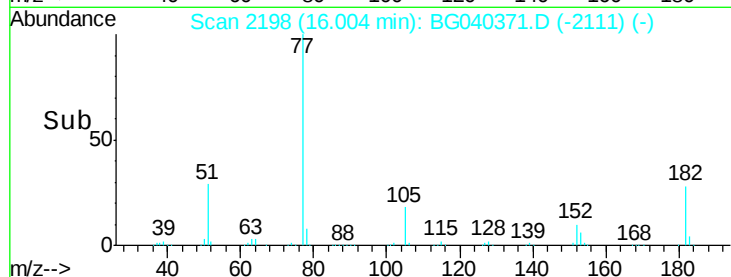
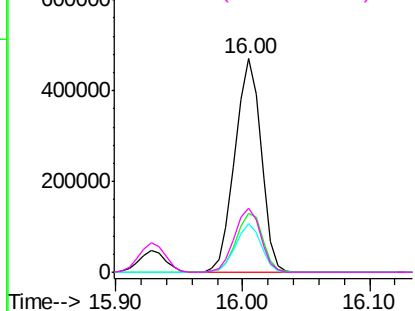
Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	7.2	47.2	
105	22.7	2.8	42.8	
51	29.9	10.4	50.4	

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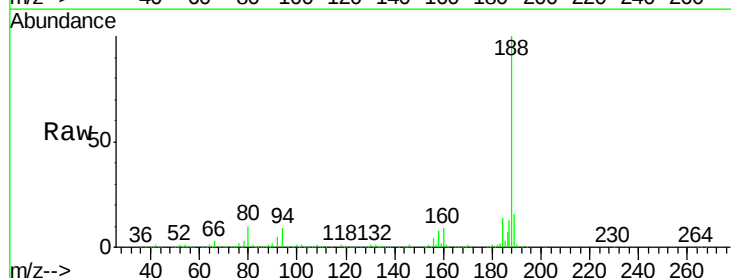


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

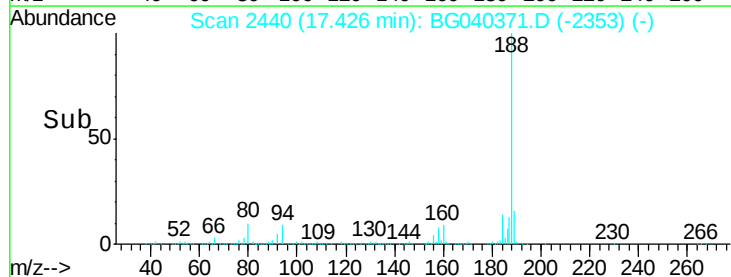
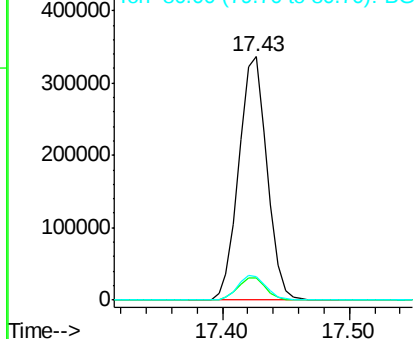


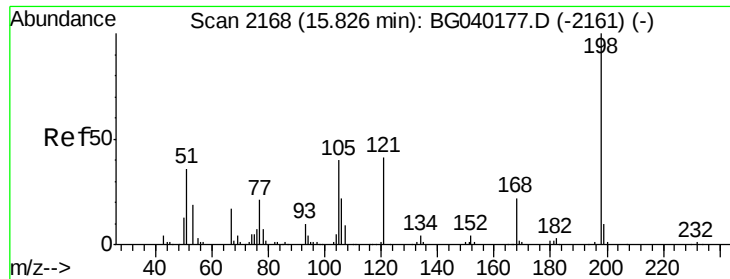
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.0	10.4	
80	9.8	8.6	13.0	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.911 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

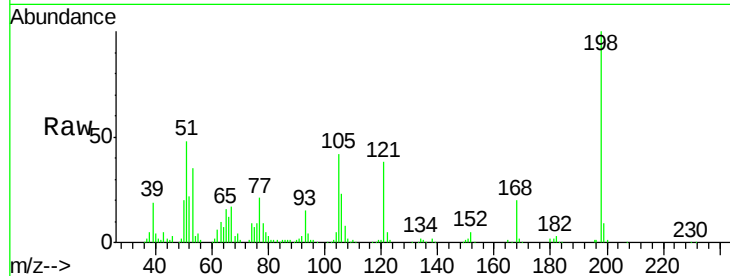
ClientSampleId :

PB118527BSD

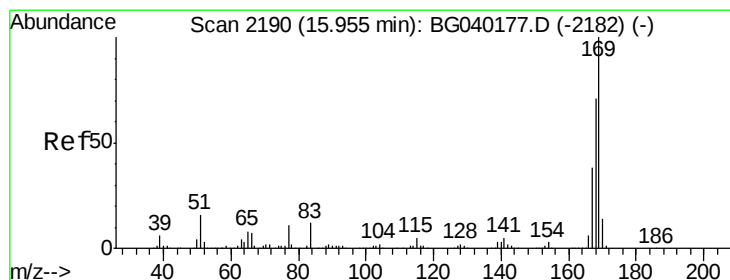
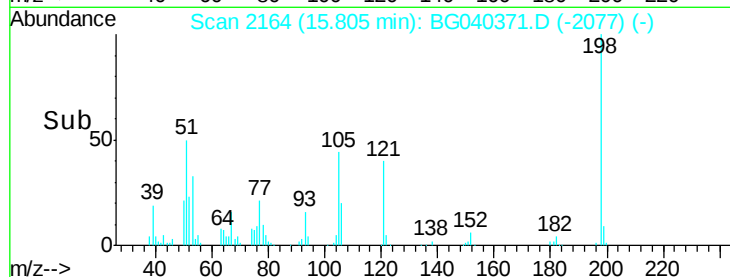
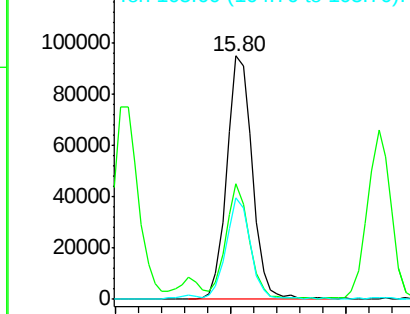
Tgt Ion:	198	Resp:	144973
Ion Ratio	Lower	Upper	
198	100		
51	47.6	27.3	67.3
105	41.8	21.7	61.7

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



#66

n-Nitrosodiphenylamine

Concen: 41.355 ng

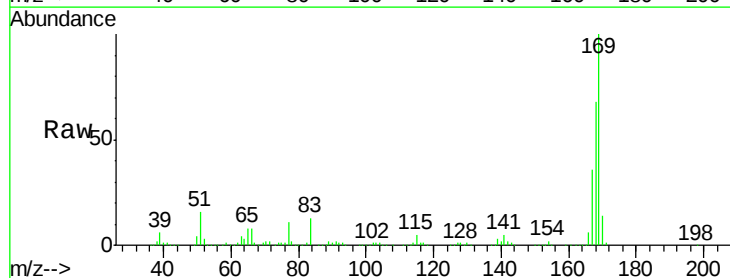
RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

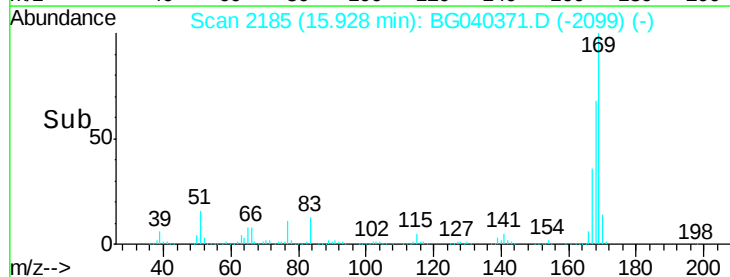
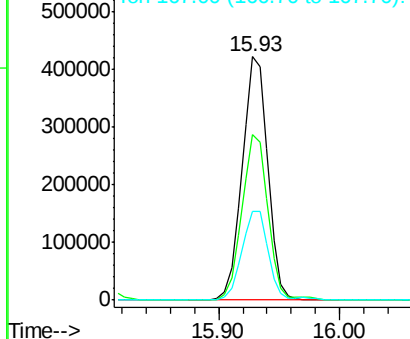
Lab File: BG040371.D

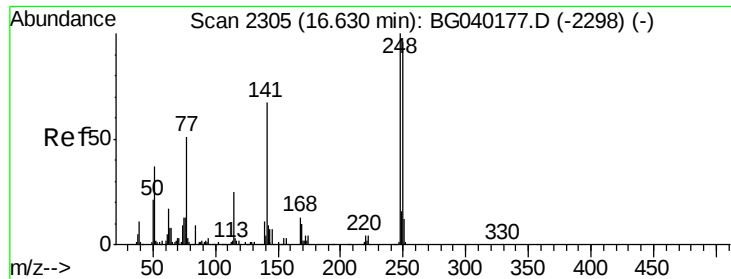
Acq: 4 Apr 2019 22:39

Tgt Ion:	169	Resp:	625661
Ion Ratio	Lower	Upper	
169	100		
168	68.1	56.8	85.2
167	36.4	30.2	45.4



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





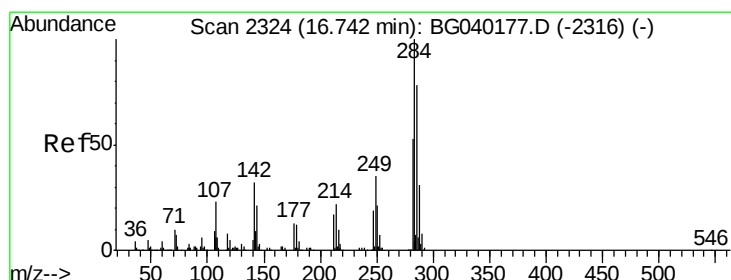
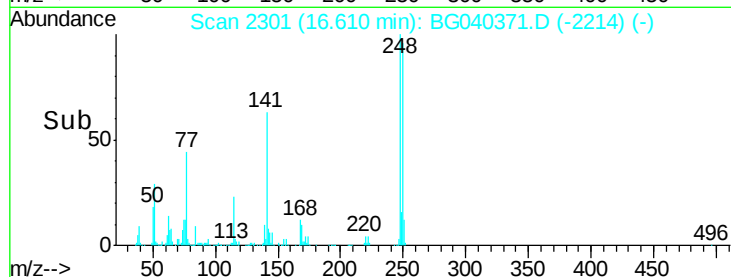
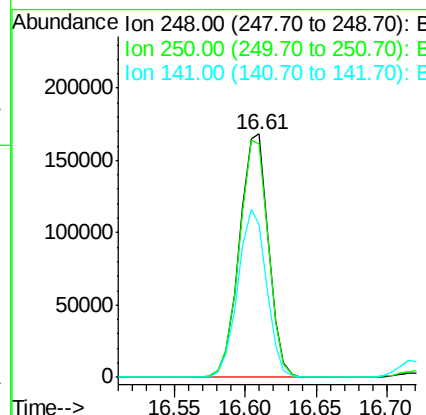
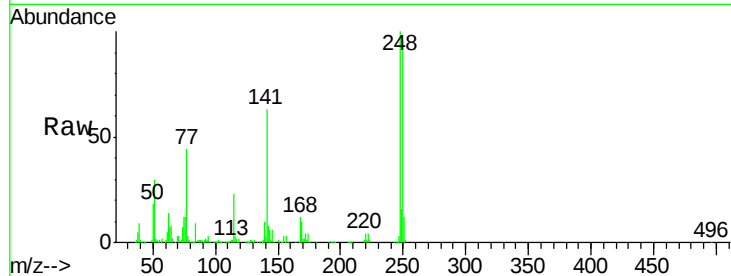
#67
 4-Bromophenyl-phenylether
 Concen: 41.236 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	239917		
250	95.7	76.4	114.6	
141	62.8	53.8	80.8	

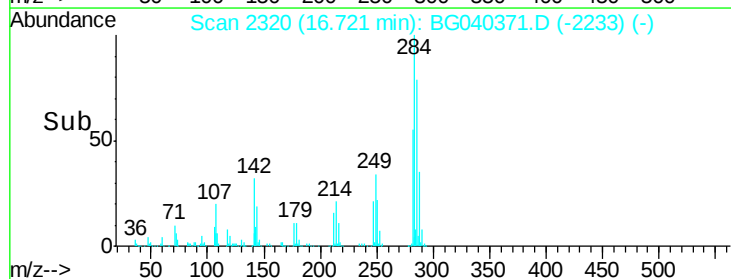
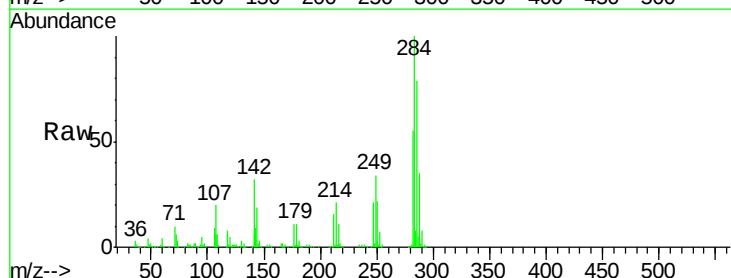
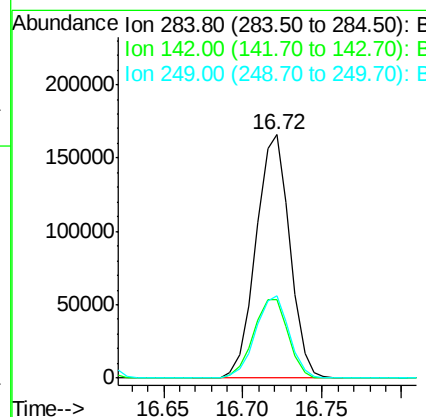
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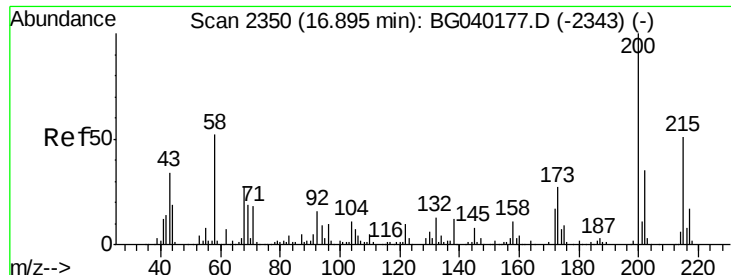
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#68
 Hexachlorobenzene
 Concen: 41.968 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	245506		
142	32.3	25.3	37.9	
249	33.6	28.2	42.2	





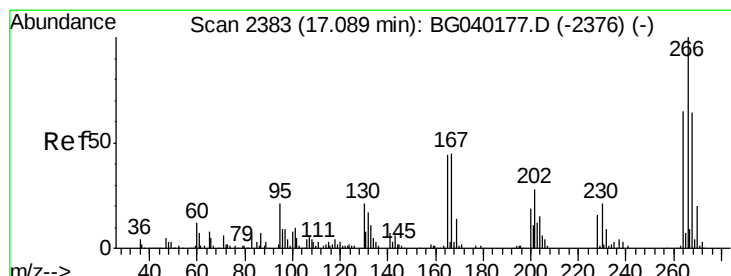
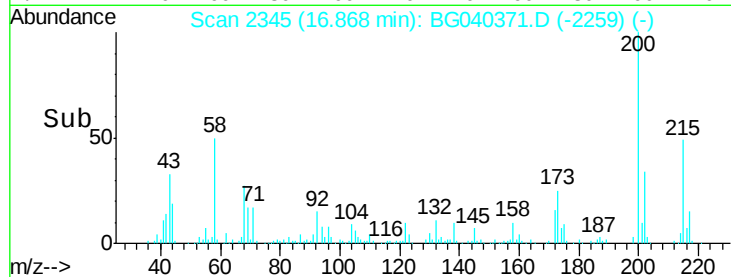
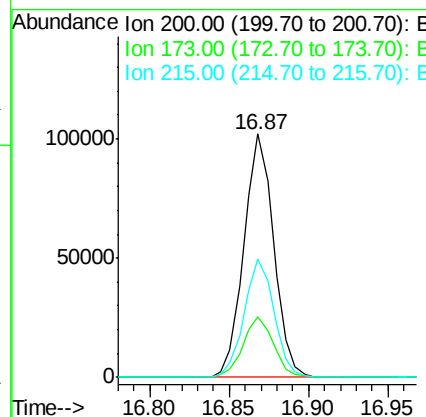
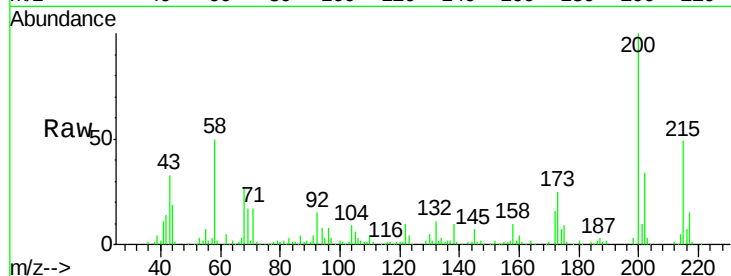
#69
 Atrazine
 Concen: 23.645 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.0	7.1	47.1
215	48.8	30.9	70.9

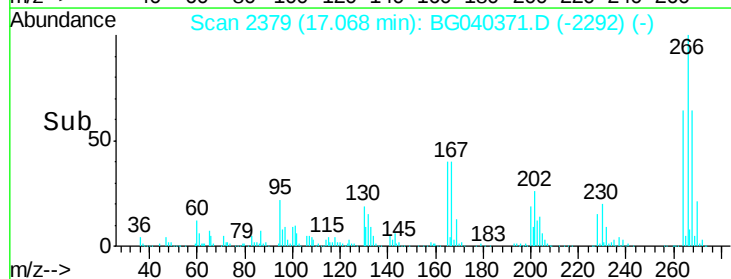
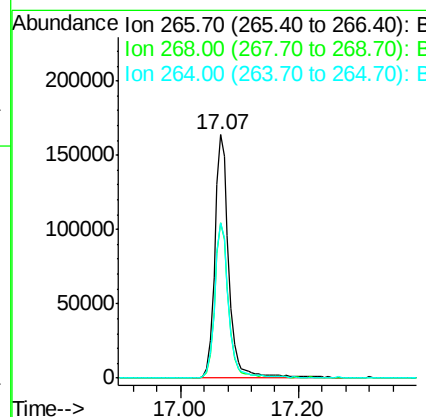
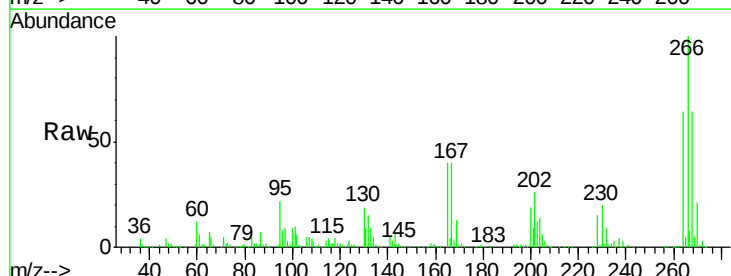
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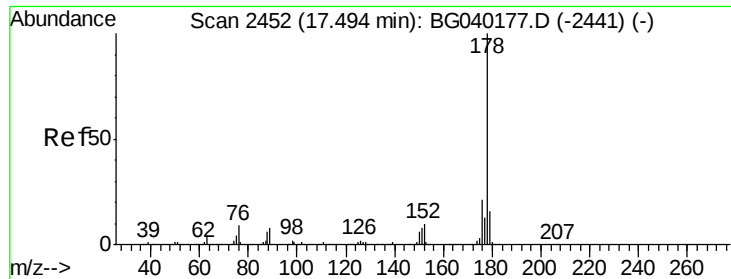
Sohil
 4/5/2019 12:25:03 PM



#70
 Pentachlorophenol
 Concen: 80.789 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	55.0	82.4
264	64.0	51.8	77.8





#71

Phenanthrene

Concen: 40.948 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion:178 Resp: 1112763

Ion Ratio Lower Upper

178 100

176 21.5 16.7 25.1

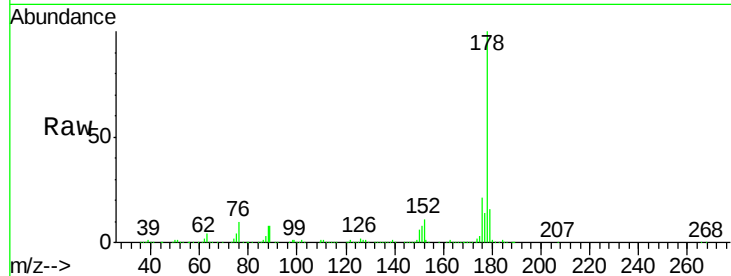
179 16.3 12.8 19.2

Manual Integrations

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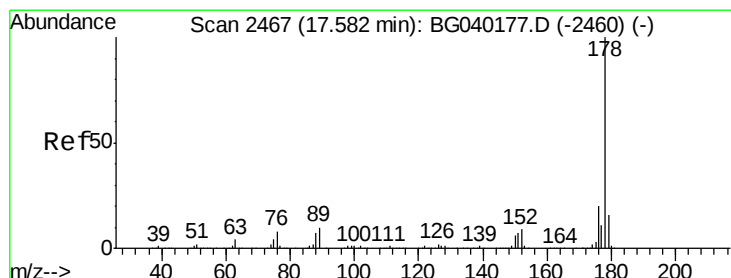
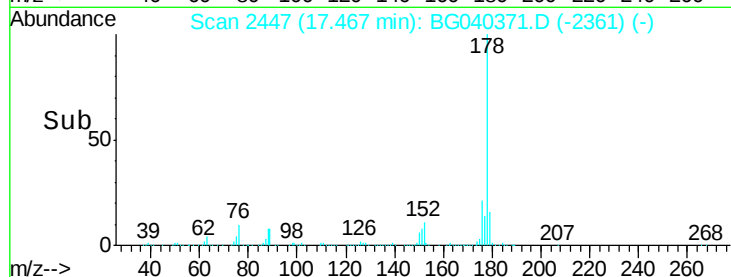
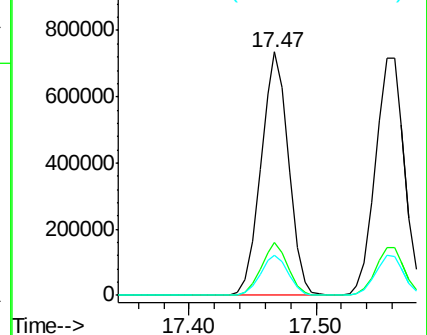
4/5/2019 12:25:03 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.956 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

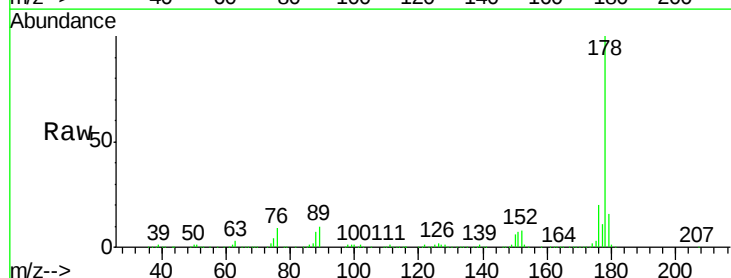
Tgt Ion:178 Resp: 1141200

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

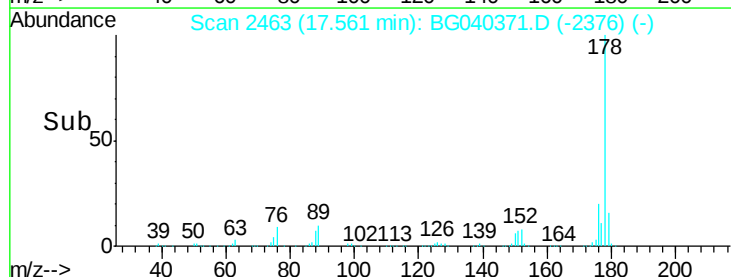
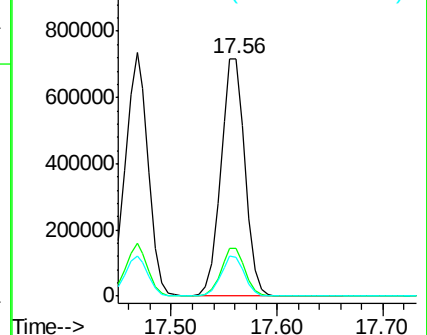
179 16.1 12.9 19.3

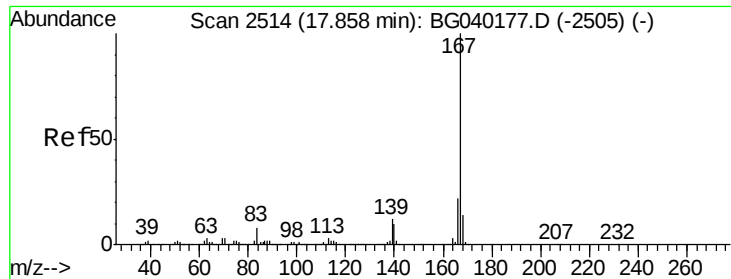


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





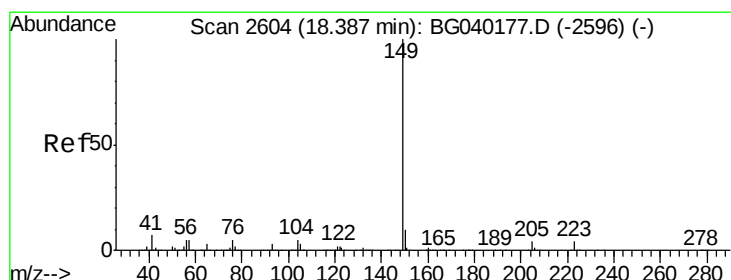
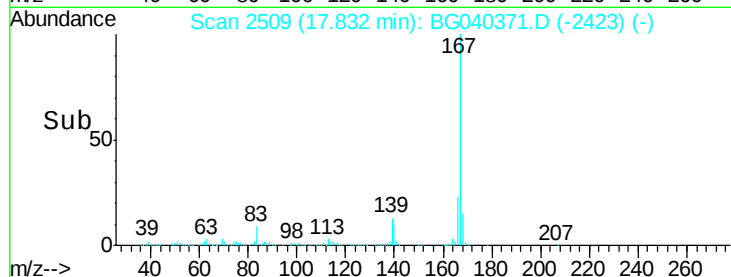
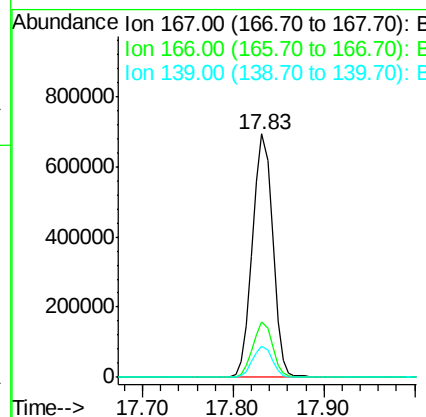
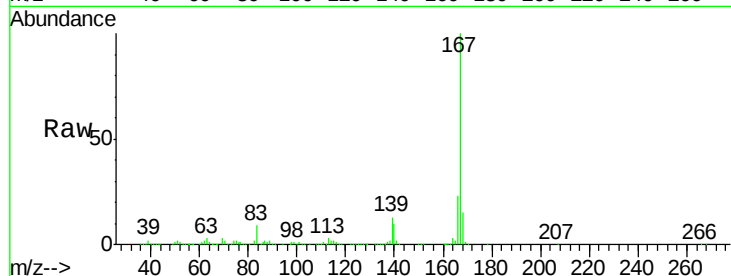
#73
 Carbazole
 Concen: 41.906 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion:167 Resp: 1078708
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.5 26.3
 139 12.6 10.0 15.0

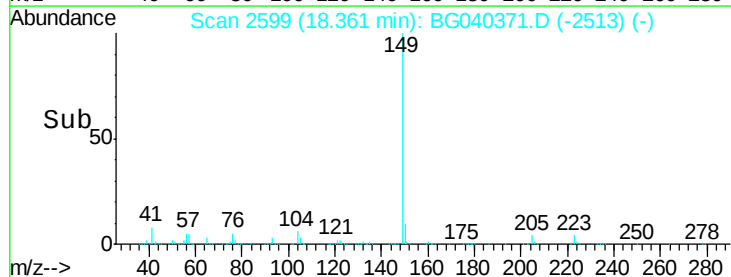
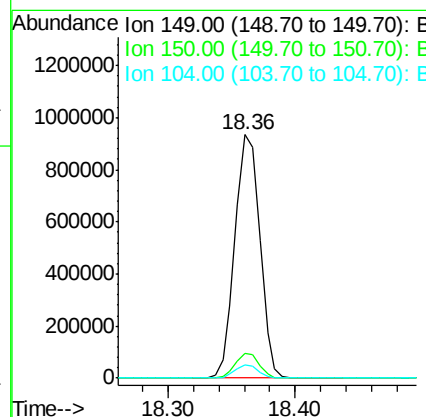
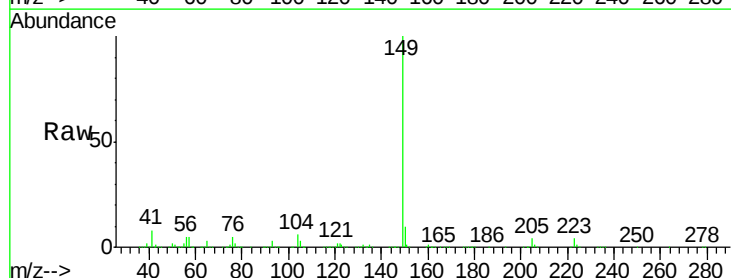
Manual Integrations
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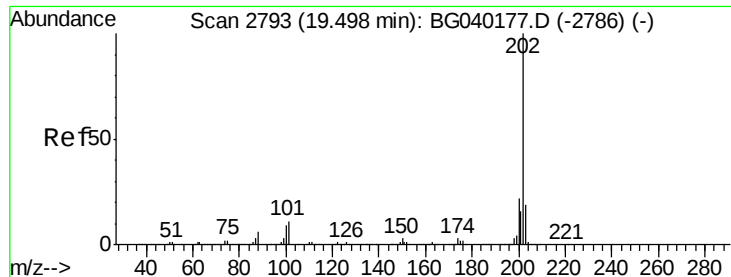
Sohil
 4/5/2019 12:25:03 PM



#74
 Di-n-butylphthalate
 Concen: 41.536 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:149 Resp: 1267362
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.9 11.9
 104 5.6 4.1 6.1





#75

Fluoranthene

Concen: 43.012 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

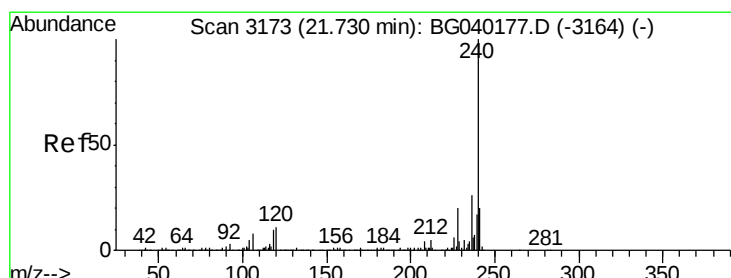
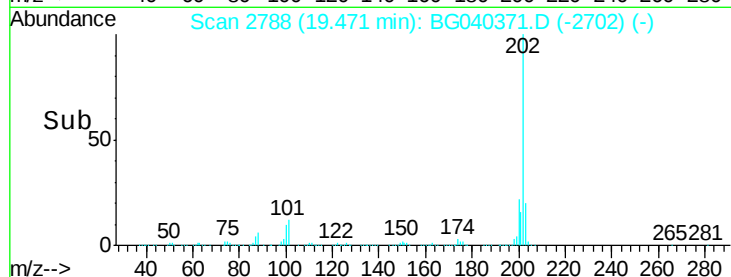
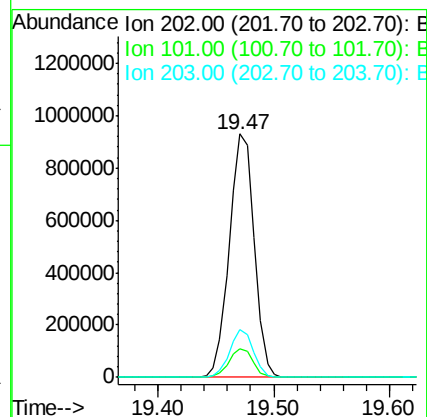
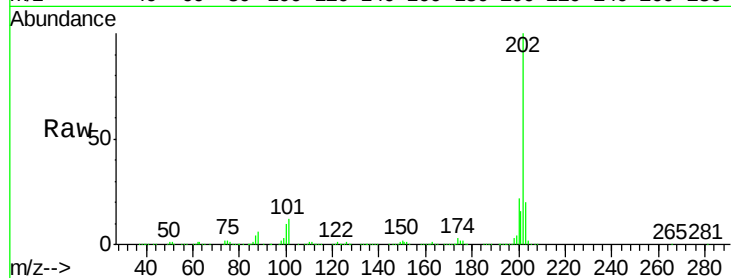
ClientSampleId :

PB118527BSD

Tgt Ion:	202	Resp:	1384040
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	30.8
203	19.5	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

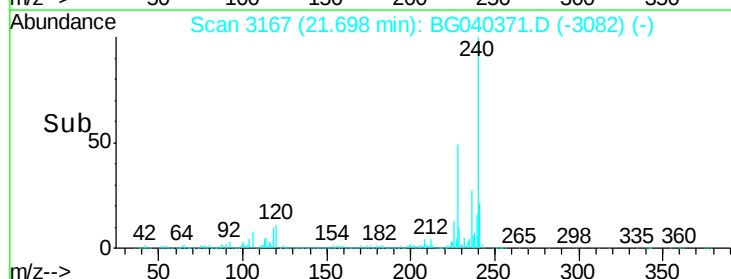
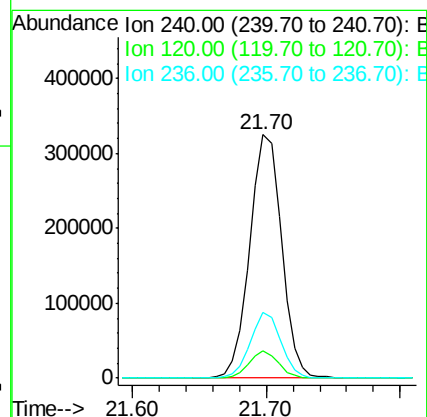
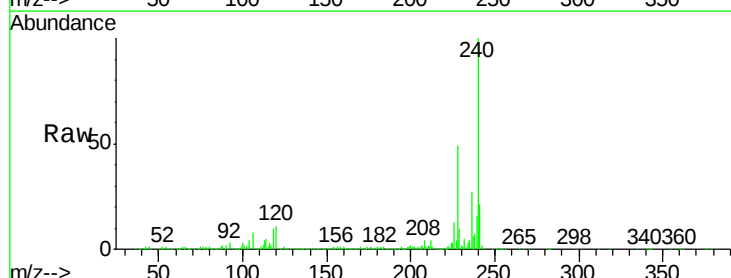
RT: 21.70 min Scan# 3167

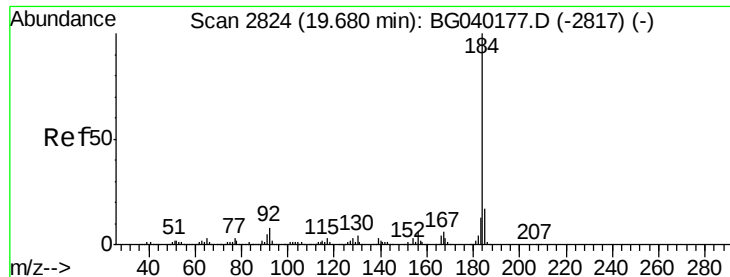
Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:	240	Resp:	533850
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.4	12.6
236	27.2	20.8	31.2





#77

Benzidine

Concen: 52.223 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

ClientSampleId :

PB118527BSD

Tgt Ion:184 Resp: 1006746

Ion Ratio Lower Upper

184 100

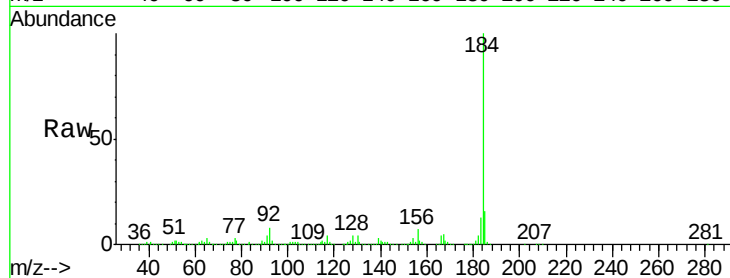
185 16.0 13.3 19.9

183 12.9 10.3 15.5

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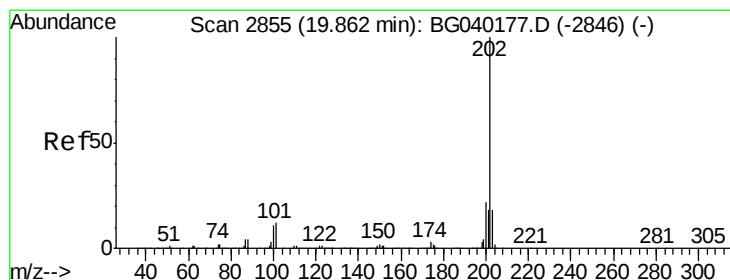
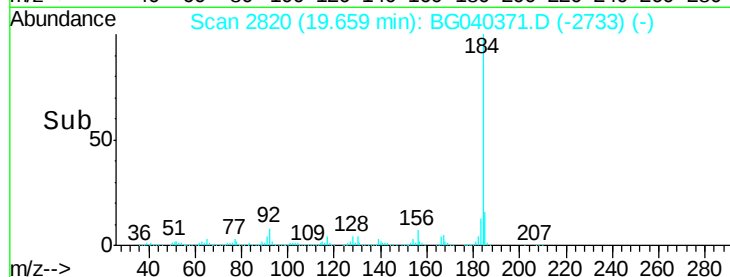
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.66

Time-->



#78

Pyrene

Concen: 39.185 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

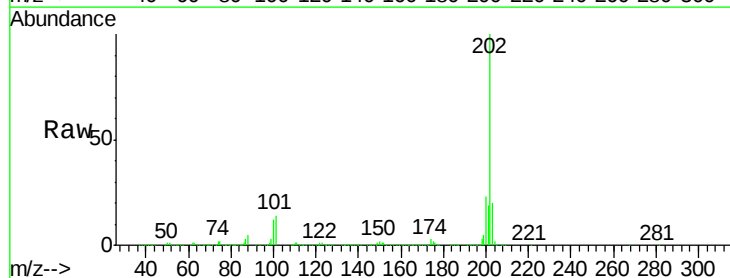
Tgt Ion:202 Resp: 1375640

Ion Ratio Lower Upper

202 100

200 22.9 17.3 25.9

203 19.9 14.6 22.0



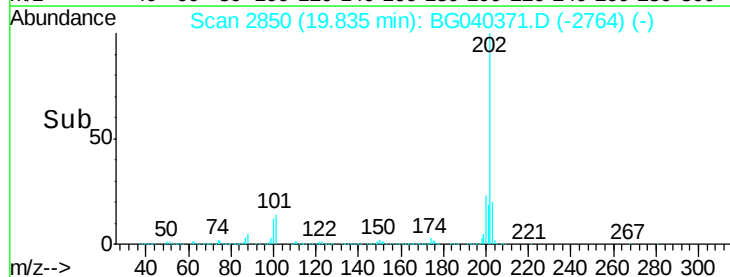
Abundance Ion 202.00 (201.70 to 202.70): E

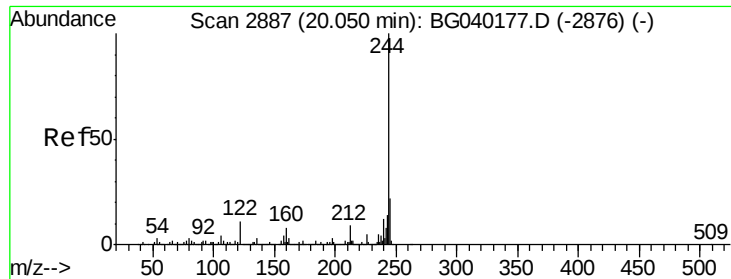
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.84

Time-->





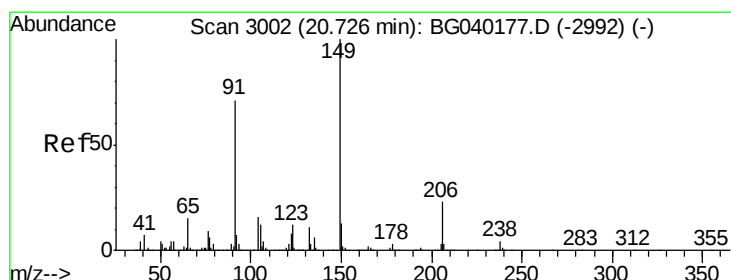
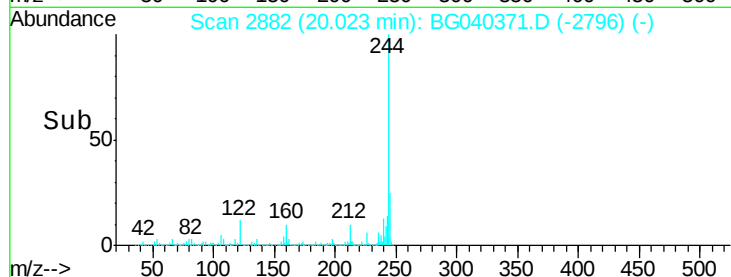
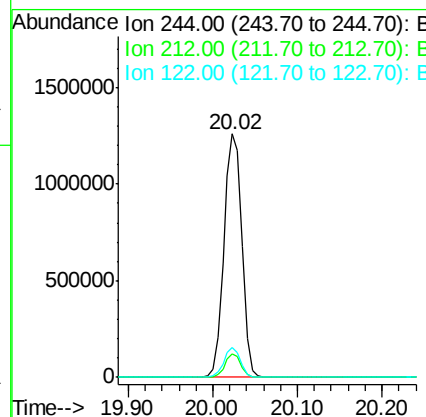
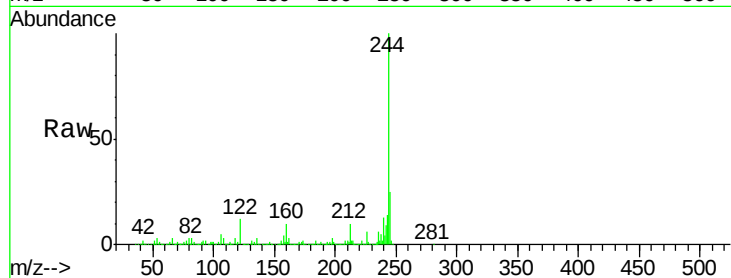
#79
 Terphenyl-d14
 Concen: 78.223 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Instrument :
 BNA_G
 ClientSampleId :
 PB118527BSD

Tgt Ion:244 Resp: 1856263
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.0 10.6
 122 12.2 8.5 12.7

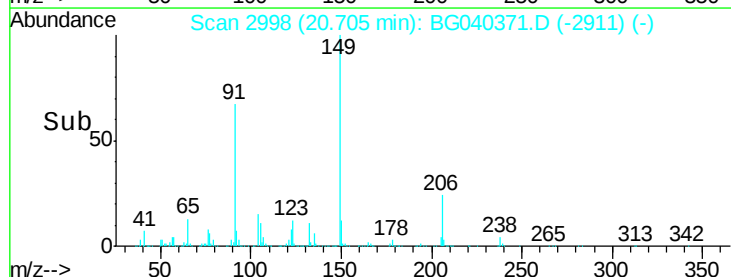
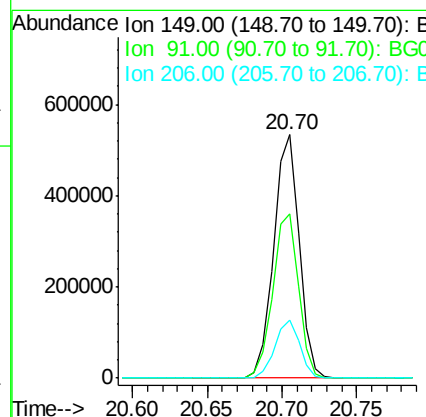
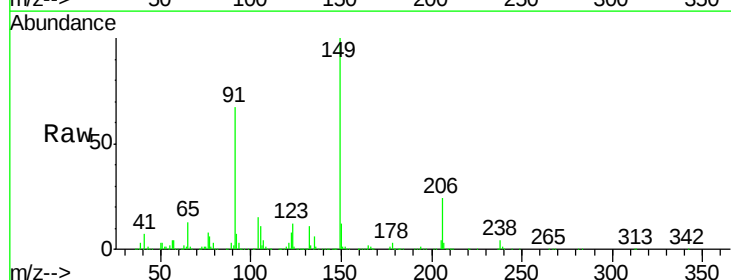
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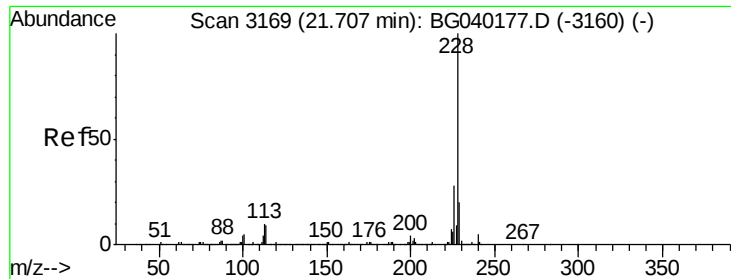
Sohil
 4/5/2019 12:25:03 PM



#80
 Butylbenzylphthalate
 Concen: 41.928 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BG040371.D
 Acq: 4 Apr 2019 22:39

Tgt Ion:149 Resp: 629863
 Ion Ratio Lower Upper
 149 100
 91 67.3 57.0 85.4
 206 24.1 18.2 27.4





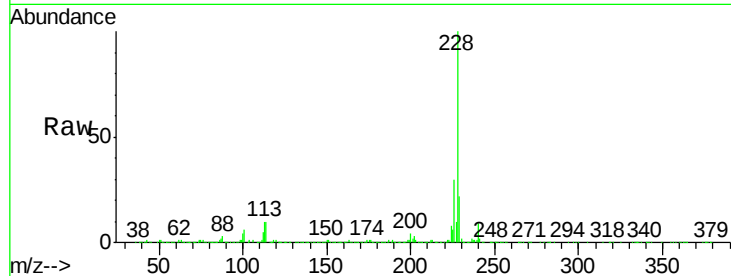
#81
Benzo(a)anthracene
Concen: 41.568 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	34.0
229	21.7	16.1	24.1

Manual Integrations
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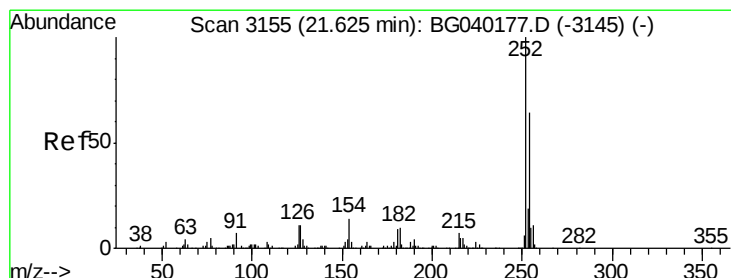
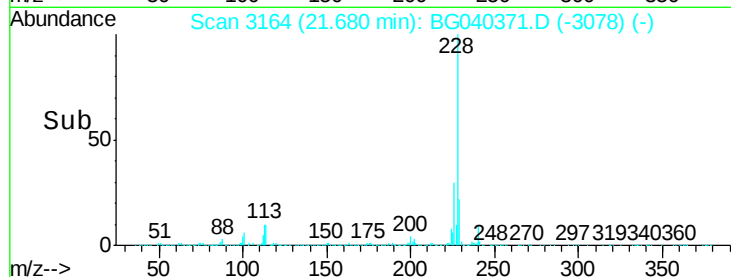
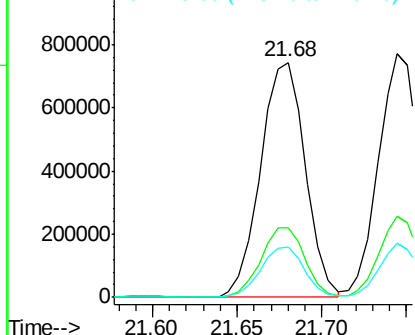


Abundance

Ion 228.00 (227.70 to 228.70): E

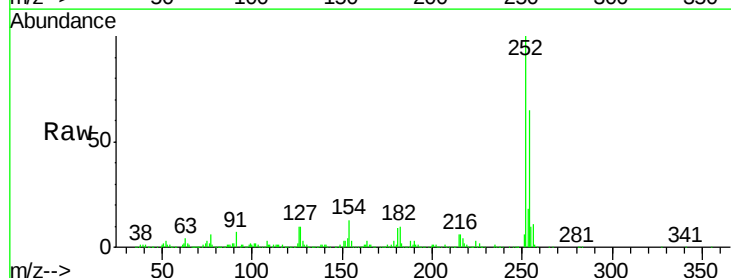
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 42.740 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.4	77.2
126	9.8	8.5	12.7

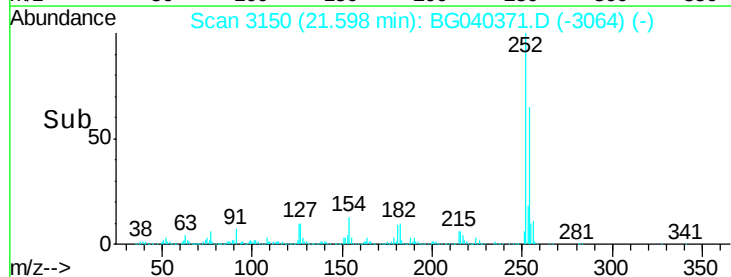
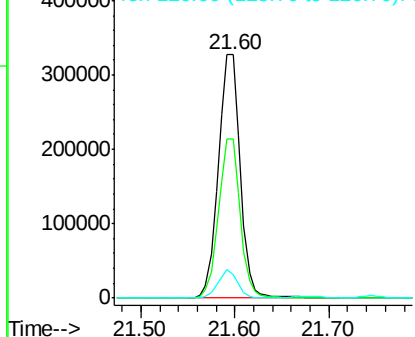


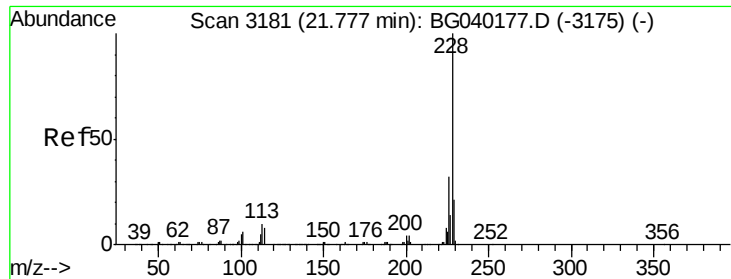
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





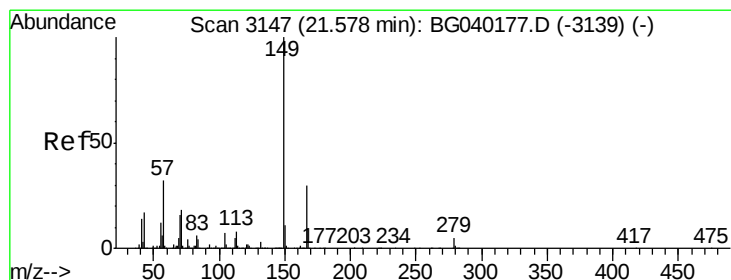
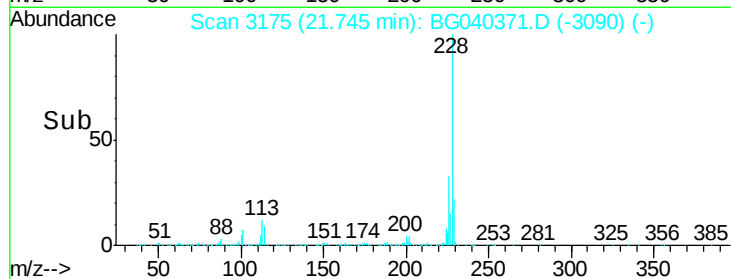
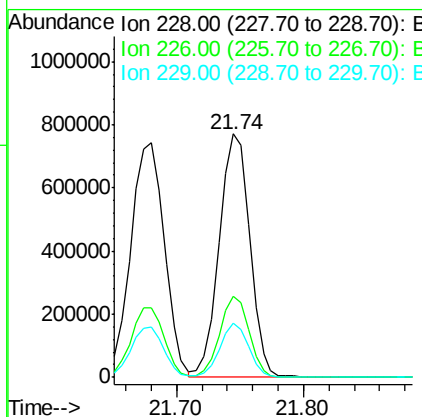
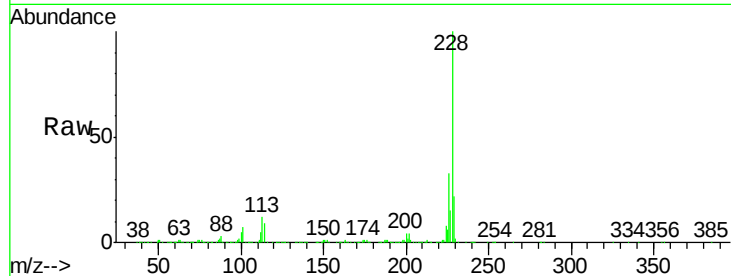
#83
Chrysene
Concen: 40.753 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion:228 Resp: 1287869
Ion Ratio Lower Upper
228 100
226 33.5 25.4 38.0
229 22.1 17.0 25.4

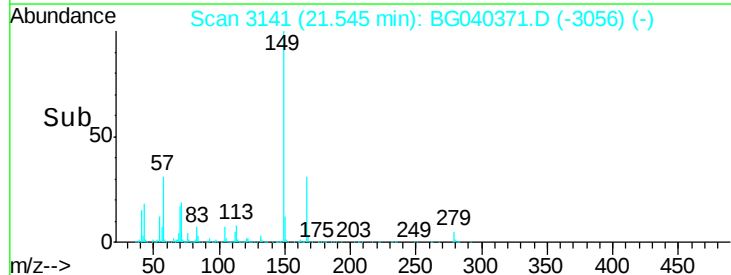
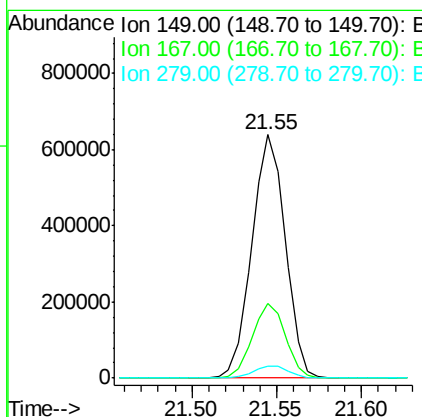
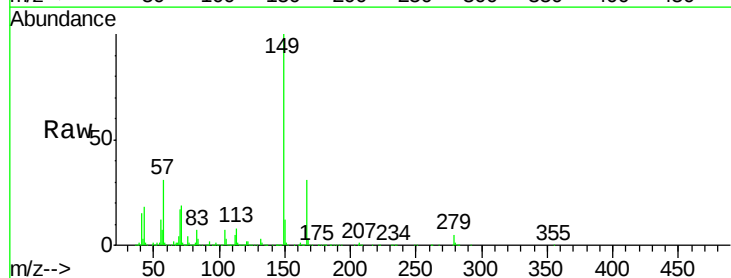
Manual Integrations
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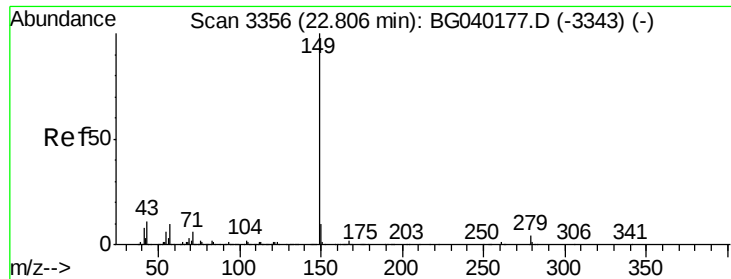
Sohil
4/5/2019 12:25:03 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.013 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion:149 Resp: 880721
Ion Ratio Lower Upper
149 100
167 30.8 24.1 36.1
279 4.8 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.787 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Instrument :

BNA_G

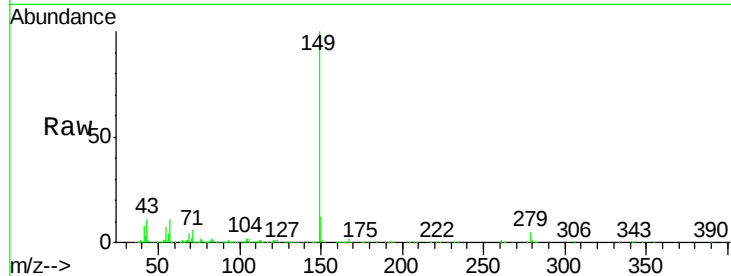
ClientSampleId :

PB118527BSD

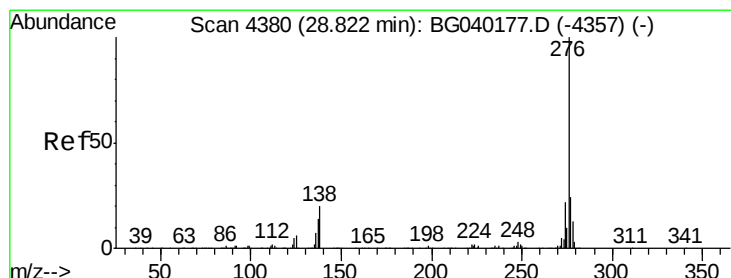
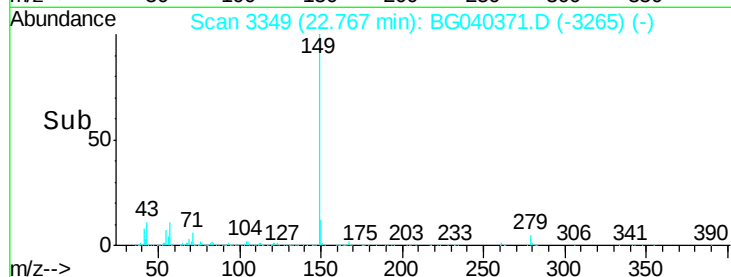
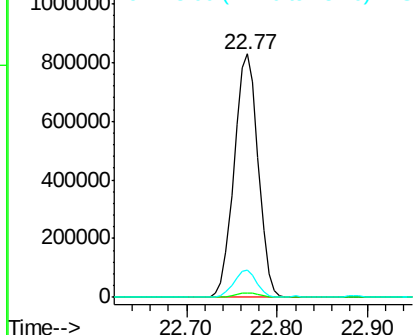
Tgt Ion:	149	Resp:	1528871
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.9	8.7	13.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.079 ng

RT: 28.74 min Scan# 4365

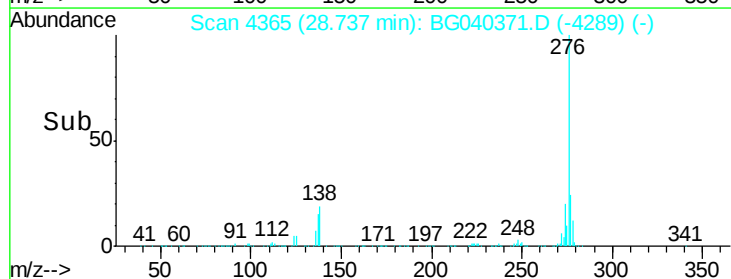
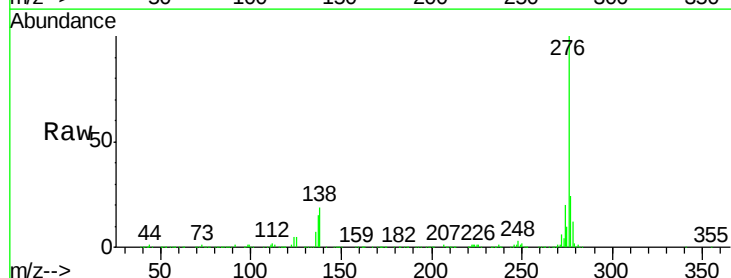
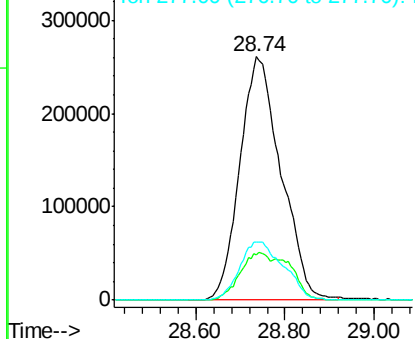
Delta R.T. -0.09 min

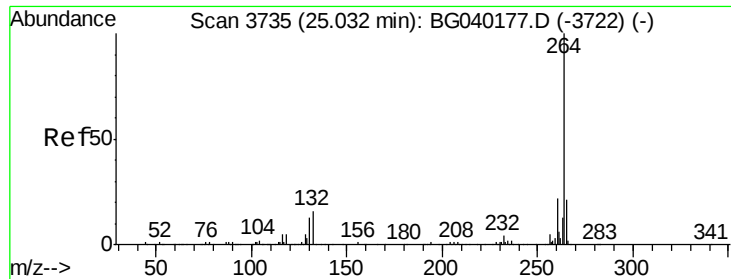
Lab File: BG040371.D

Acq: 4 Apr 2019 22:39

Tgt Ion:	276	Resp:	1665045
Ion Ratio	Lower	Upper	
276	100		
138	14.4	18.8	28.2#
277	25.7	21.0	31.4

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





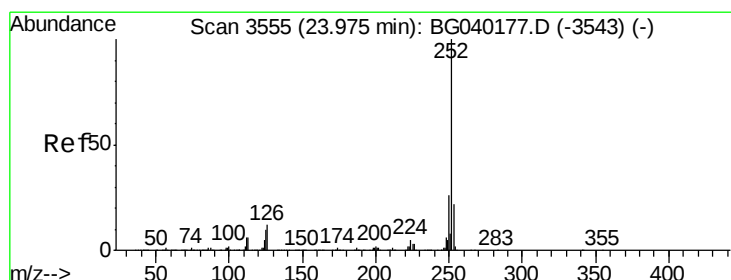
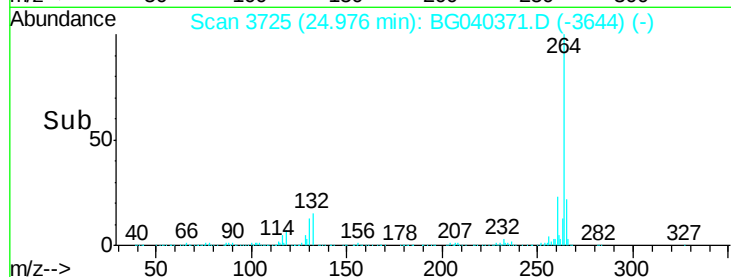
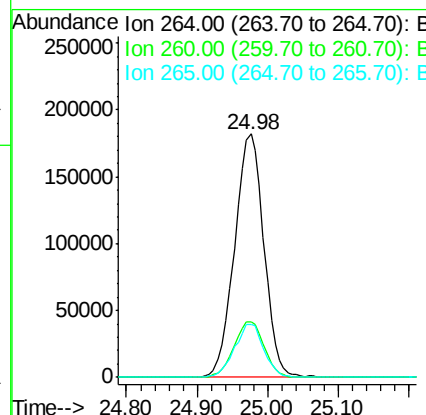
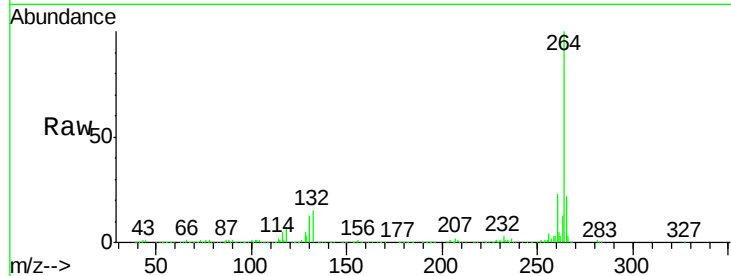
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	21.7	16.8	25.2

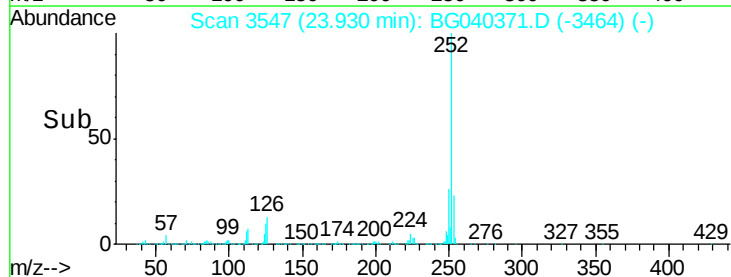
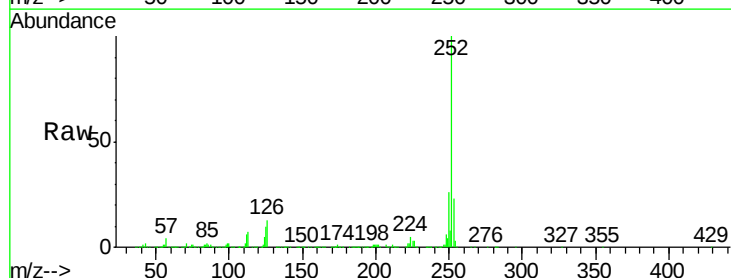
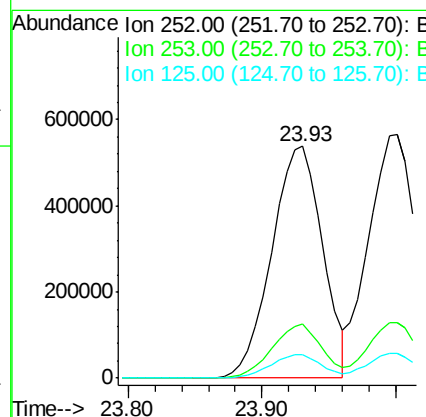
Manual Integrations
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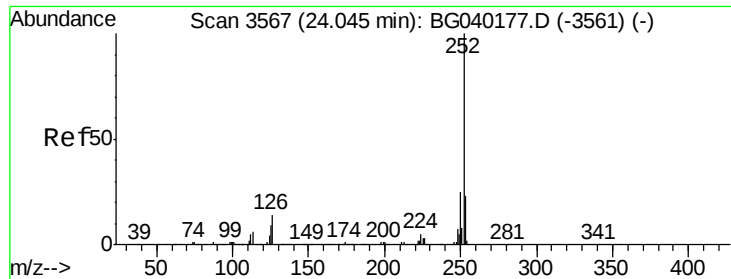
Sohil
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#88
Benzo(b)fluoranthene
Concen: 44.340 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.04 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.3	8.2	12.4





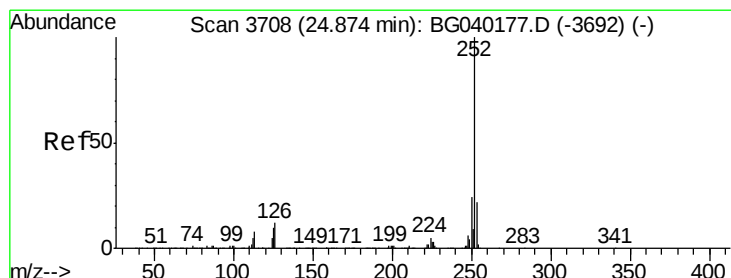
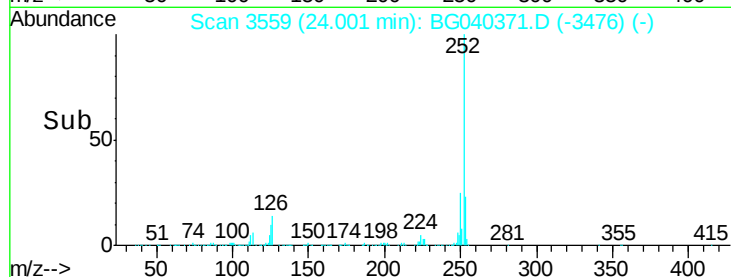
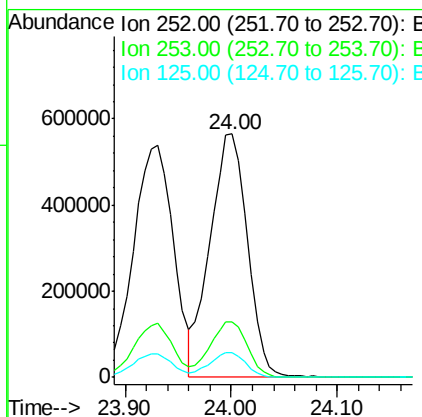
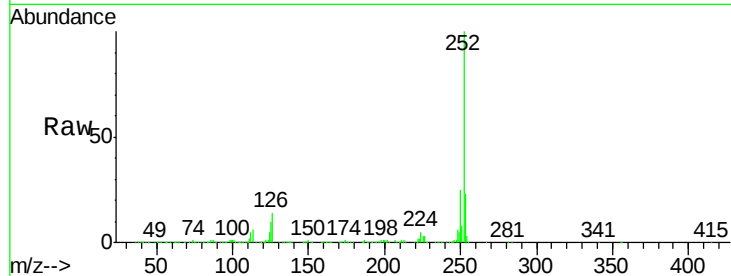
#89
Benzo(k)fluoranthene
Concen: 47.026 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.04 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	10.2	7.3	10.9

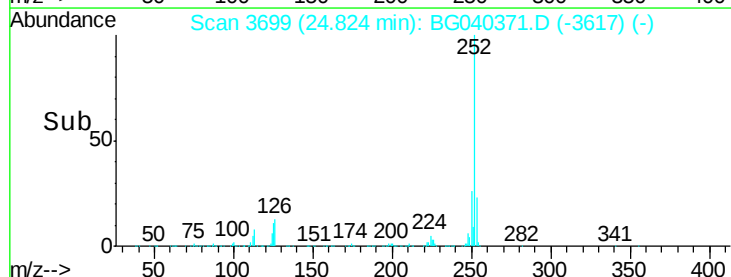
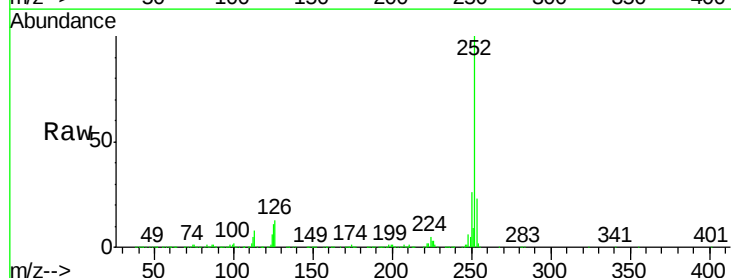
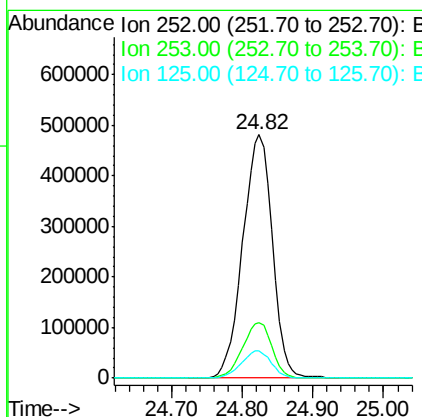
Manual Integrations
APPROVED

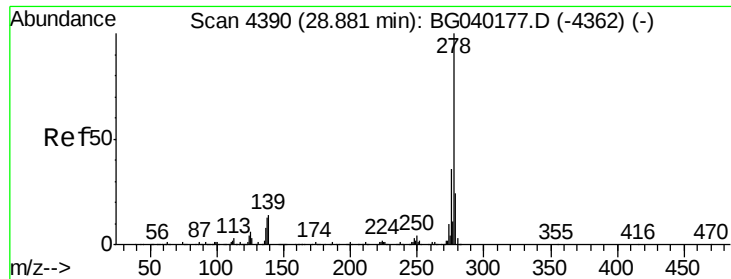
Sohil
4/5/2019 12:25:03 PM



#90
Benzo(a)pyrene
Concen: 46.744 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.1	8.3	12.5





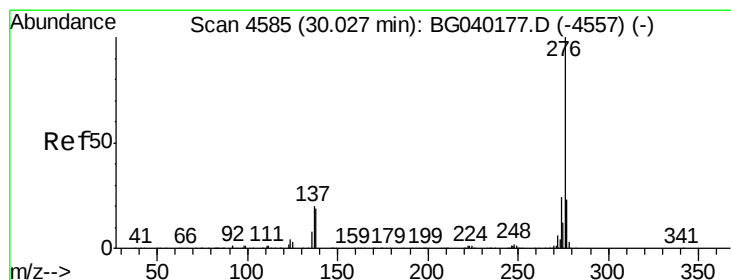
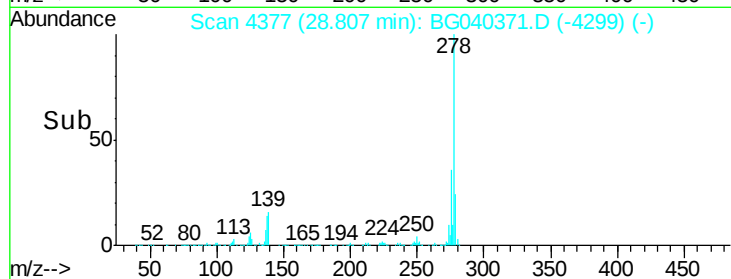
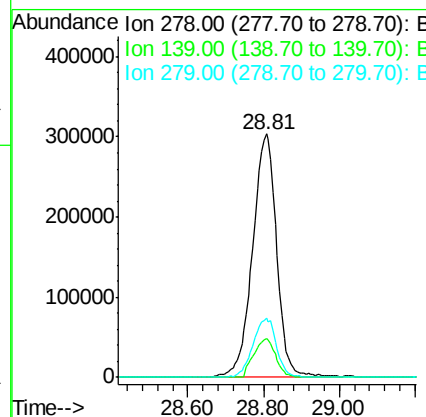
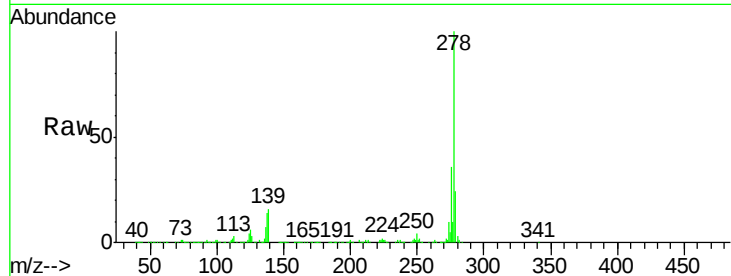
#91
Dibenzo(a,h)anthracene
Concen: 47.950 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.07 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Instrument :
BNA_G
ClientSampleId :
PB118527BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.2	16.8
279	24.4	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/5/2019 12:25:03 PM



#92
Benzo(g,h,i)perylene
Concen: 48.157 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.10 min
Lab File: BG040371.D
Acq: 4 Apr 2019 22:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	20.7	15.2	22.8

