

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039032.D
 Acq On : 9 Jan 2019 22:26
 Operator : JU/SJ
 Sample : K1082-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MSD

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:15:26 PM

Quant Time: Jan 10 04:53:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	21158	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	92374	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66918	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	172018	20.00	ng	0.00
76) Chrysene-d12	21.70	240	173828	20.00	ng	0.00
87) Perylene-d12	24.98	264	191433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	119059	106.75	ng	0.00
7) Phenol-d6	7.19	99	172962	107.76	ng	0.00
23) Nitrobenzene-d5	9.21	82	101791	60.30	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	105845	94.36	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	284936	58.27	ng	0.00
79) Terphenyl-d14	20.02	244	533248	56.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	10070	23.055	ng	# 87
3) Pyridine	3.87	79	29029	24.460	ng	92
4) n-Nitrosodimethylamine	3.78	42	18154	33.993	ng	92
6) Aniline	7.36	93	41961	21.767	ng	95
8) 2-Chlorophenol	7.59	128	44579	33.906	ng	95
9) Benzaldehyde	7.17	77	14741	15.925	ng	94
10) Phenol	7.22	94	60200	37.408	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	36856	29.965	ng	96
12) 1,3-Dichlorobenzene	7.91	146	46120	29.278	ng	99
13) 1,4-Dichlorobenzene	8.06	146	48106	30.154	ng	98
14) 1,2-Dichlorobenzene	8.38	146	45244	29.744	ng	93
15) Benzyl Alcohol	8.27	79	40924	33.855	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	72379	30.689	ng	96
17) 2-Methylphenol	8.47	107	39865	35.675	ng	96
18) Hexachloroethane	9.11	117	16057	29.626	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	31800	30.169	ng	98
20) 3+4-Methylphenols	8.80	107	55468	34.816	ng	98
22) Acetophenone	8.86	105	68273	28.301	ng	# 97
24) Nitrobenzene	9.25	77	49850	29.215	ng	# 97
25) Isophorone	9.76	82	95866	32.967	ng	96
26) 2-Nitrophenol	9.96	139	27965	30.300	ng	96
27) 2,4-Dimethylphenol	10.01	122	46347	35.694	ng	87
28) bis(2-Chloroethoxy)methane	10.25	93	54820	31.368	ng	99
29) 2,4-Dichlorophenol	10.49	162	54619	33.860	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	56523	29.163	ng	98
31) Naphthalene	10.90	128	146992	31.727	ng	99
32) Benzoic acid	10.16	122	5343m	14.821	ng	
33) 4-Chloroaniline	11.02	127	38337	18.493	ng	97
34) Hexachlorobutadiene	11.16	225	37342	28.000	ng	97
35) Caprolactam	11.79	113	17432m	26.949	ng	
36) 4-Chloro-3-methylphenol	12.13	107	56754	32.895	ng	87
37) 2-Methylnaphthalene	12.50	142	113360	32.636	ng	97
38) 1-Methylnaphthalene	12.72	142	110403	33.114	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	74173	29.514	ng	99

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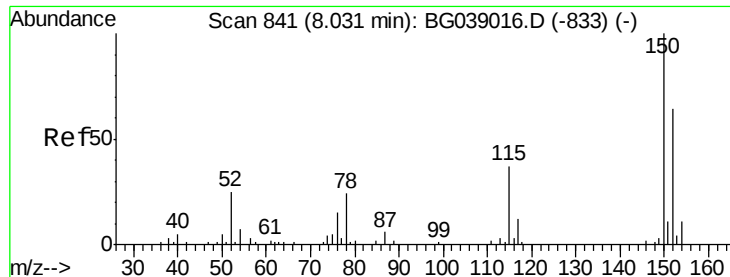
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	72454	53.254	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	50907	32.185	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	55647	33.287	ng	98
46) 1,1'-Biphenyl	13.50	154	156059	29.432	ng	99
47) 2-Chloronaphthalene	13.55	162	126979	29.593	ng	99
48) 2-Nitroaniline	13.77	65	36535	30.393	ng	95
49) Acenaphthylene	14.39	152	209043	32.413	ng	99
50) Dimethylphthalate	14.12	163	253420	44.814	ng	99
51) 2,6-Dinitrotoluene	14.25	165	38866	30.742	ng	96
52) Acenaphthene	14.74	154	120946	31.212	ng	98
53) 3-Nitroaniline	14.59	138	25722	20.056	ng	# 99
54) 2,4-Dinitrophenol	14.80	184	42234	57.498	ng	95
55) Dibenzofuran	15.07	168	210038	30.691	ng	99
56) 4-Nitrophenol	14.90	139	60746	65.827	ng	98
57) 2,4-Dinitrotoluene	15.04	165	56700	31.260	ng	95
58) Fluorene	15.72	166	171838	33.358	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	52878	33.508	ng	98
60) Diethylphthalate	15.48	149	176142	30.232	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	94583	29.144	ng	99
62) 4-Nitroaniline	15.76	138	40241	30.119	ng	98
63) Azobenzene	16.00	77	137551	30.189	ng	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	36958	29.000	ng	88
66) n-Nitrosodiphenylamine	15.92	169	153240	30.050	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	63871	28.885	ng	96
68) Hexachlorobenzene	16.72	284	71173	29.498	ng	97
69) Atrazine	16.87	200	64988	29.999	ng	94
70) Pentachlorophenol	17.07	266	72875	51.139	ng	96
71) Phenanthrene	17.46	178	295570	32.508	ng	99
72) Anthracene	17.56	178	301256	33.510	ng	99
73) Carbazole	17.83	167	268804	30.289	ng	99
74) Di-n-butylphthalate	18.36	149	304304	30.823	ng	100
75) Fluoranthene	19.47	202	380931	33.796	ng	100
77) Benzidine	19.66	184	172644	32.472	ng	99
78) Pyrene	19.84	202	374517	33.808	ng	99
80) Butylbenzylphthalate	20.71	149	134352	31.887	ng	98
81) Benzo(a)anthracene	21.68	228	355424	33.588	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	81157	18.823	ng	96
83) Chrysene	21.75	228	328584	32.649	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	185693	31.741	ng	97
85) Di-n-octyl phthalate	22.77	149	321602	32.510	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	408467	33.966	ng	98
88) Benzo(b)fluoranthene	23.93	252	357145	33.835	ng	98
89) Benzo(k)fluoranthene	24.00	252	333169	31.923	ng	99
90) Benzo(a)pyrene	24.82	252	344396	33.755	ng	98
91) Dibenzo(a,h)anthracene	28.81	278	334762	32.987	ng	98
92) Benzo(g,h,i)perylene	29.93	276	334976	33.342	ng	98

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



#1

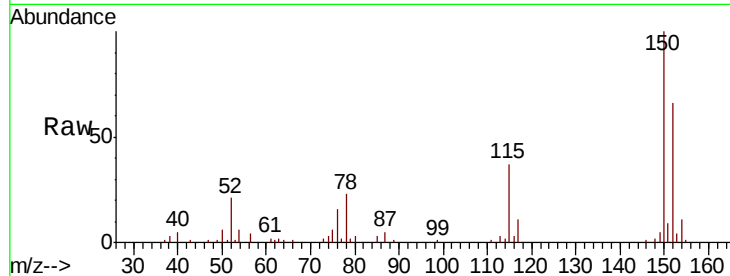
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.7	187.1
115	56.1	46.5	69.7

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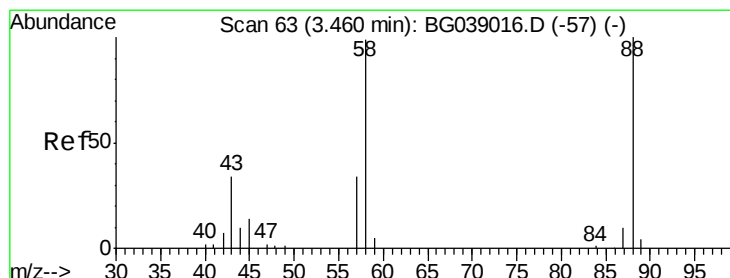
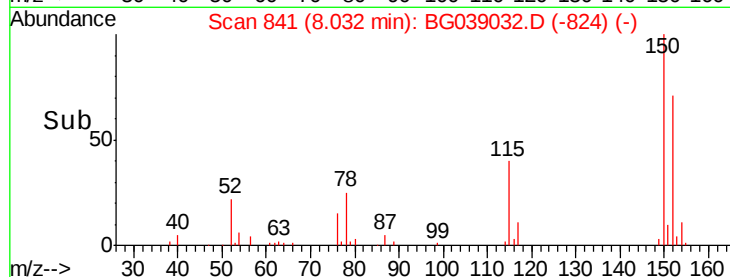
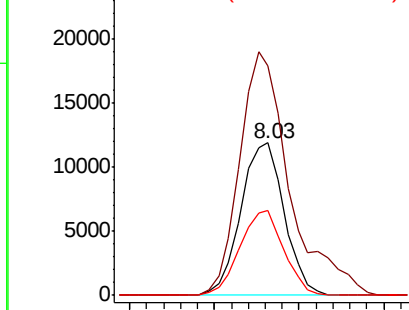


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

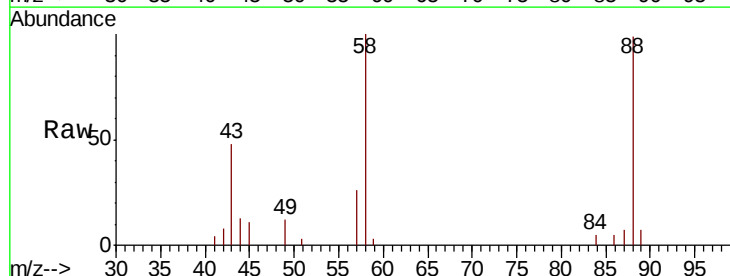
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 23.055 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.2	72.4	108.6
43	41.4	27.6	41.4#

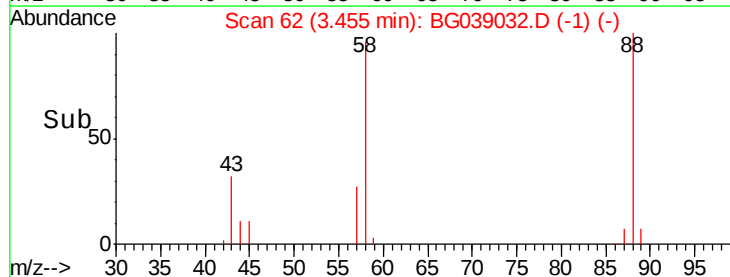
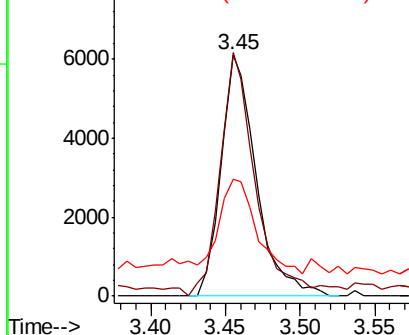


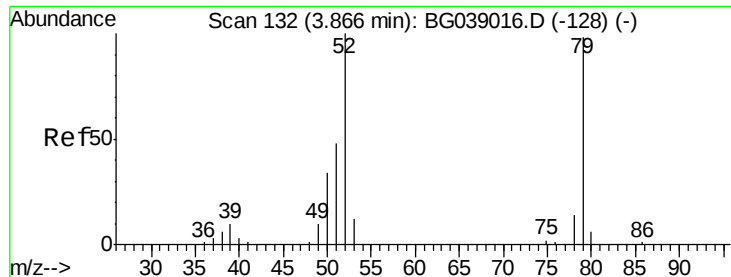
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.460 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

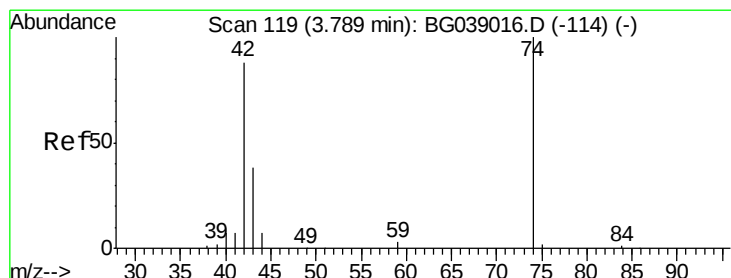
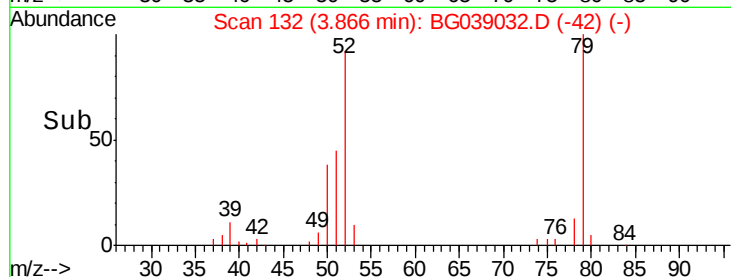
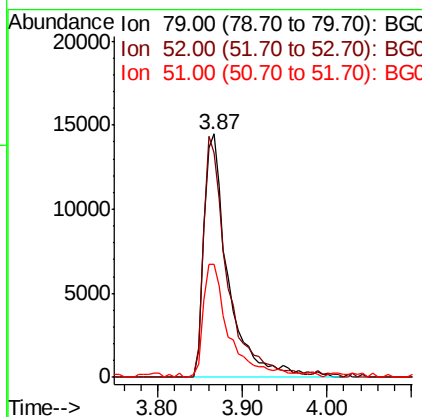
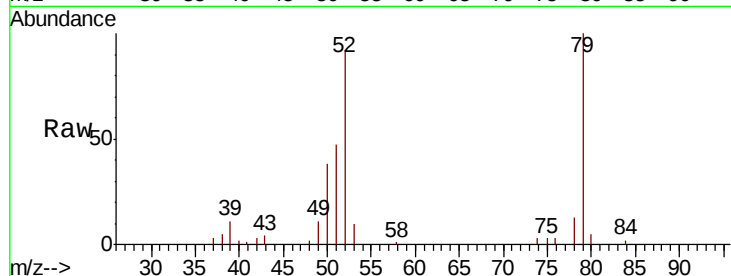
ClientSampleId :

SP-1-4MSD

Tot Ion:	79	Resp:	29029
Ion	Ratio	Lower	Upper
79	100		
52	92.4	81.5	122.3
51	46.6	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 33.993 ng

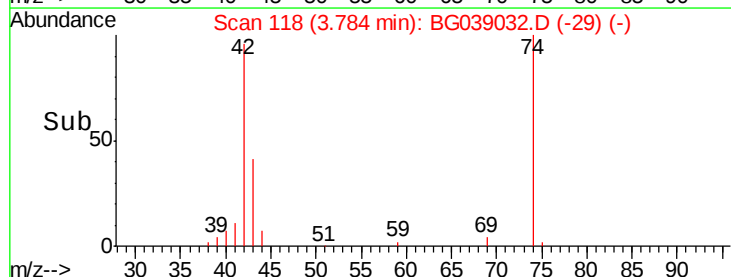
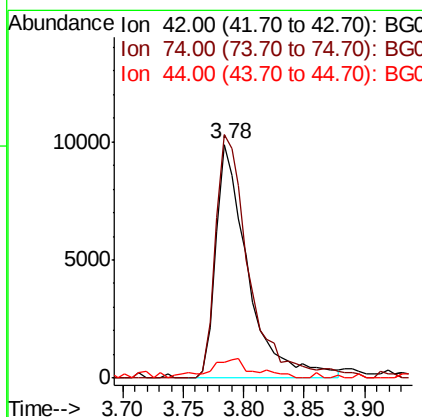
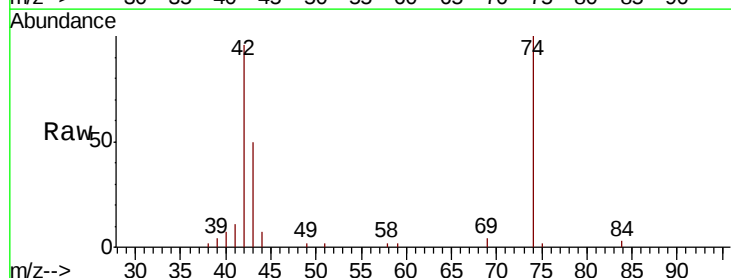
RT: 3.78 min Scan# 118

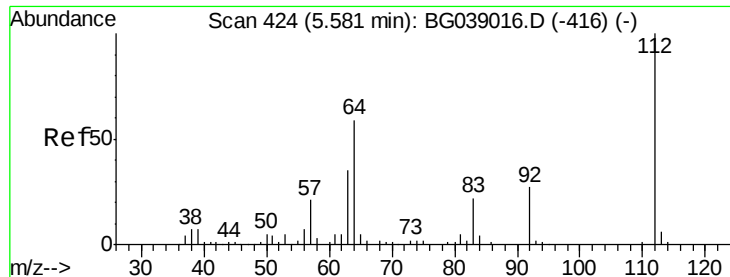
Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	42	Resp:	18154
Ion	Ratio	Lower	Upper
42	100		
74	104.2	90.7	136.1
44	6.9	6.5	9.7





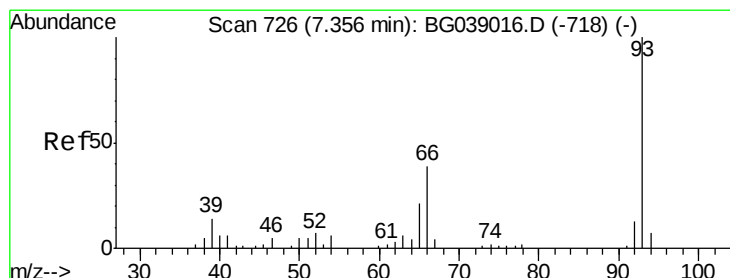
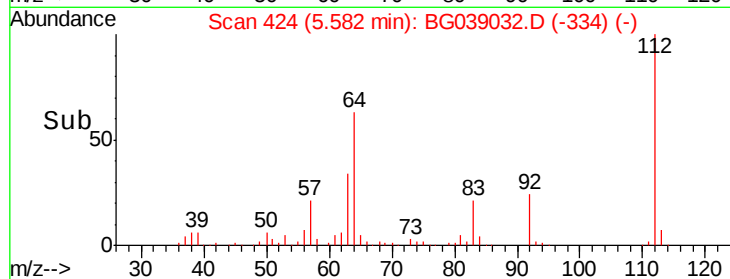
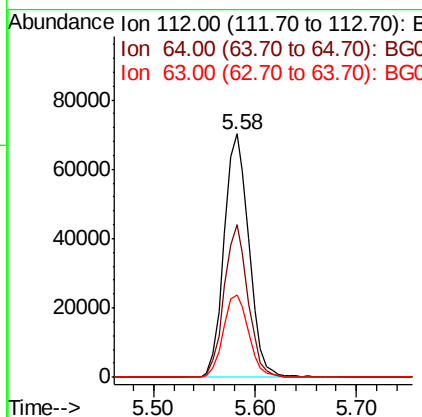
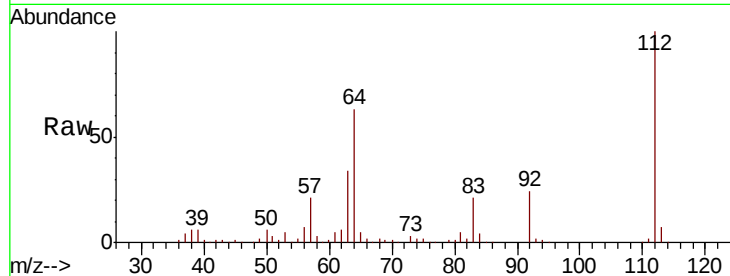
#5
2-Fluorophenol
Concen: 106.746 ng
RT: 5.58 min Scan# 424
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion:	112	Resp:	119059
Ion Ratio	Lower	Upper	
112	100		
64	62.7	47.0	70.6
63	33.6	28.0	42.0

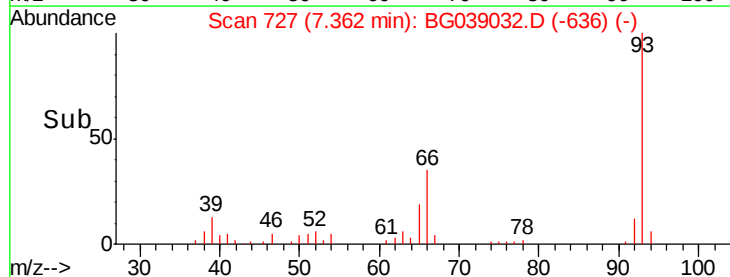
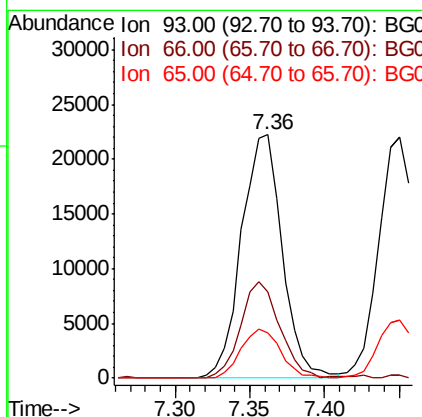
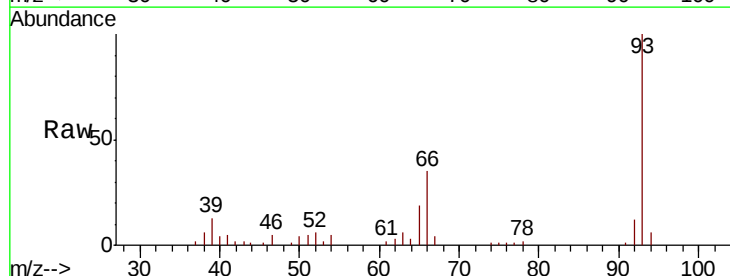
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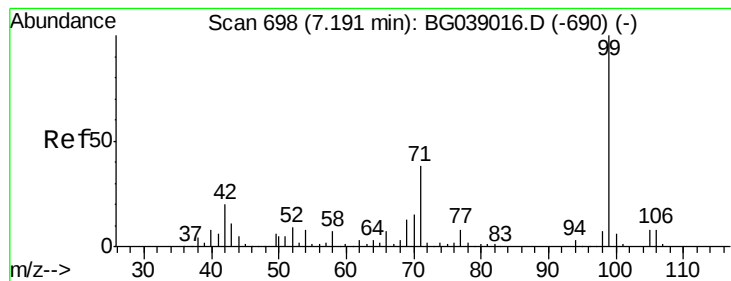
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#6
Aniline
Concen: 21.767 ng
RT: 7.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:	93	Resp:	41961
Ion Ratio	Lower	Upper	
93	100		
66	35.4	30.9	46.3
65	18.7	17.0	25.4





#7

Phenol-d6

Concen: 107.755 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

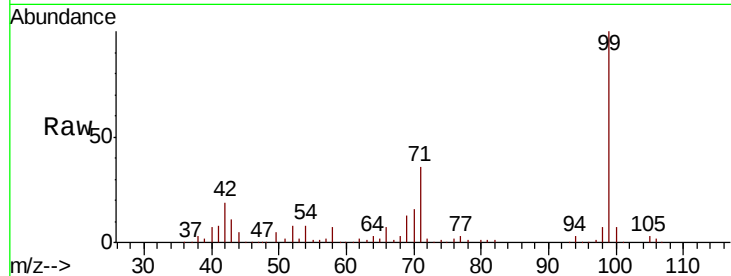
ClientSampled :

SP-1-4MSD

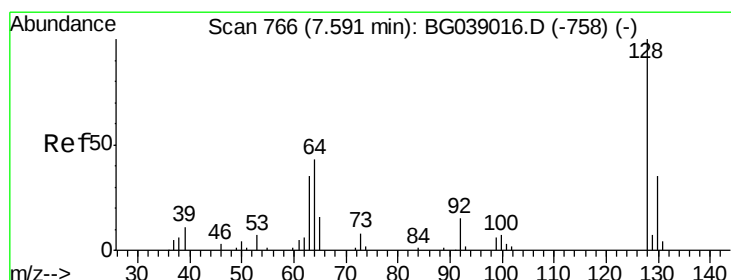
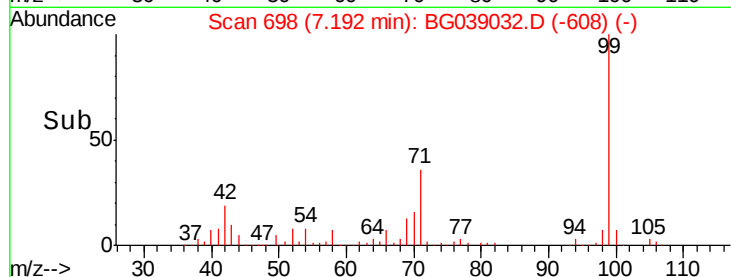
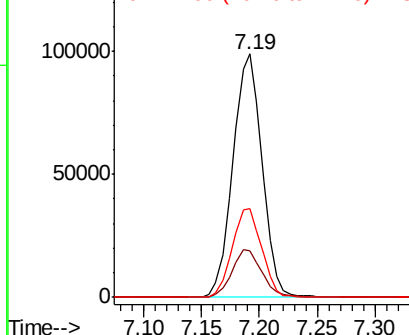
Tot Ion:	99	Resp:	172962
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.8	23.6
71	36.4	30.2	45.4

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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: 33.906 ng

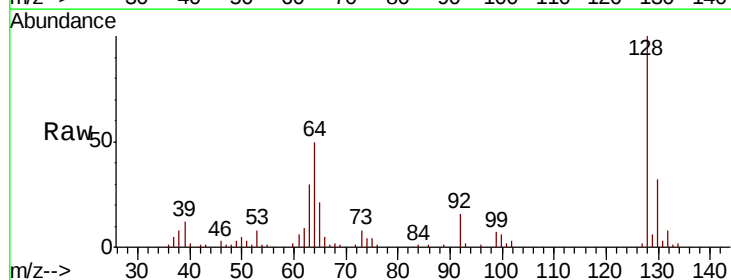
RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

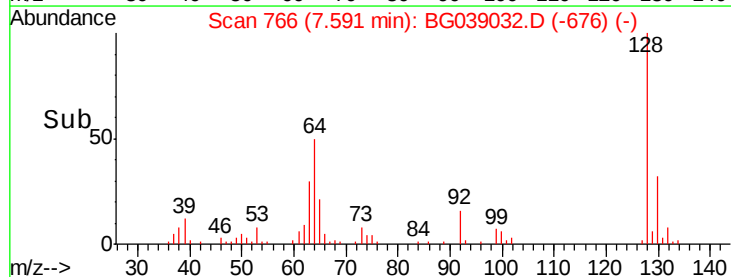
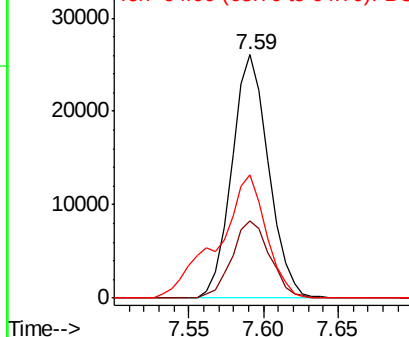
Lab File: BG039032.D

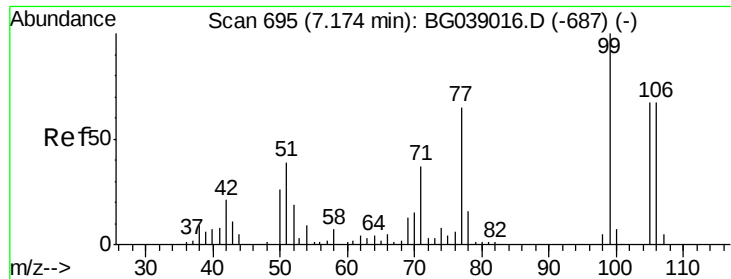
Acq: 9 Jan 2019 22:26

Tgt Ion:	128	Resp:	44579
Ion Ratio	Lower	Upper	
128	100		
130	31.7	14.5	54.5
64	50.4	27.3	67.3



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





#9

Benzaldehyde

Concen: 15.925 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

SP-1-4MSD

Tot Ion: 77 Resp: 14741

Ion Ratio Lower Upper

77 100

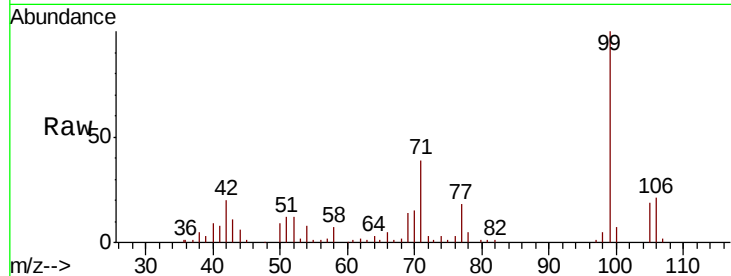
105 102.7 82.4 122.4

106 114.3 82.8 122.8

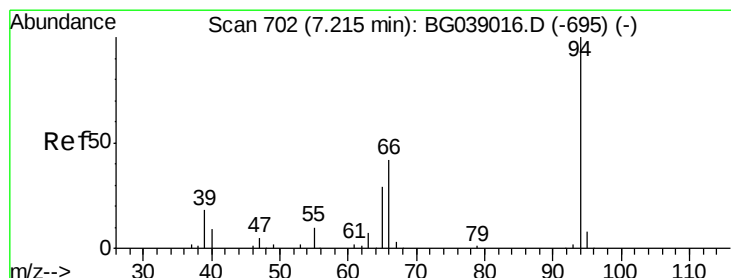
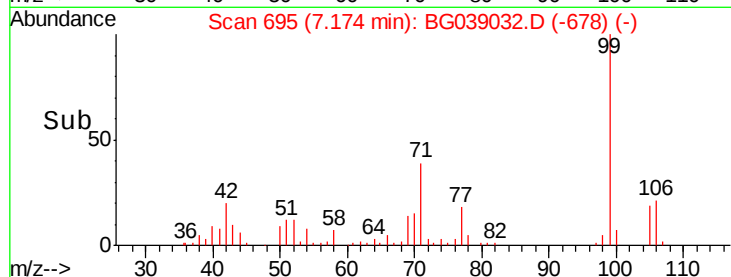
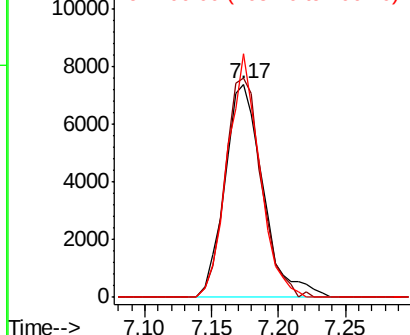
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.408 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

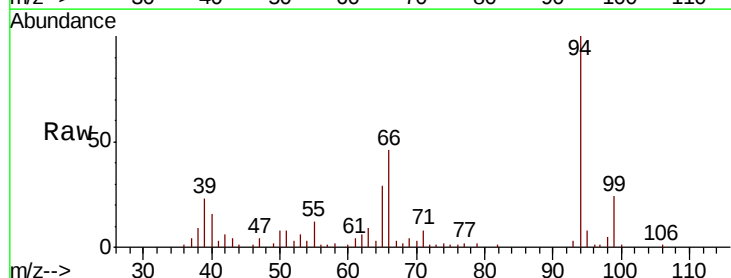
Tgt Ion: 94 Resp: 60200

Ion Ratio Lower Upper

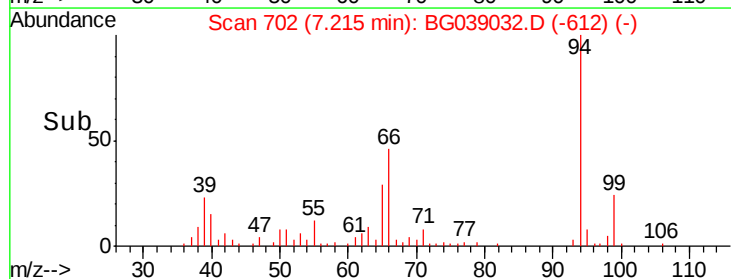
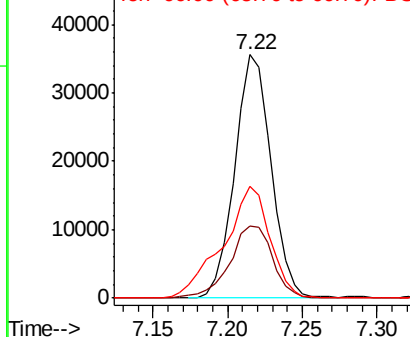
94 100

65 29.5 10.3 50.3

66 46.0 25.1 65.1



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





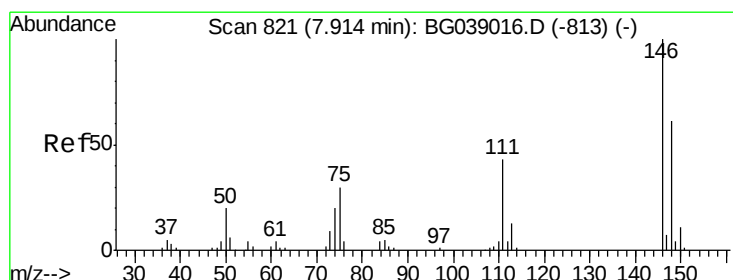
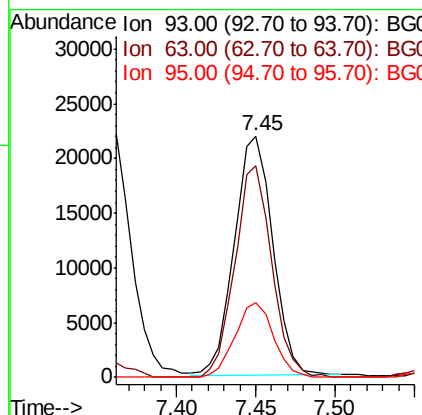
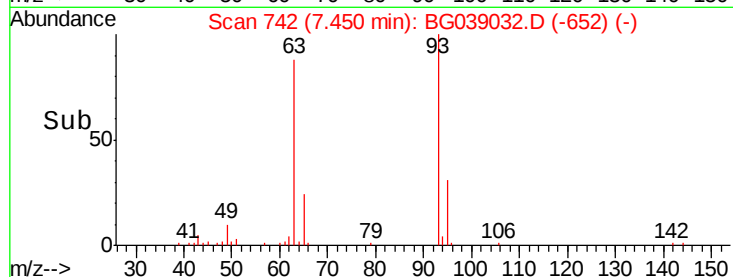
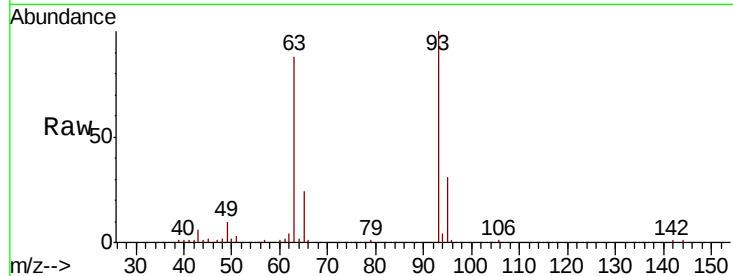
#11
bis(2-Chloroethyl)ether
Concen: 29.965 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.6	63.2	103.2
95	31.1	11.2	51.2

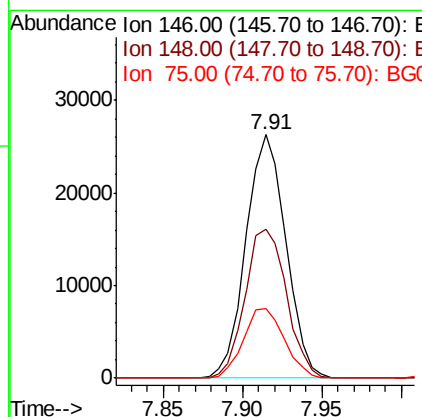
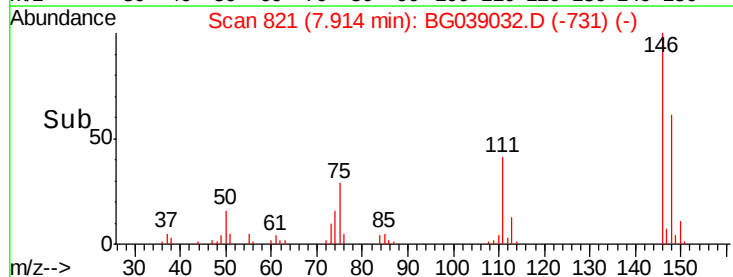
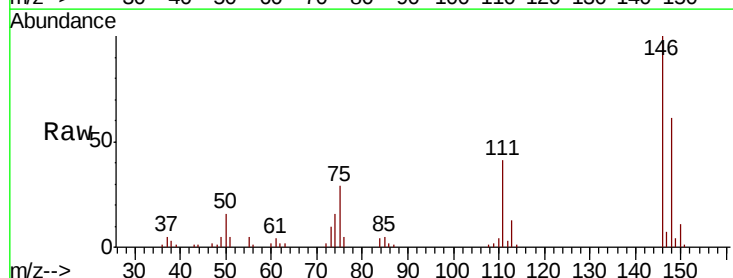
Manual Integrations
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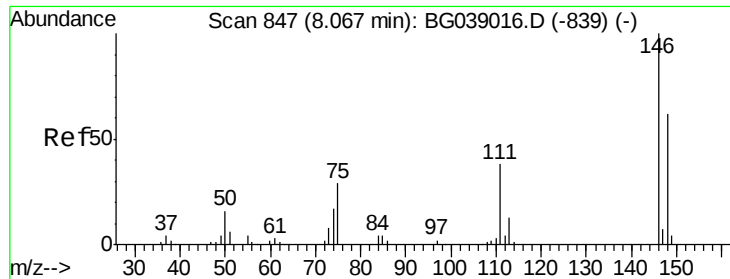
Sohil
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#12
1,3-Dichlorobenzene
Concen: 29.278 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	49.1	73.7
75	28.7	23.9	35.9





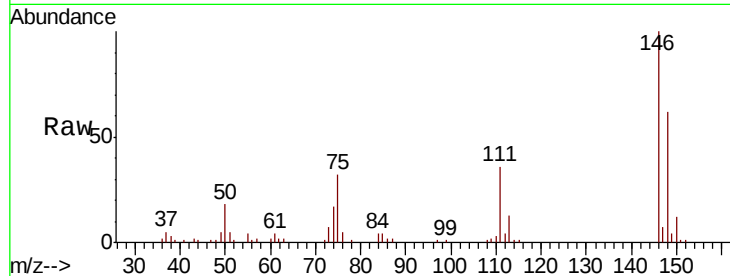
#13
1,4-Dichlorobenzene
Concen: 30.154 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.8	74.6
111	36.5	30.6	45.8

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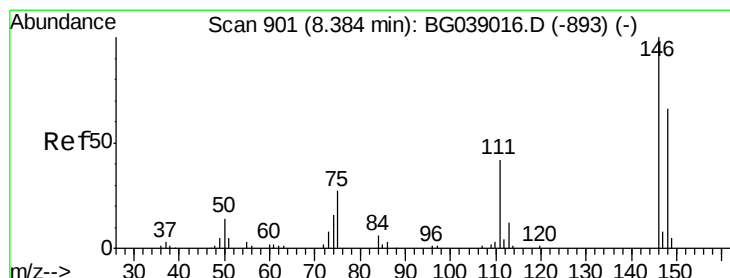
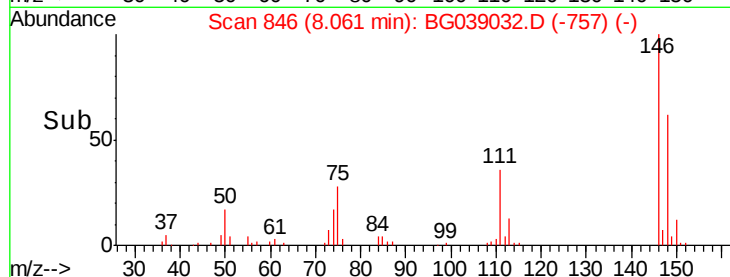
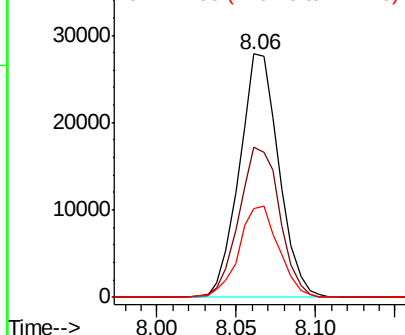


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 29.744 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

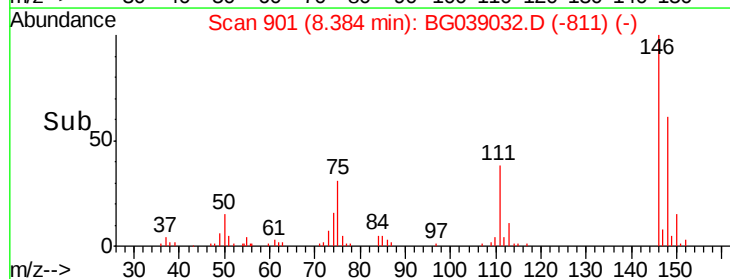
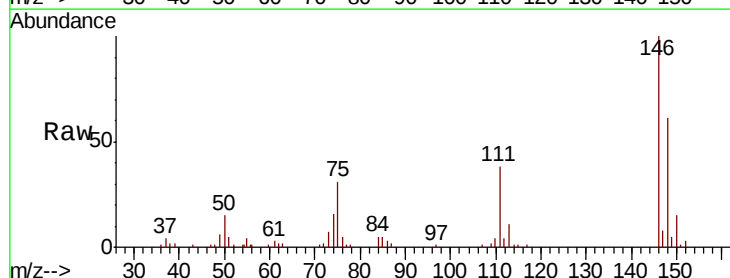
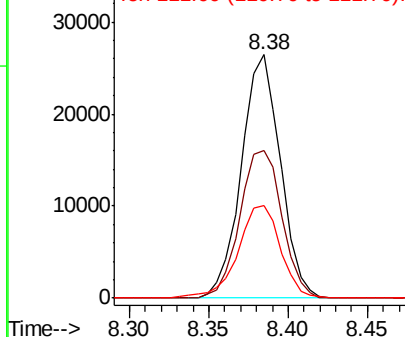
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	52.6	79.0
111	37.8	34.6	51.8

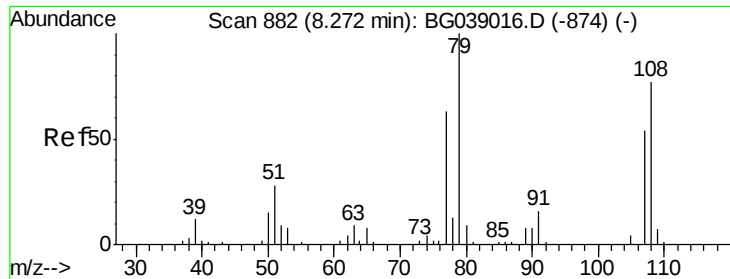
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.855 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

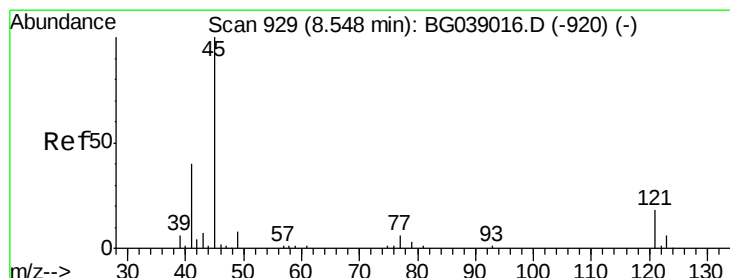
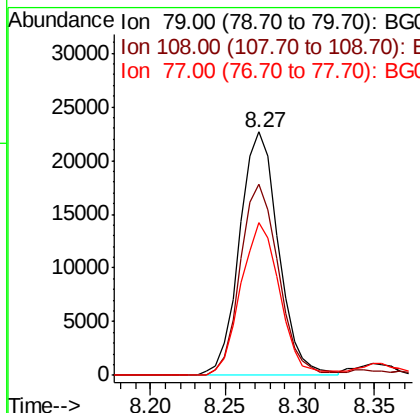
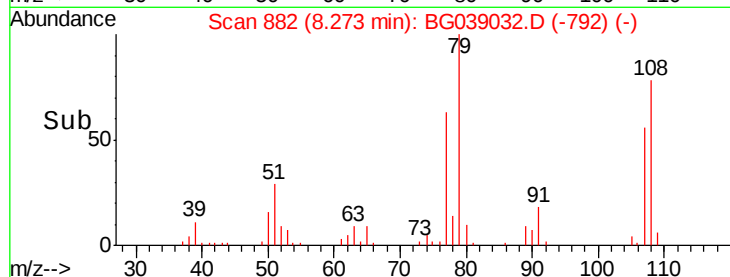
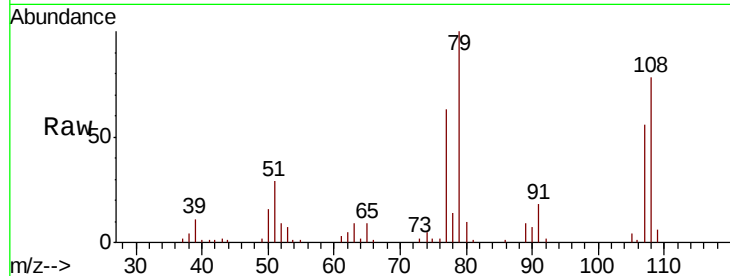
ClientSampleId :

SP-1-4MSD

Tot Ion:	79	Resp:	40924
Ion	Ratio	Lower	Upper
79	100		
108	78.5	62.0	93.0
77	62.9	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.689 ng

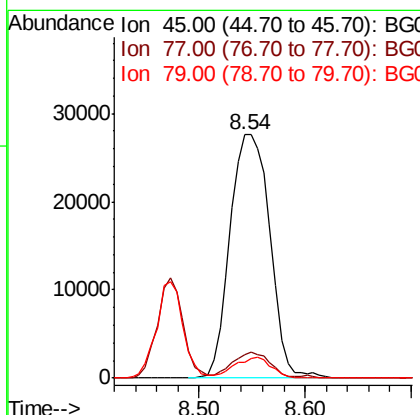
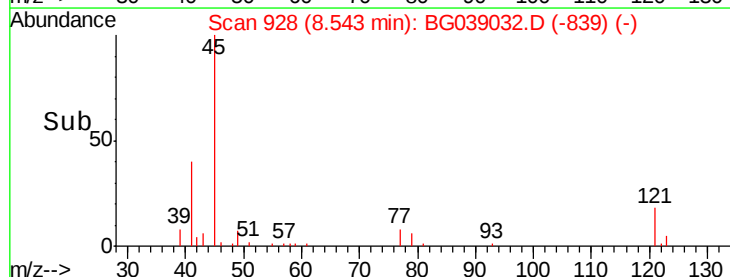
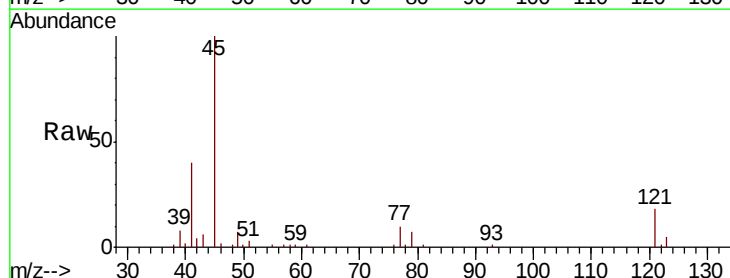
RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	45	Resp:	72379
Ion	Ratio	Lower	Upper
45	100		
77	9.8	0.0	30.7
79	6.7	0.0	28.5





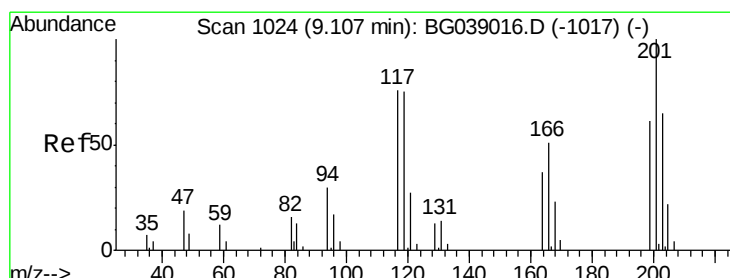
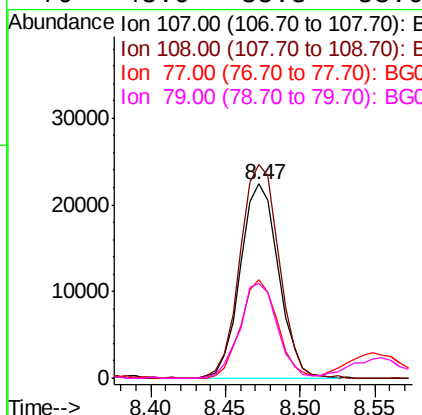
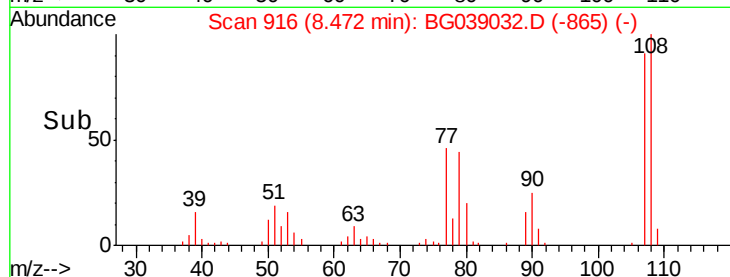
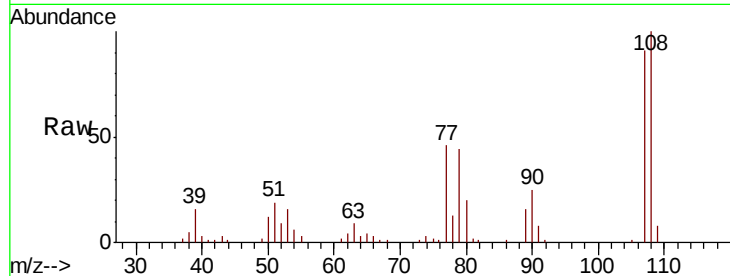
#17
2-Methylphenol
Concen: 35.675 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	90.3	135.5	
77	50.7	38.3	57.5	
79	48.9	35.8	53.6	

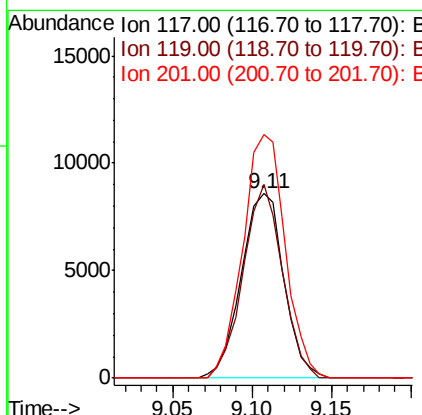
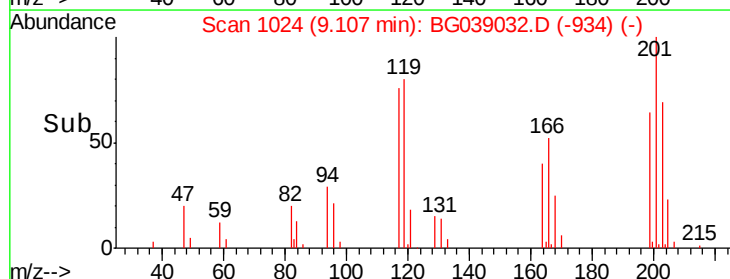
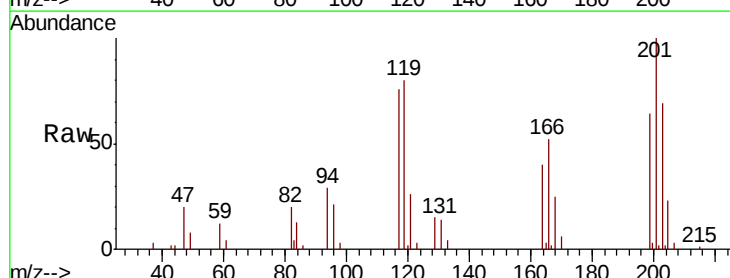
Manual Integrations
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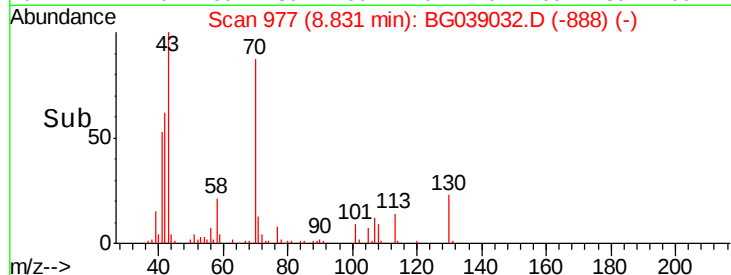
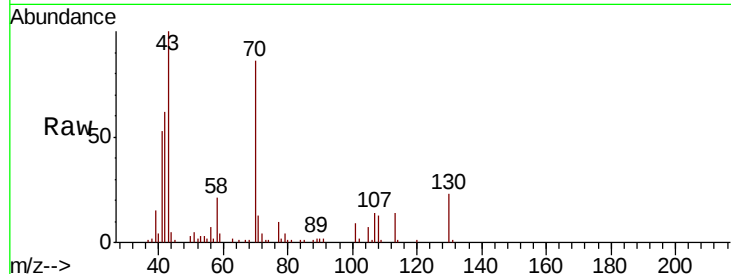
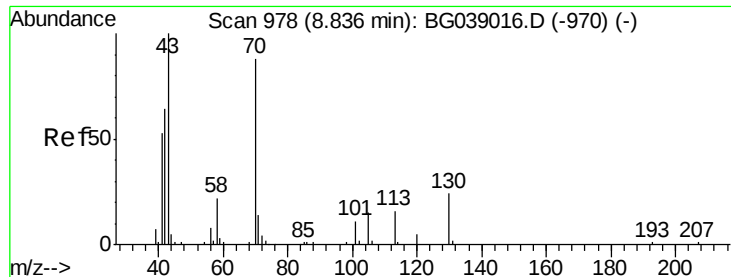
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#18
Hexachloroethane
Concen: 29.626 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.9	78.7	118.1	
201	135.1	108.1	162.1	





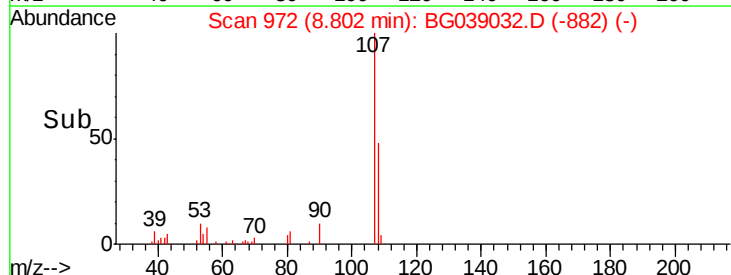
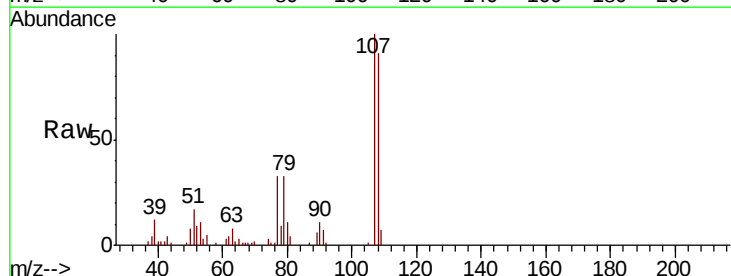
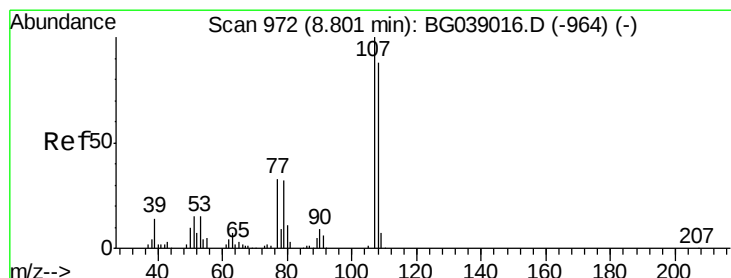
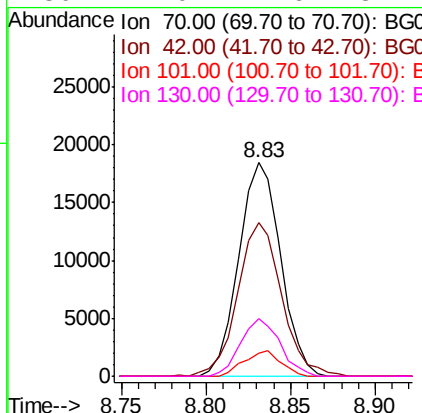
#19
n-Nitroso-di-n-propylamine
Concen: 30.169 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.1	59.0	88.4	
101	10.8	10.4	15.6	
130	27.0	21.6	32.4	

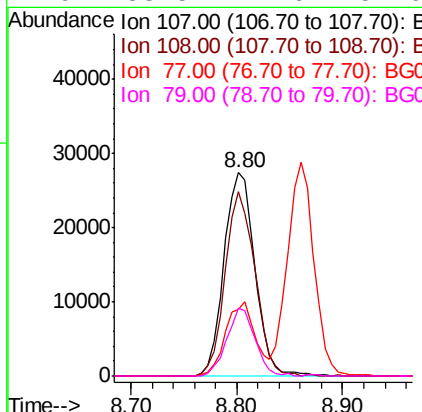
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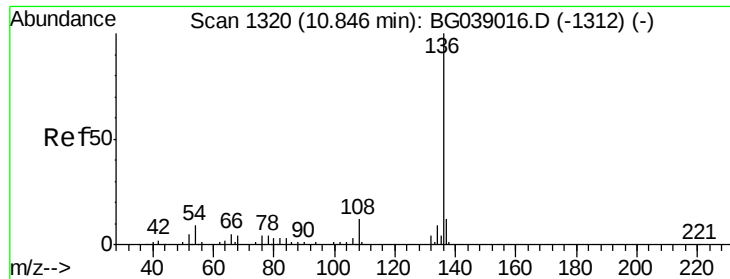
Sohil
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#20
3+4-Methylphenols
Concen: 34.816 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	68.4	108.4	
77	33.0	13.3	53.3	
79	33.5	11.6	51.6	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

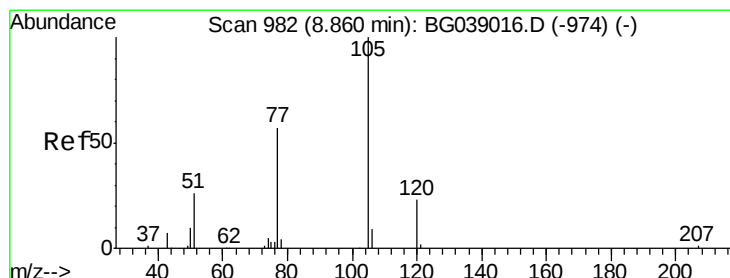
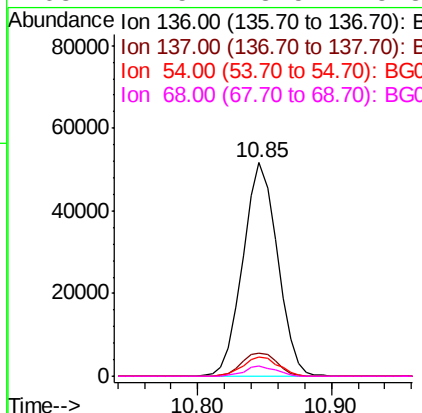
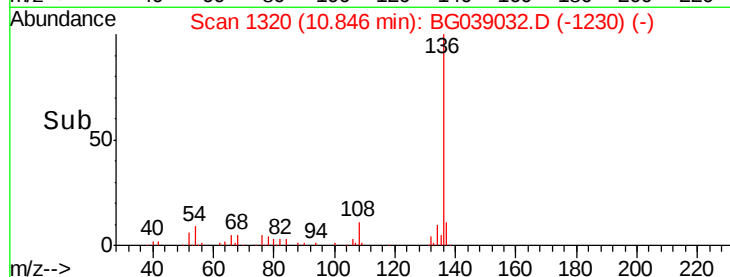
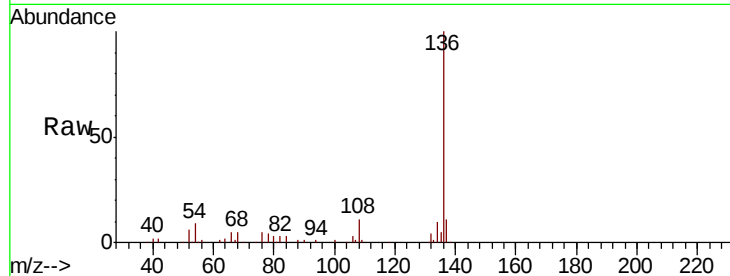
ClientSampleId :

SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.4	14.2
54	8.9	7.2	10.8
68	4.5	3.5	5.3

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#22

Acetophenone

Concen: 28.301 ng

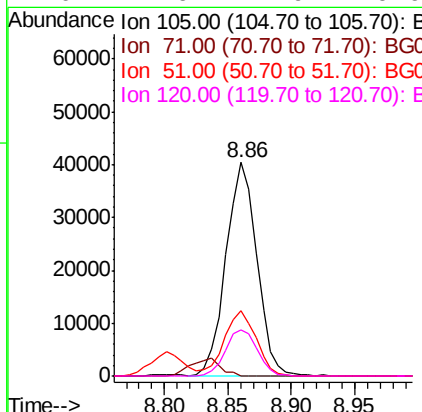
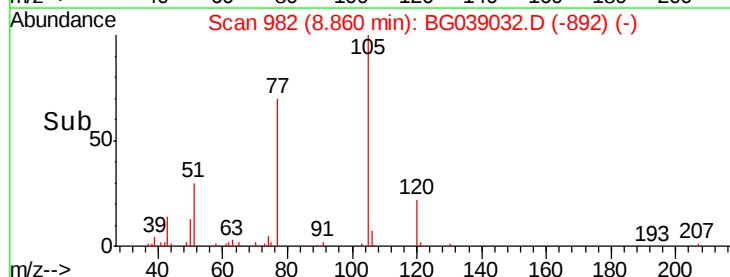
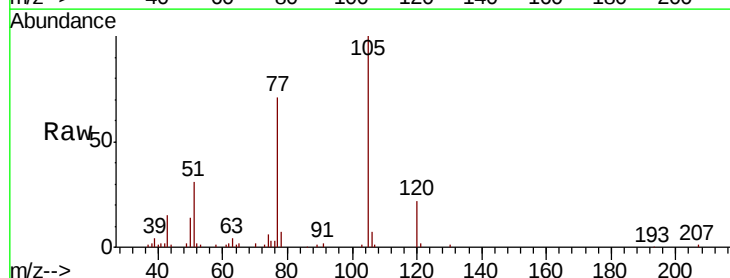
RT: 8.86 min Scan# 982

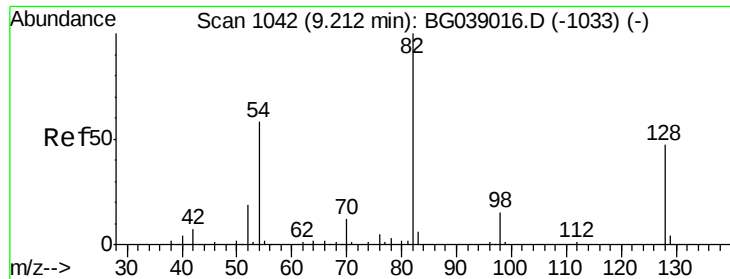
Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	30.7	26.6	39.8
120	21.6	17.9	26.9





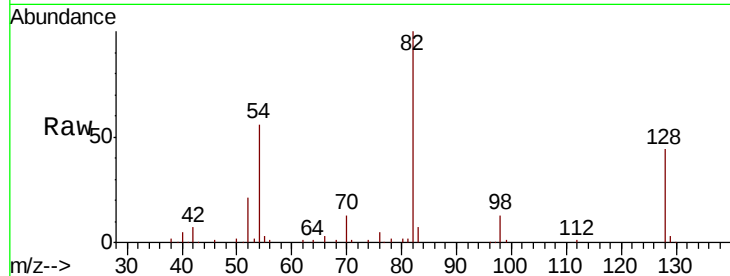
#23
Nitrobenzene-d5
Concen: 60.298 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.3	55.9
54	56.1	46.4	69.6

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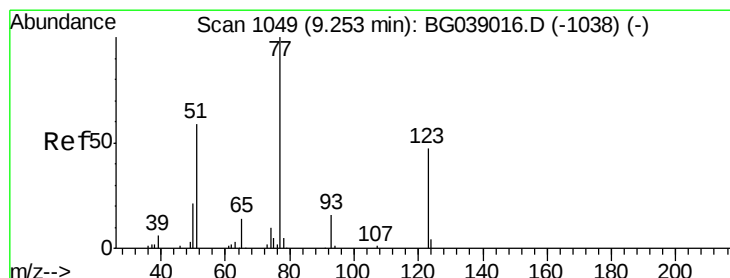
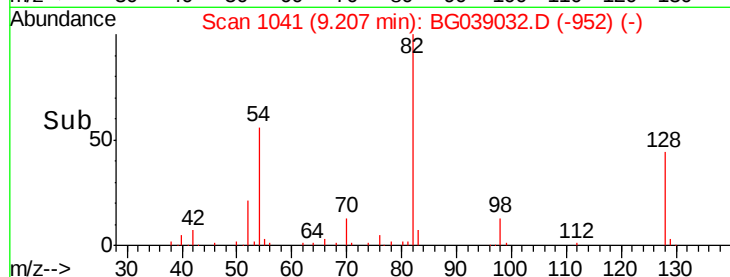
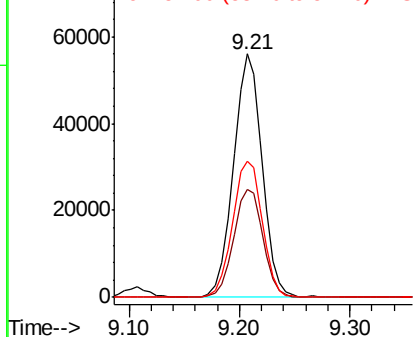


Abundance

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: 29.215 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

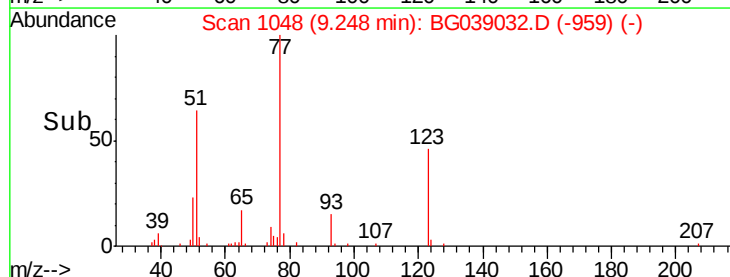
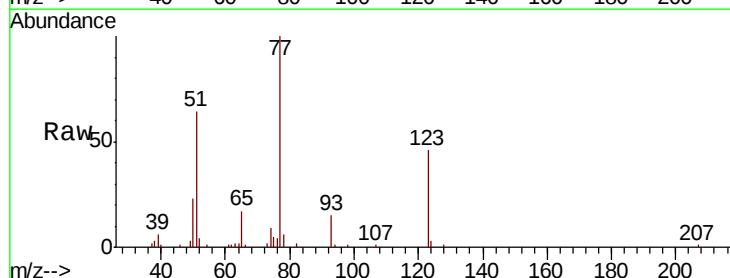
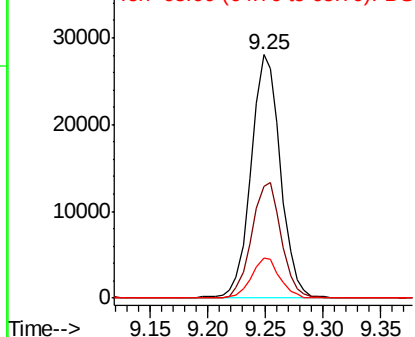
Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.6	56.4
65	16.7	11.0	16.6

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: 32.967 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

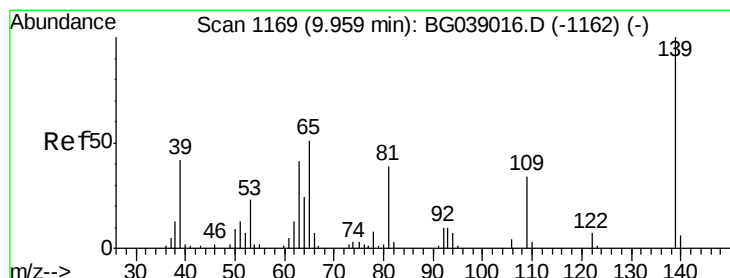
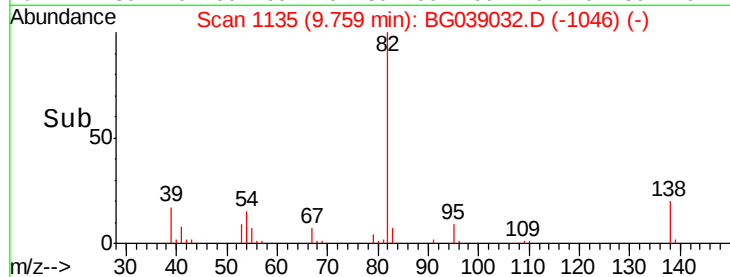
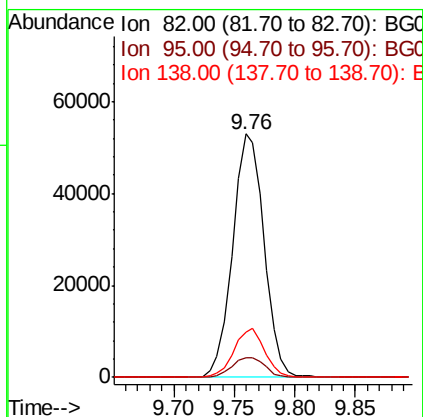
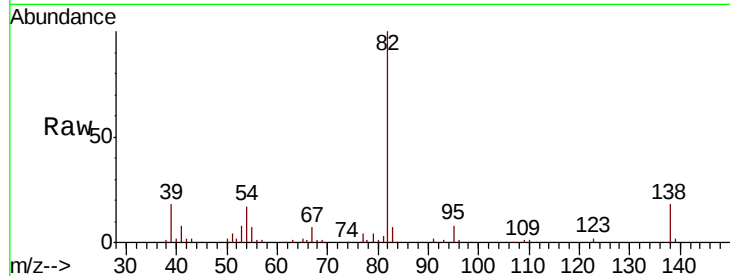
ClientSampleId :

SP-1-4MSD

Tot Ion:	82	Resp:	95866
Ion Ratio	Lower	Upper	
82	100		
95	8.0	7.0	10.6
138	18.4	16.2	24.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.300 ng

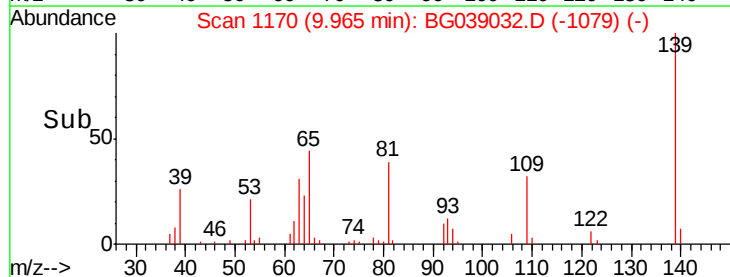
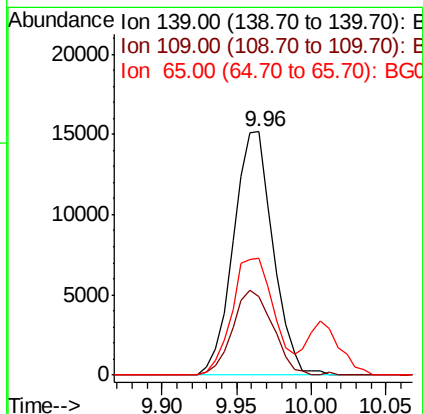
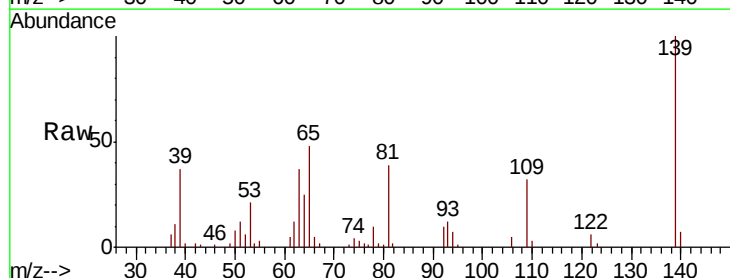
RT: 9.96 min Scan# 1170

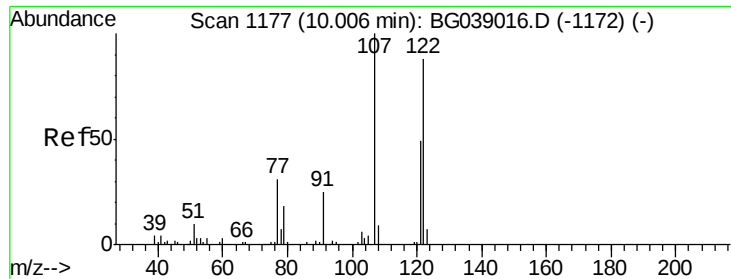
Delta R.T. 0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	139	Resp:	27965
Ion Ratio	Lower	Upper	
139	100		
109	32.2	27.3	40.9
65	48.0	40.6	61.0





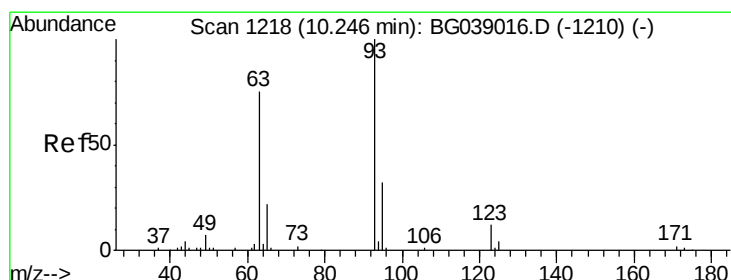
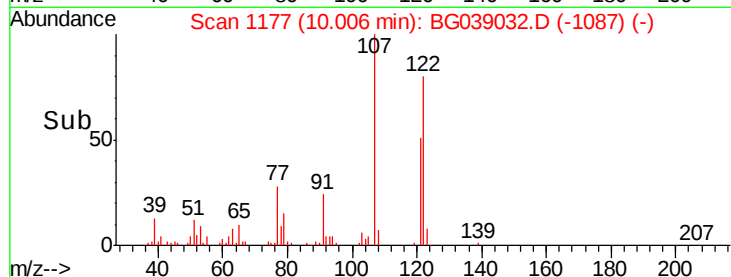
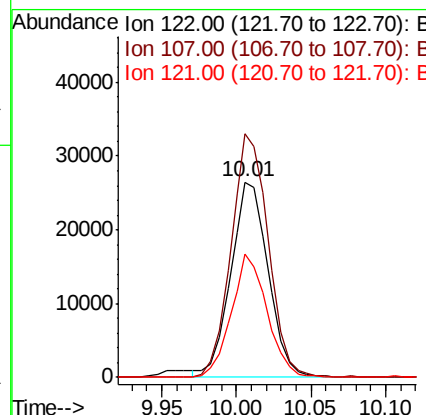
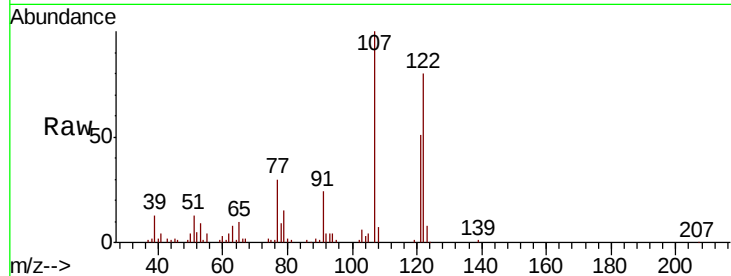
#27
2,4-Dimethylphenol
Concen: 35.694 ng
RT: 10.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.6	88.8	133.2
121	63.1	43.1	64.7

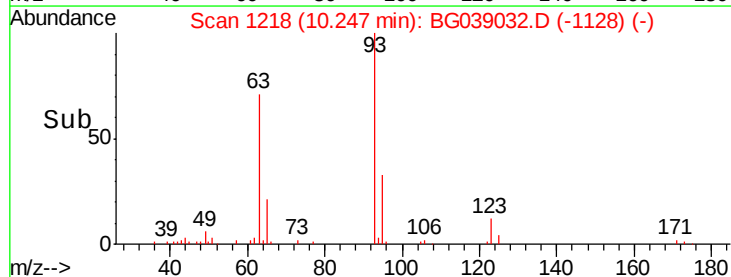
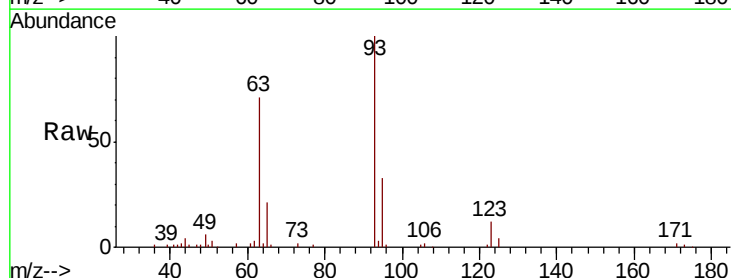
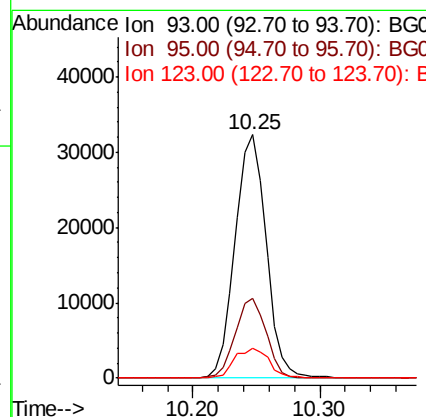
Manual Integrations
APPROVED

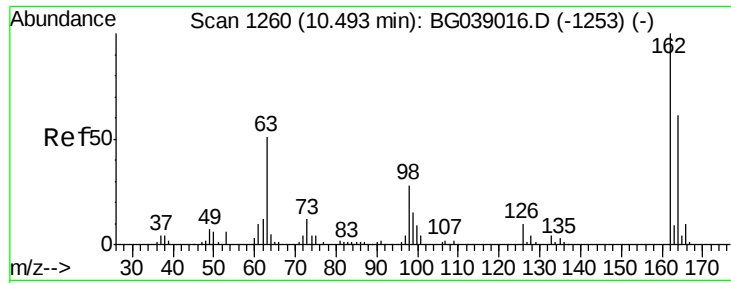
Sohil
1/10/2019 3:15:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 31.368 ng
RT: 10.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.6	38.4
123	12.5	10.1	15.1





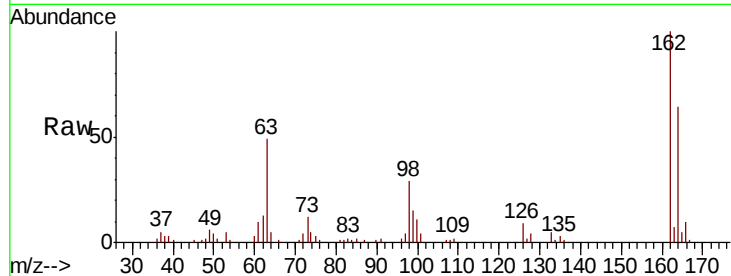
#29
 2,4-Dichlorophenol
 Concen: 33.860 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	41.3	81.3
98	29.1	8.3	48.3

Manual Integrations
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 1/10/2019 3:15:26 PM

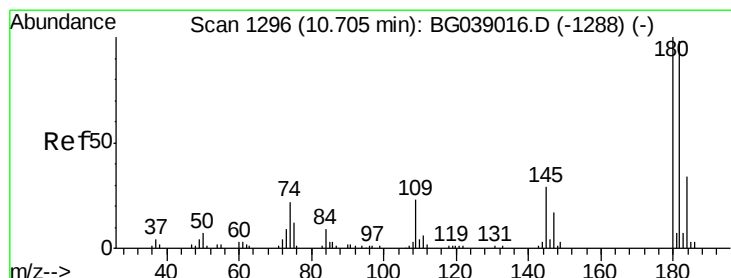
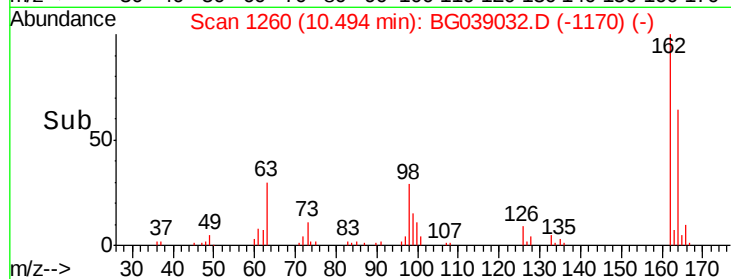
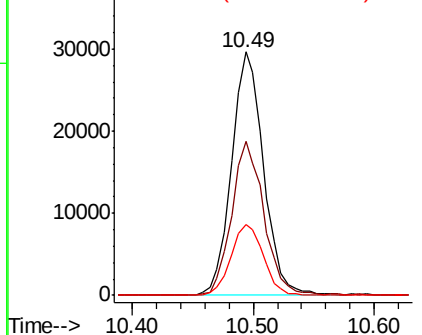


Abundance

Ion 162.00 (161.70 to 162.70): E

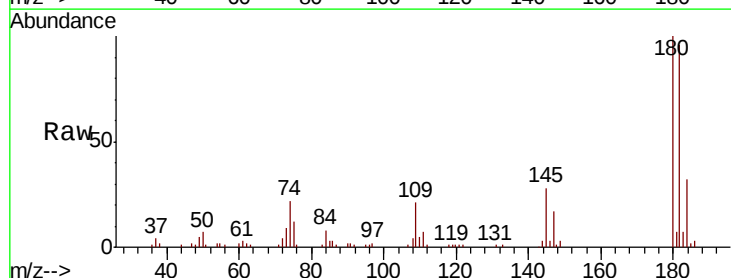
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 29.163 ng
 RT: 10.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.1	117.1
145	27.8	23.1	34.7

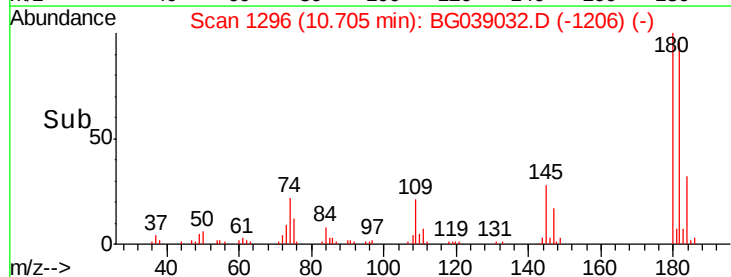
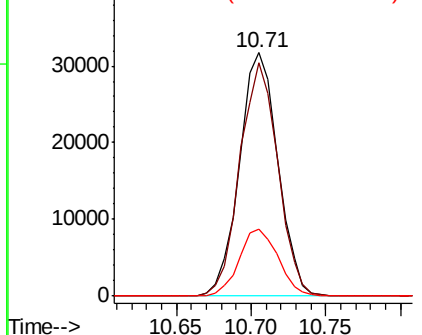


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





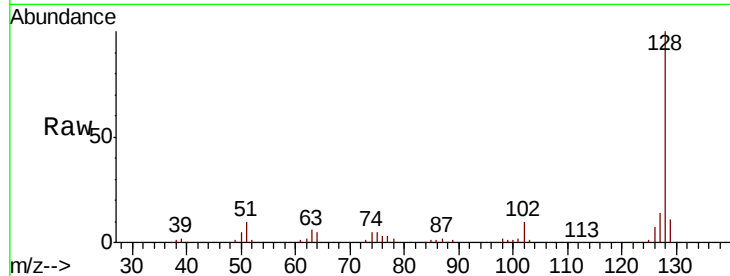
#31
Naphthalene
Concen: 31.727 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.9	11.2	16.8

Manual Integrations
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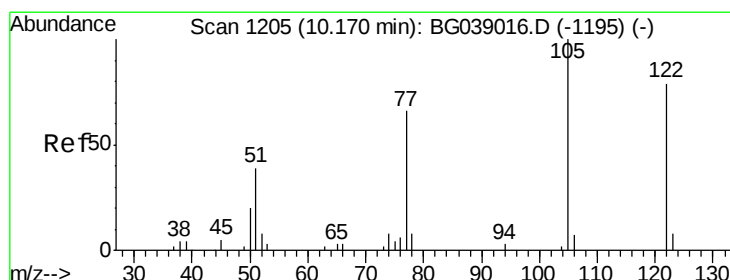
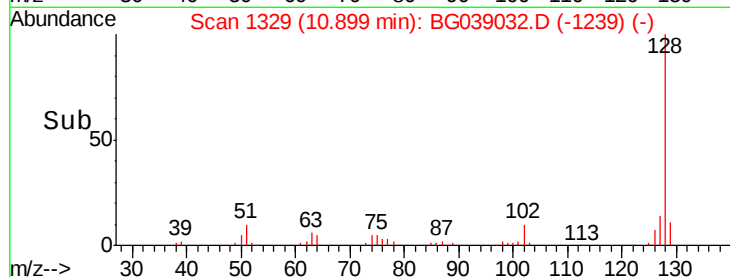
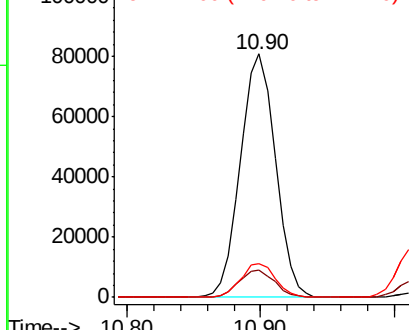


Abundance

Ion 128.00 (127.70 to 128.70): E

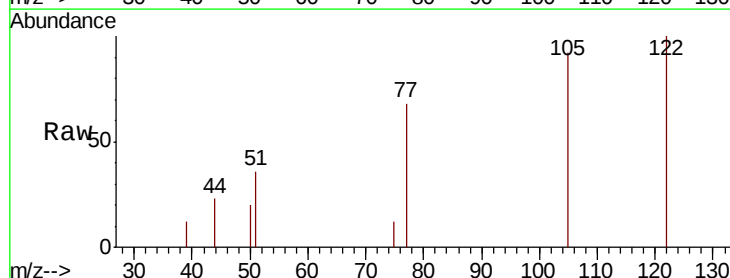
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 14.821 ng m
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	91.5	106.4	146.4#
77	68.0	63.6	103.6

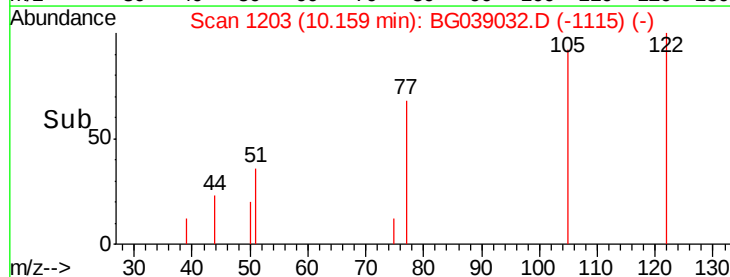
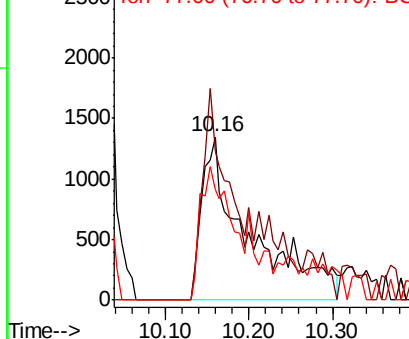


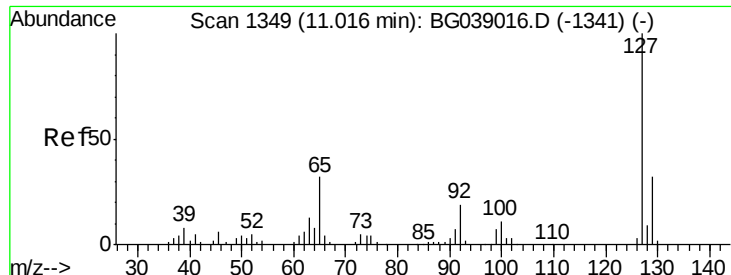
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





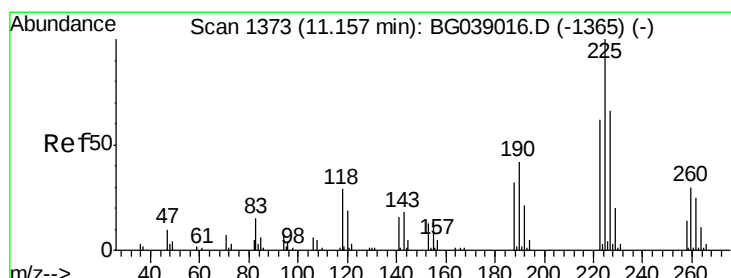
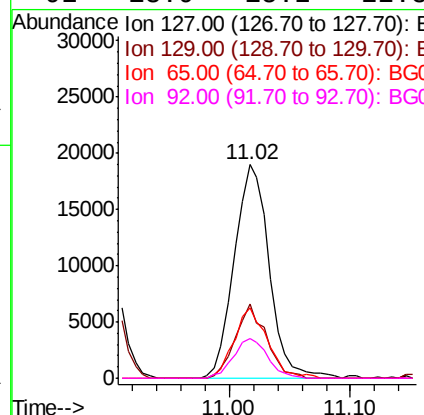
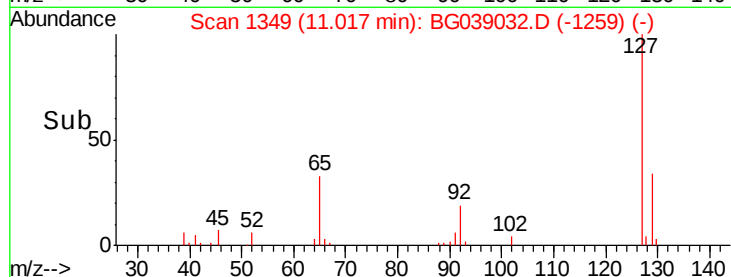
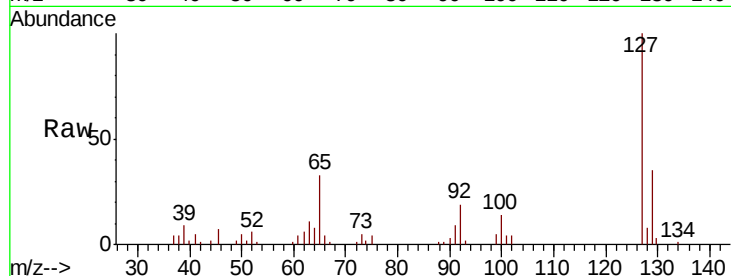
#33
4-Chloroaniline
Concen: 18.493 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.6	25.4	38.0
65	33.0	25.4	38.0
92	18.9	15.2	22.8

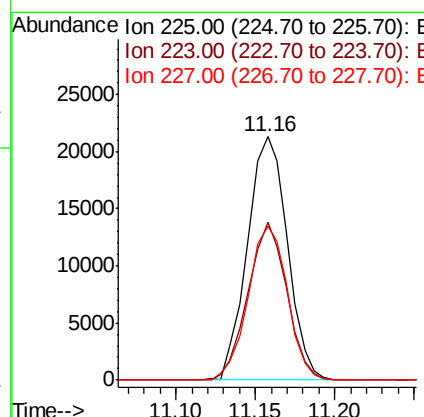
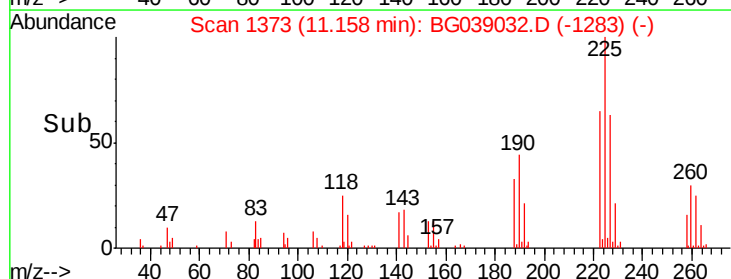
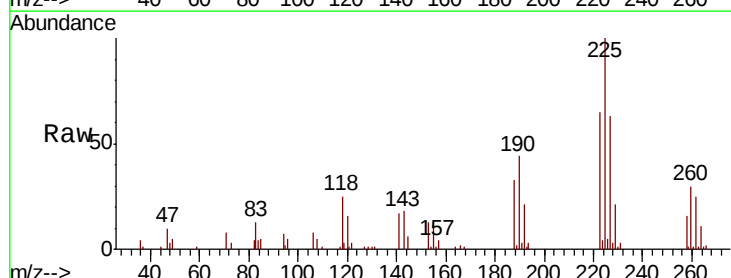
Manual Integrations
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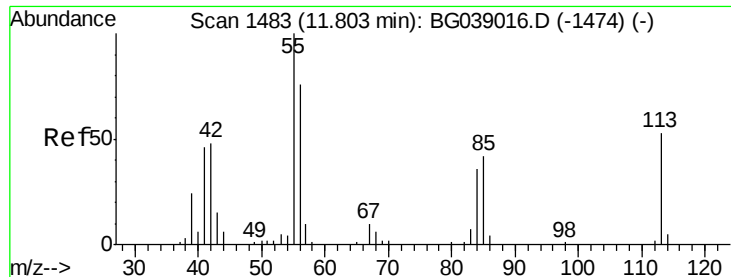
Sohil
1/10/2019 3:15:26 PM



#34
Hexachlorobutadiene
Concen: 28.000 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	63.2	53.2	79.8





#35

Caprolactam

Concen: 26.949 ng/mL

RT: 11.79 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

SP-1-4MSD

Tot Ion:113 Resp: 17432

Ion Ratio Lower Upper

113 100

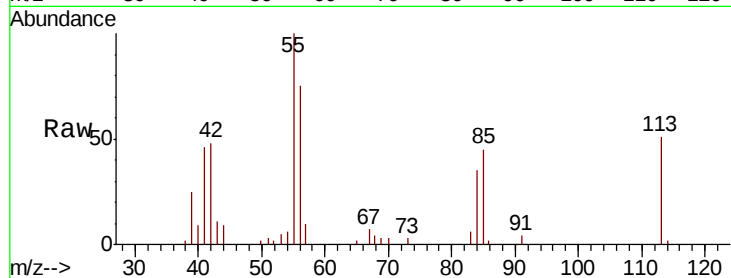
55 194.9 168.6 208.6

56 146.9 123.2 163.2

Manual Integrations
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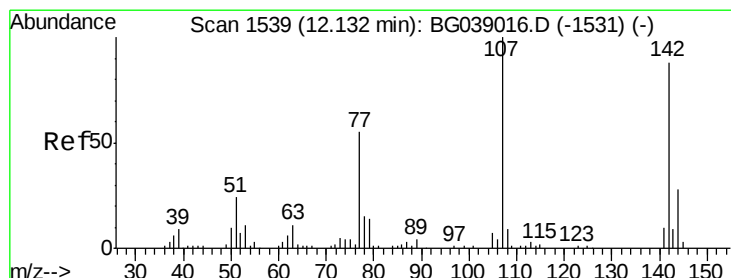
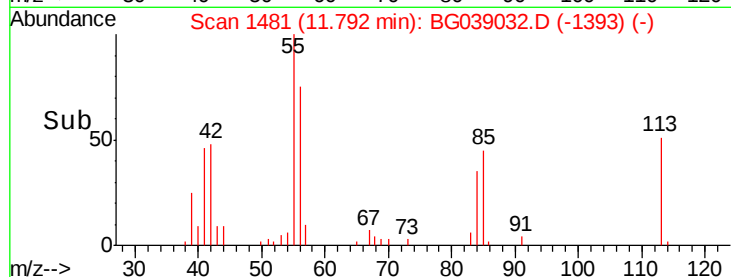
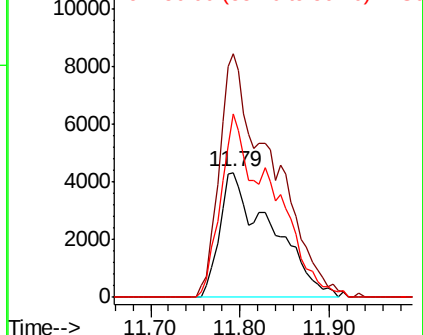
1/10/2019 3:15:26 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039016.D (-1474) (-)

Ion 56.00 (55.70 to 56.70): BG039016.D (-1474) (-)



#36

4-Chloro-3-methylphenol

Concen: 32.895 ng/mL

RT: 12.13 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

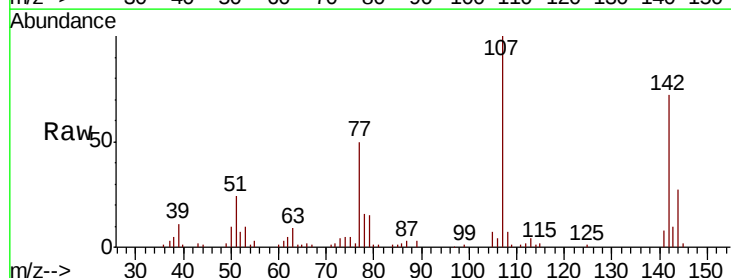
Tgt Ion:107 Resp: 56754

Ion Ratio Lower Upper

107 100

144 26.6 22.6 34.0

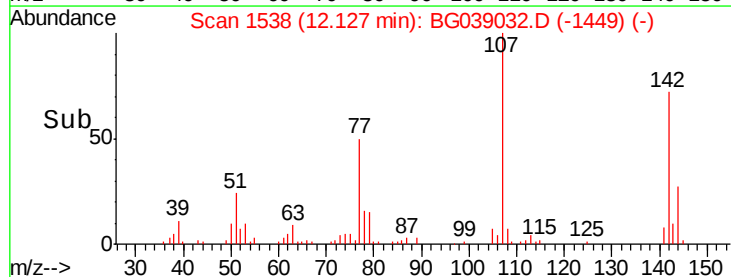
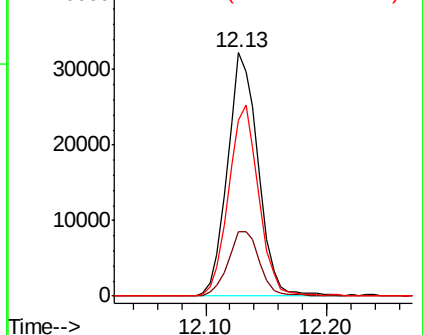
142 72.3 70.2 105.4

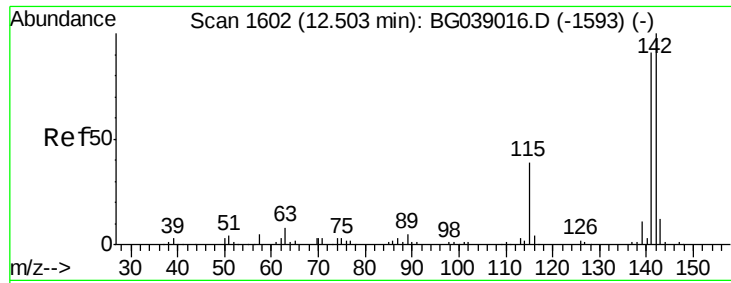


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





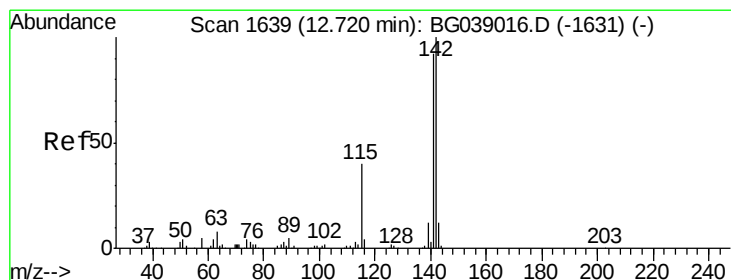
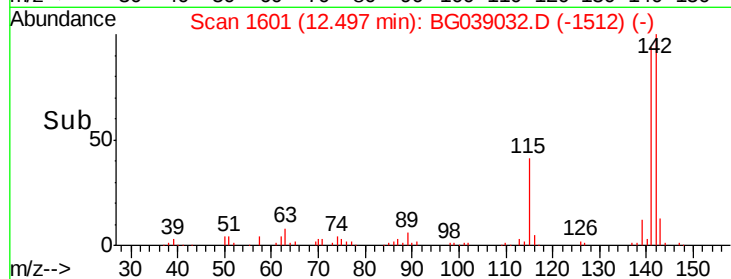
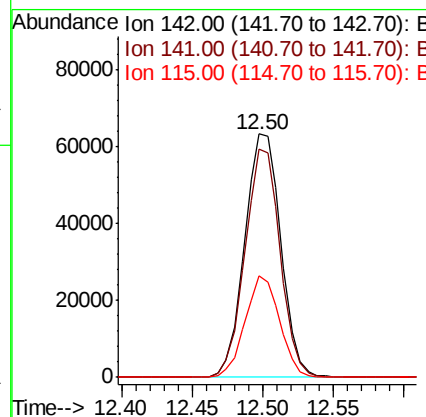
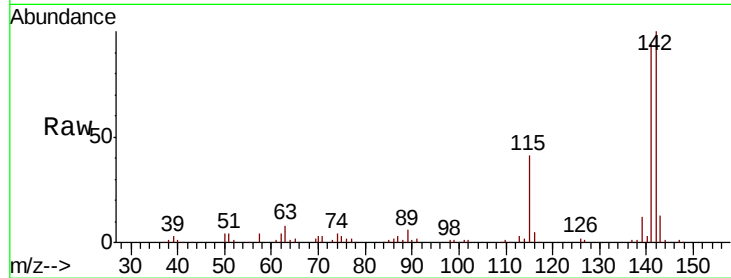
#37
2-Methylnaphthalene
Concen: 32.636 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.6	109.0
115	41.5	31.1	46.7

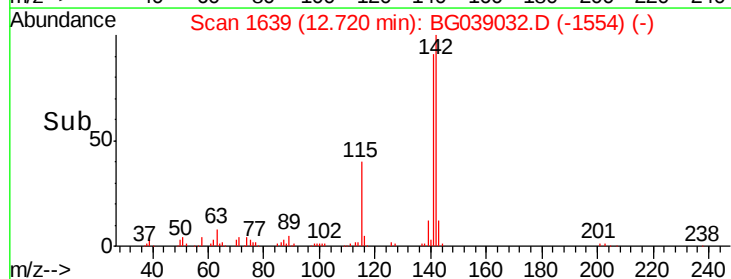
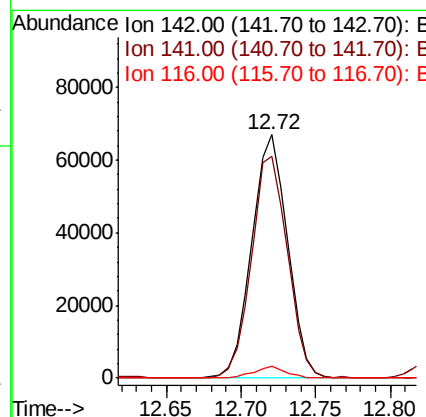
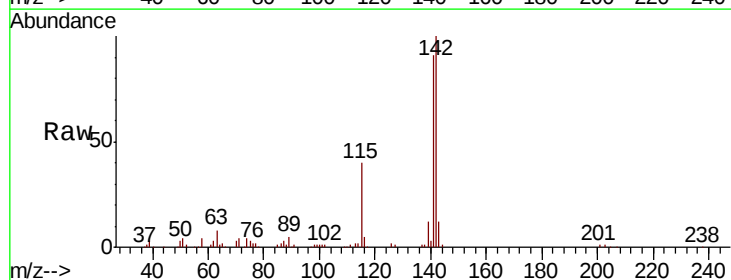
Manual Integrations
APPROVED

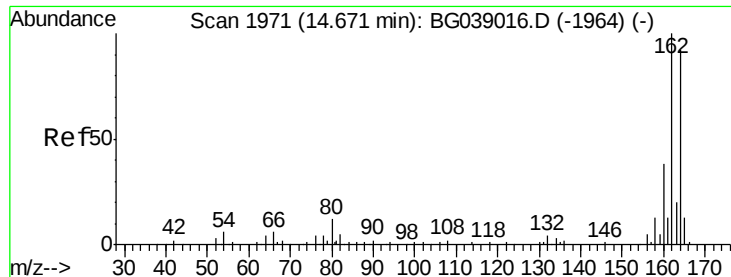
Sohil
1/10/2019 3:15:26 PM



#38
1-Methylnaphthalene
Concen: 33.114 ng
RT: 12.72 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.3	109.9
116	5.0	3.1	4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

ClientSampled :

SP-1-4MSD

Tot Ion:164 Resp: 66918

Ion Ratio Lower Upper

164 100

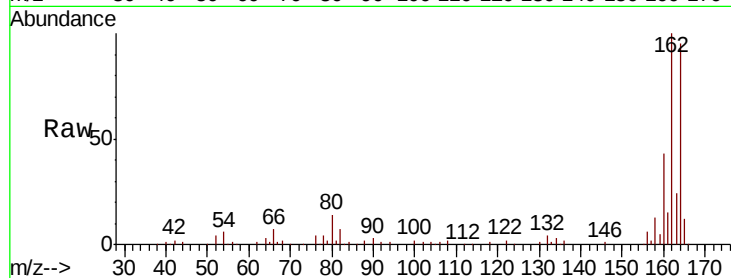
162 105.4 87.2 130.8

160 44.9 33.3 49.9

Manual Integrations
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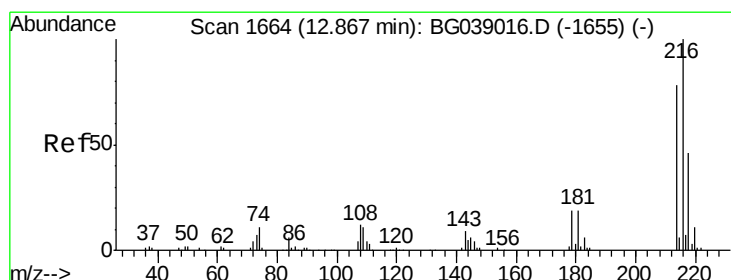
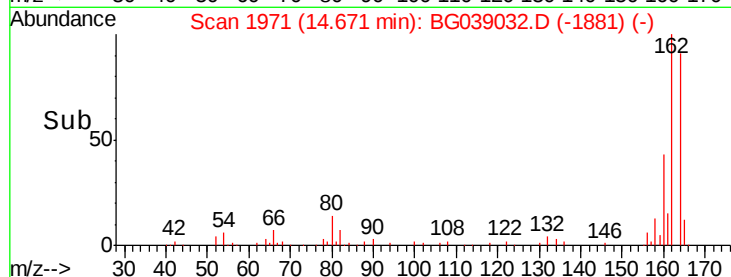
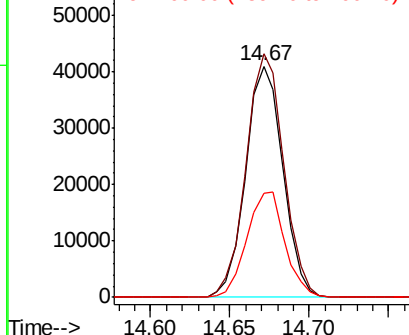


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 29.514 ng

RT: 12.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:216 Resp: 74173

Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 19.8 15.5 23.3

108 12.5 11.4 17.2

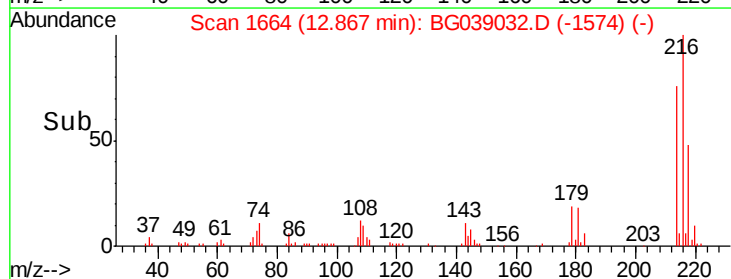
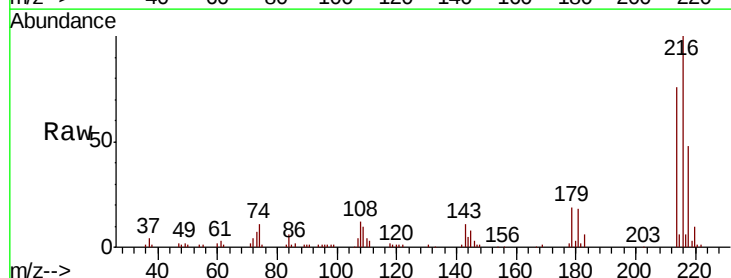
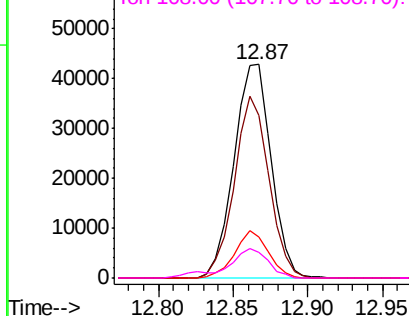
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.254 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

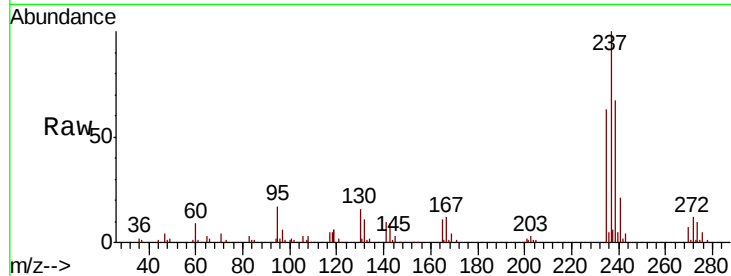
ClientSampleId :

SP-1-4MSD

Tot Ion:	237	Resp:	72454
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.7	81.7
272	12.4	0.0	32.1

Manual Integrations
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1/10/2019 3:15:26 PM

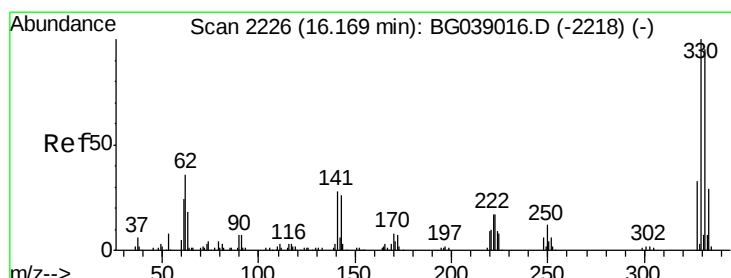
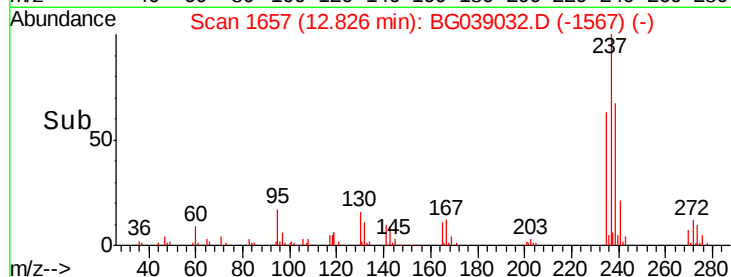
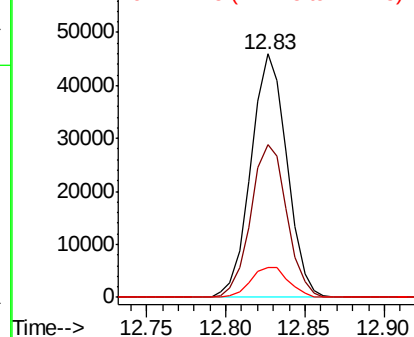


Abundance

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: 94.359 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

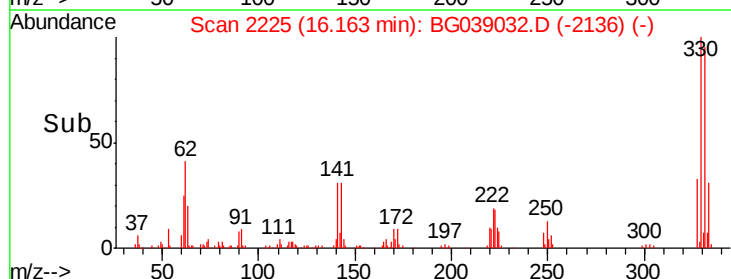
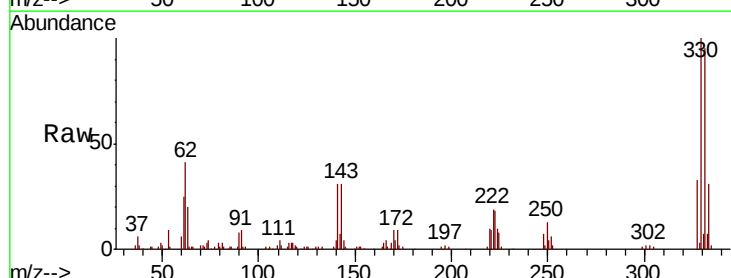
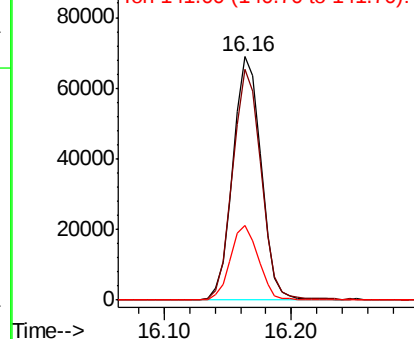
Tgt Ion:	330	Resp:	105845
Ion Ratio	Lower	Upper	
330	100		
332	95.1	75.7	113.5
141	30.6	24.9	37.3

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





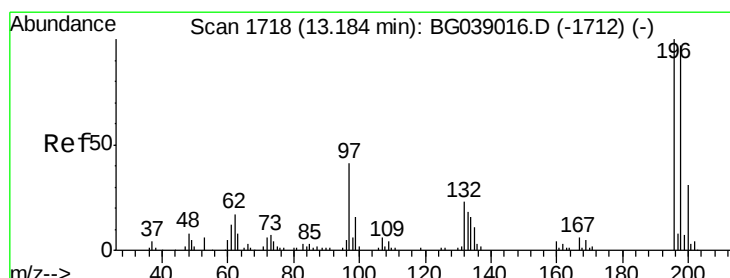
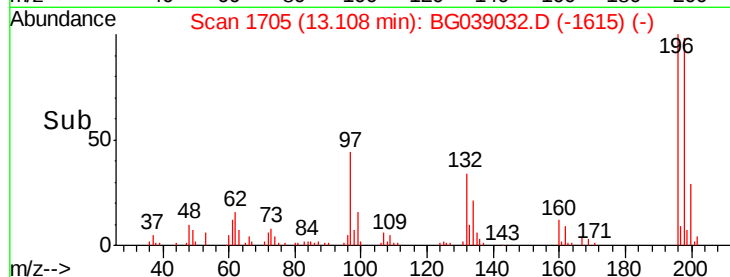
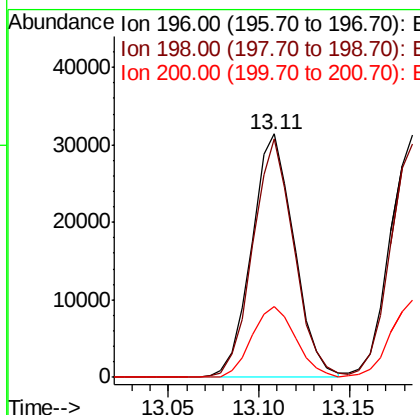
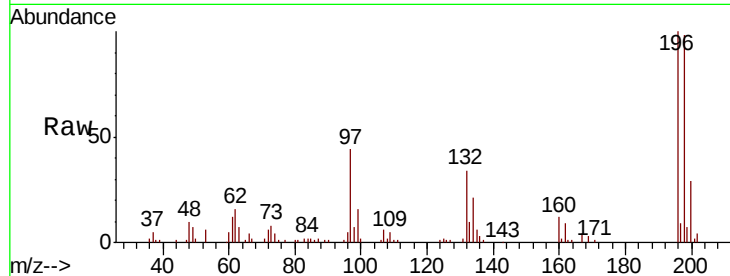
#43
 2,4,6-Trichlorophenol
 Concen: 32.185 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.5	111.7
200	29.3	23.8	35.6

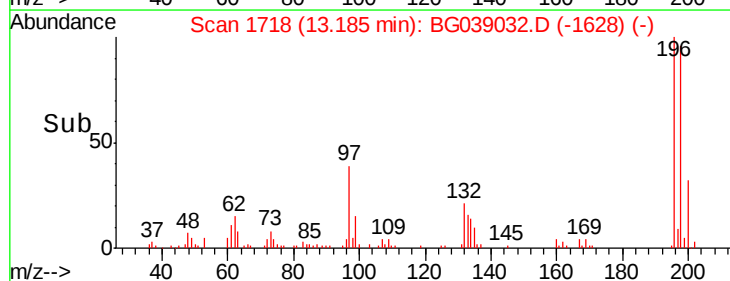
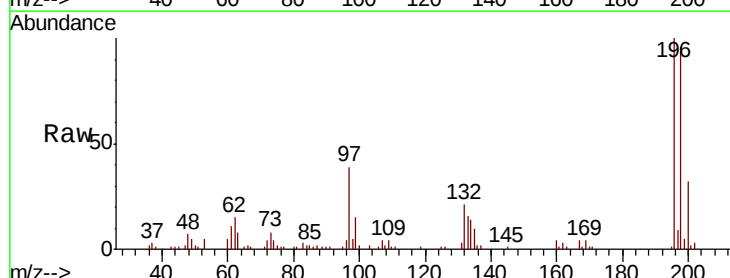
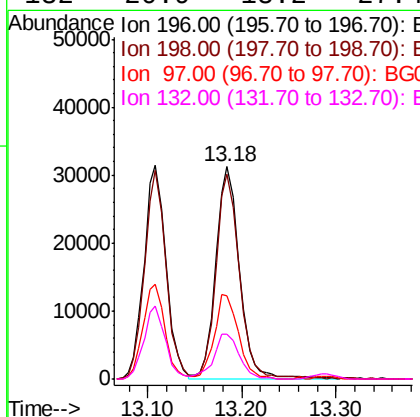
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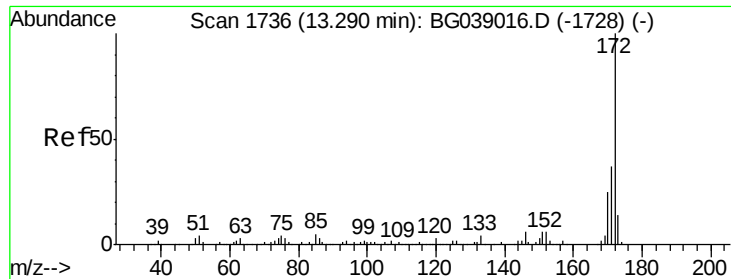
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 33.287 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.1	117.1
97	39.4	33.2	49.8
132	20.9	18.2	27.4





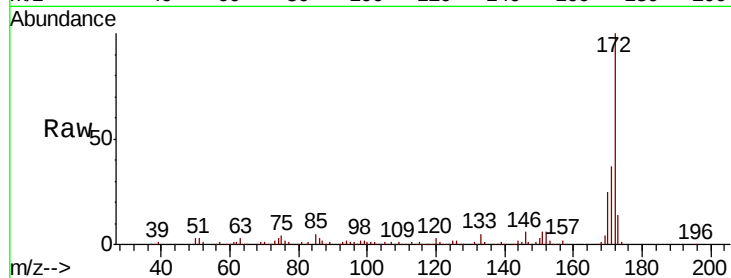
#45
2-Fluorobiphenyl
Concen: 58.273 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.7	29.4	44.0	
170	24.6	20.1	30.1	

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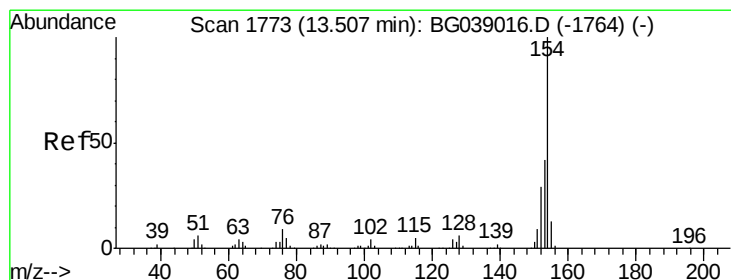
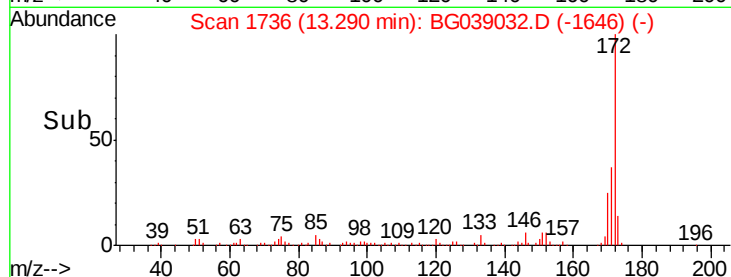
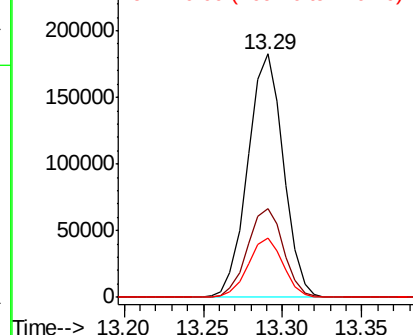


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 29.432 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

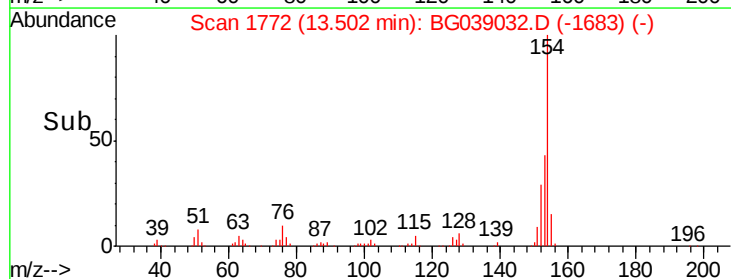
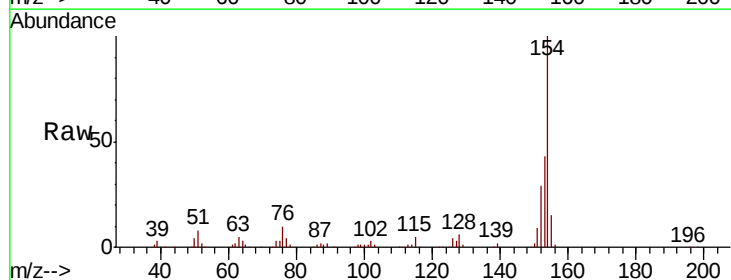
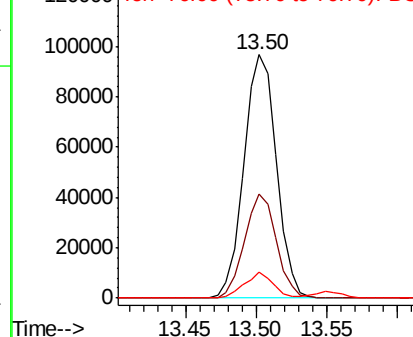
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.0	22.4	62.4	
76	10.5	0.0	29.4	

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





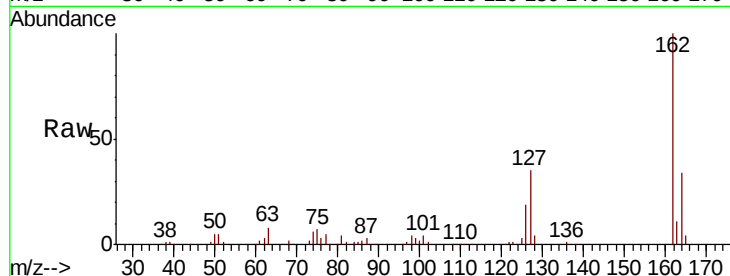
#47
2-Chloronaphthalene
Concen: 29.593 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.2	28.4	42.6
164	34.2	26.3	39.5

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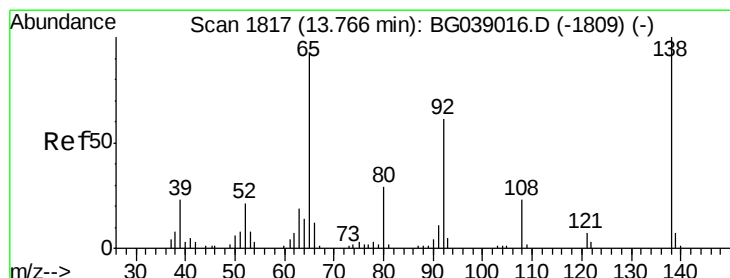
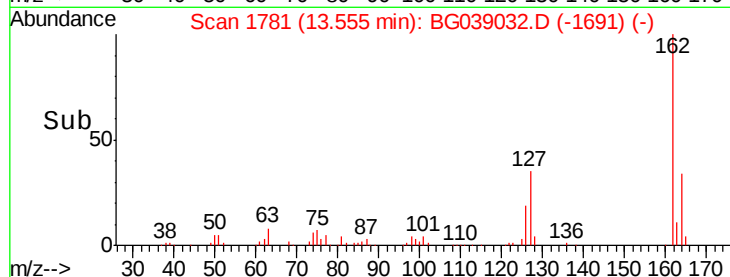
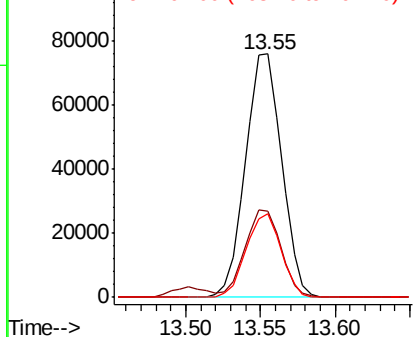


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 30.393 ng
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

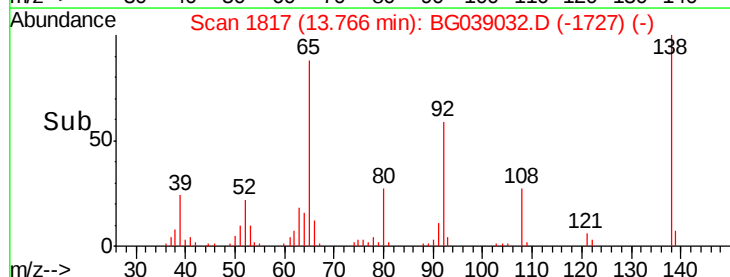
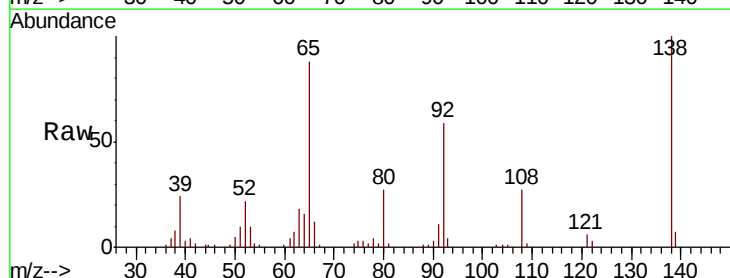
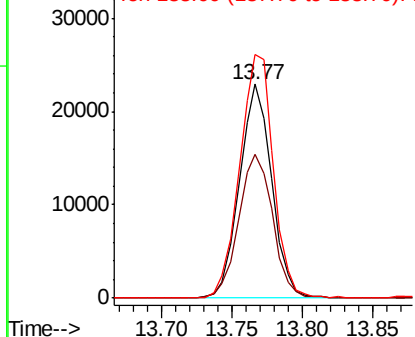
Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	52.2	78.4
138	113.8	86.0	129.0

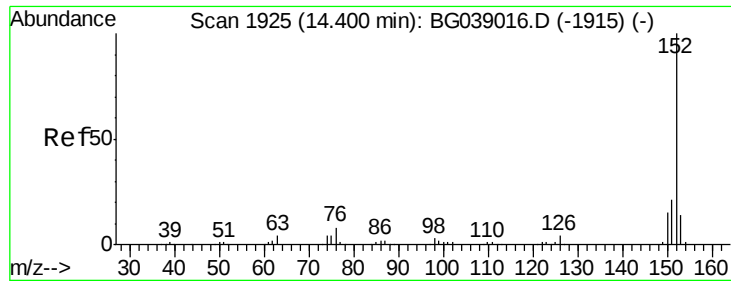
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 32.413 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

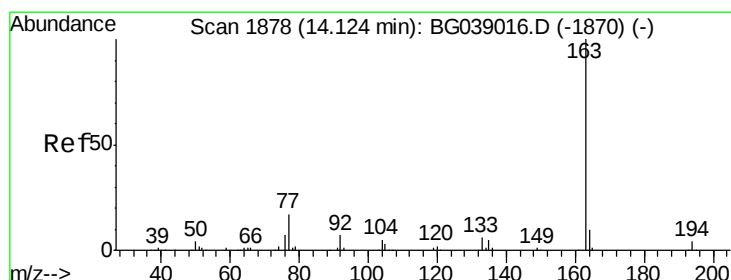
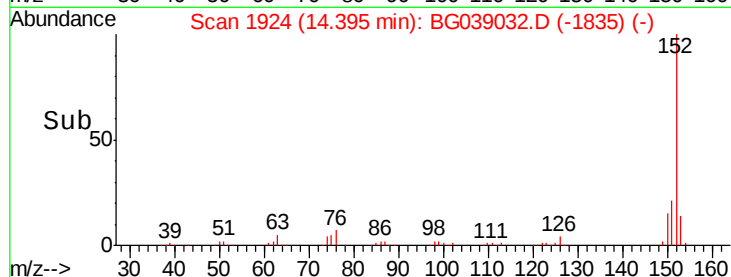
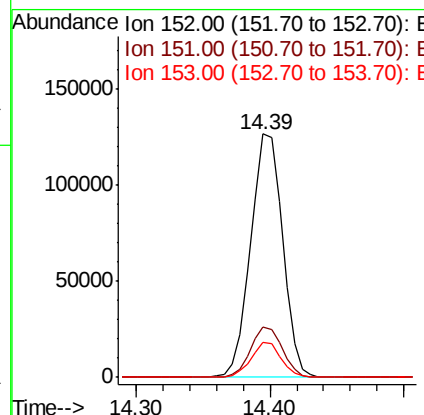
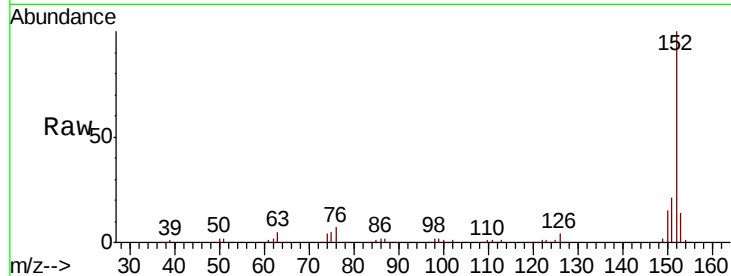
ClientSampleId :

SP-1-4MSD

Tot Ion:	152	Resp:	209043
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.4
153	14.1	11.2	16.8

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#50

Dimethylphthalate

Concen: 44.814 ng

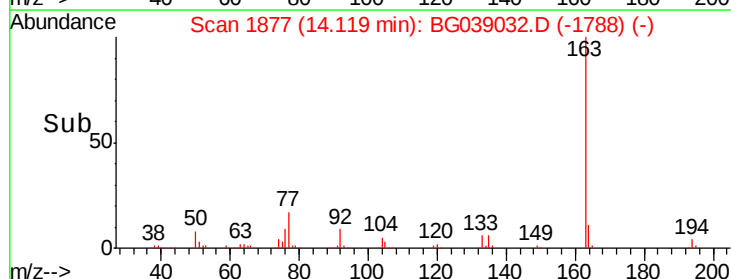
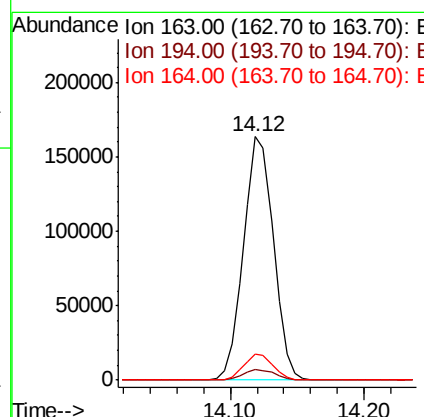
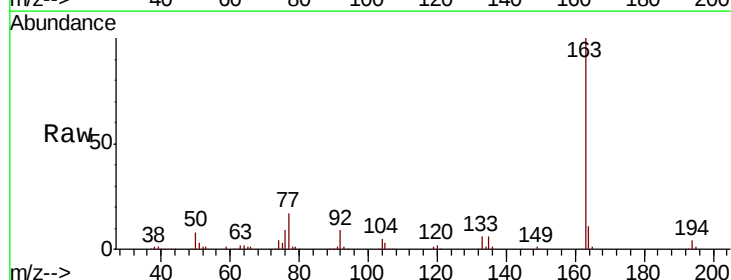
RT: 14.12 min Scan# 1877

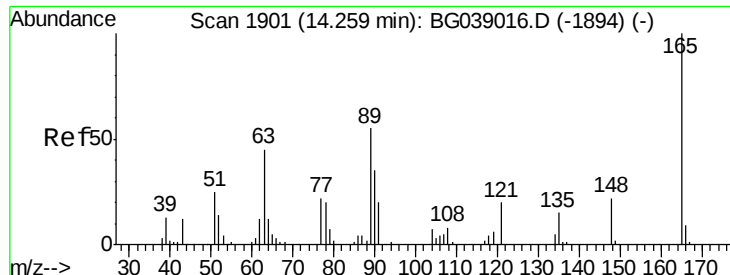
Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	163	Resp:	253420
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.5	8.2	12.2





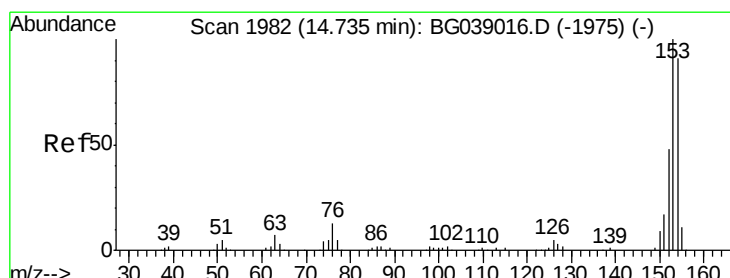
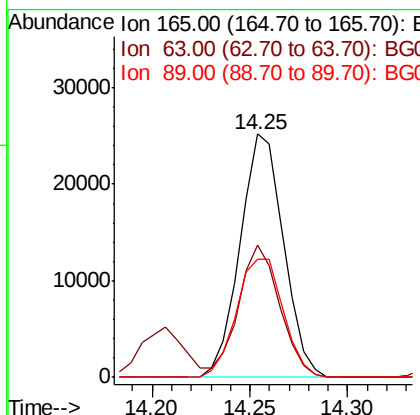
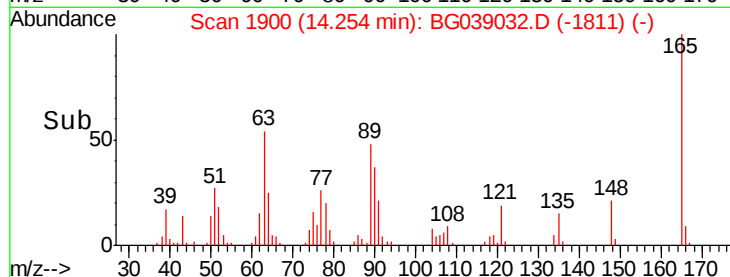
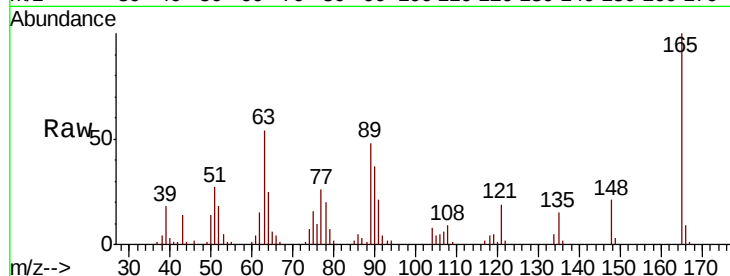
#51
2,6-Dinitrotoluene
Concen: 30.742 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	38866		
63	54.5	43.6	65.4	
89	48.3	43.7	65.5	

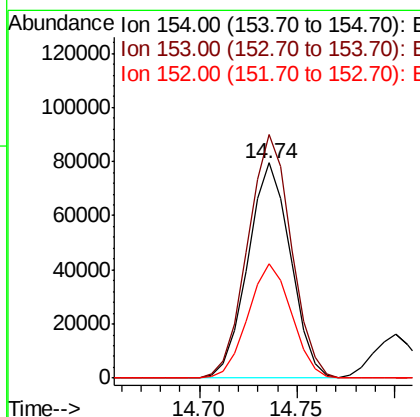
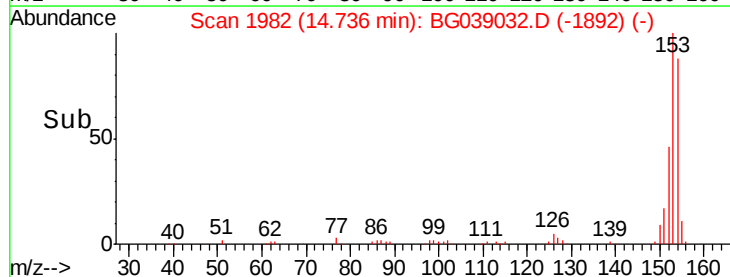
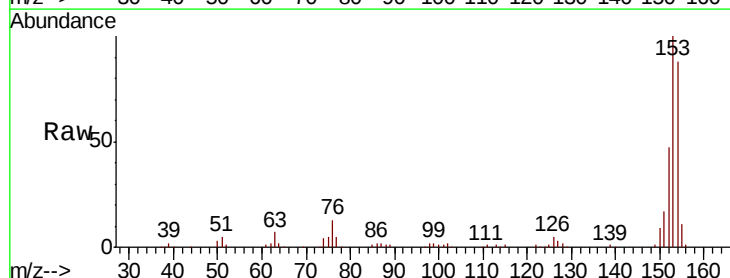
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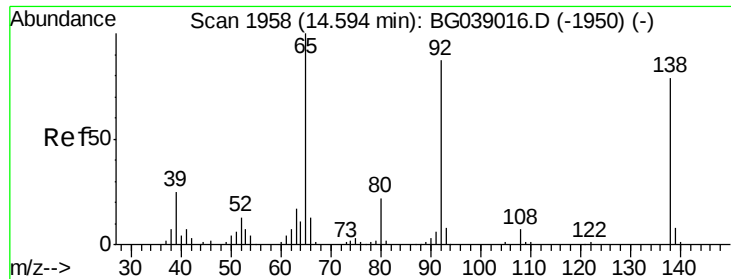
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#52
Acenaphthene
Concen: 31.212 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	120946		
153	113.2	87.9	131.9	
152	53.3	42.2	63.2	





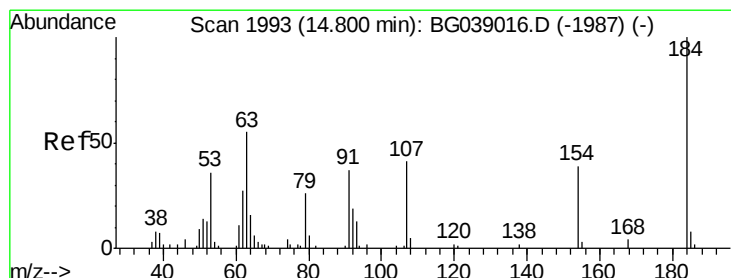
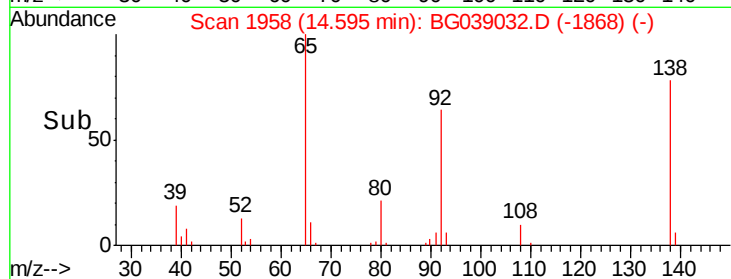
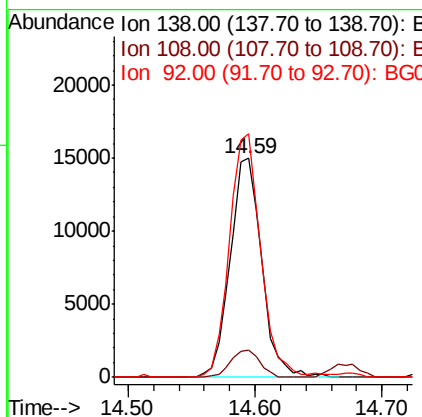
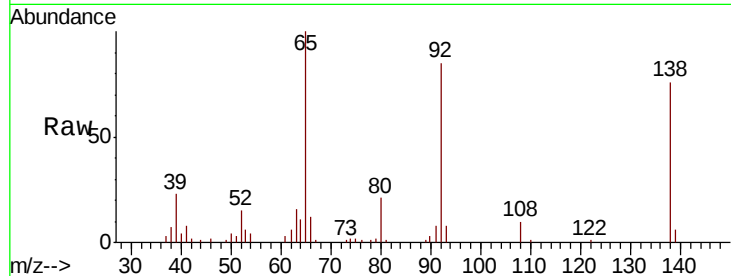
#53
 3-Nitroaniline
 Concen: 20.056 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampleId :
 SP-1-4MSD

Tot Ion:138 Resp: 25722
 Ion Ratio Lower Upper
 138 100
 108 12.4 7.4 11.0#
 92 111.1 88.2 132.4

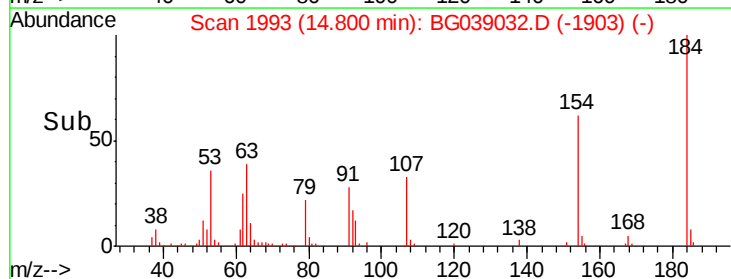
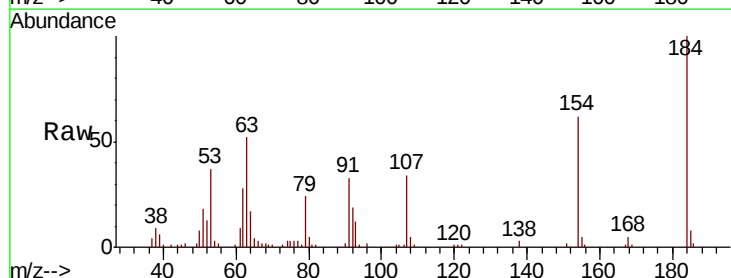
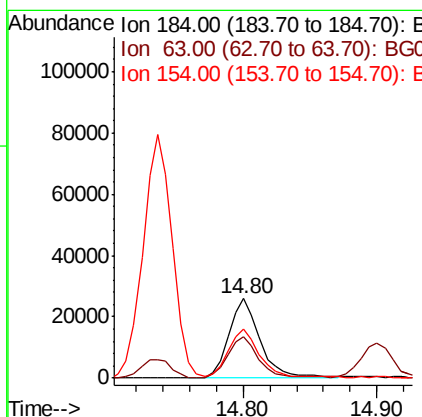
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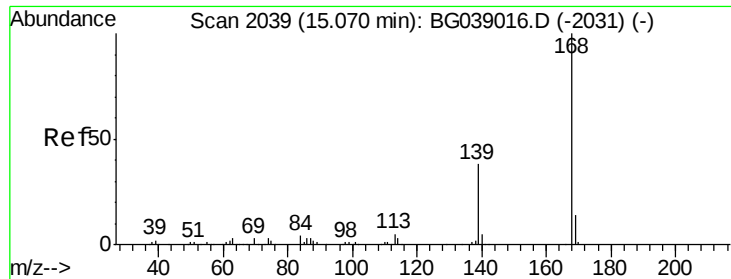
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#54
 2,4-Dinitrophenol
 Concen: 57.498 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion:184 Resp: 42234
 Ion Ratio Lower Upper
 184 100
 63 52.2 44.0 66.0
 154 62.3 46.1 69.1





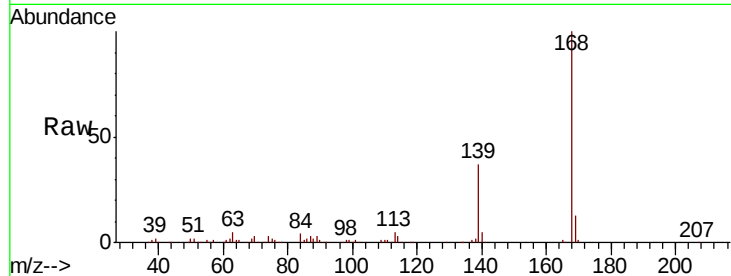
#55
Dibenzofuran
Concen: 30.691 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	12.9	10.9	16.3

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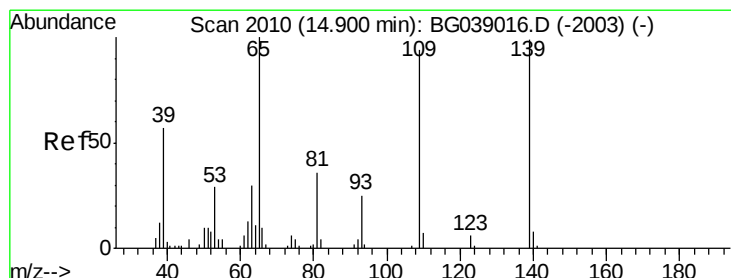
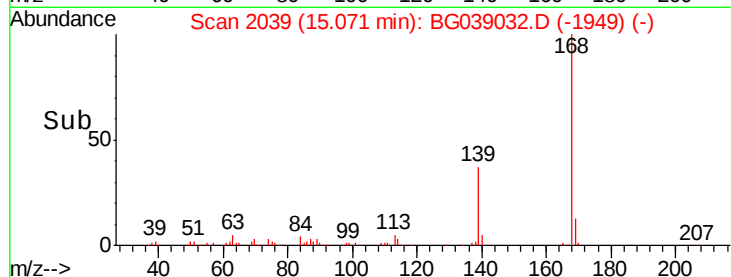
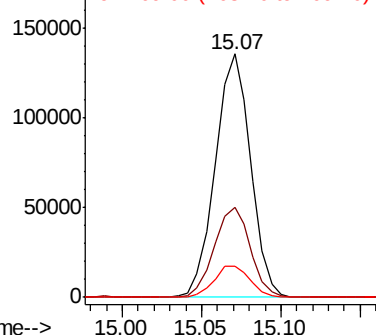


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 65.827 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

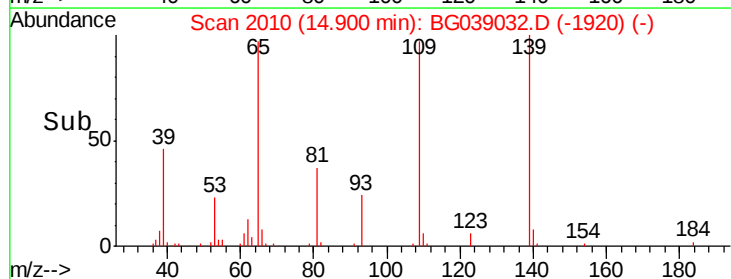
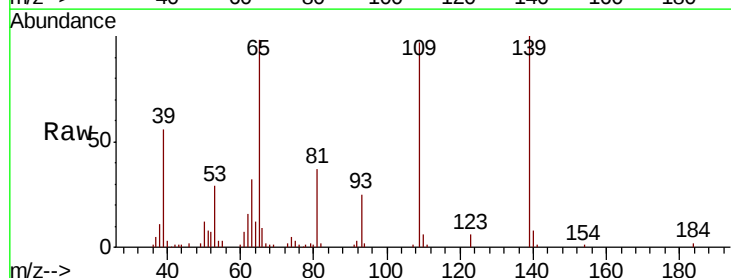
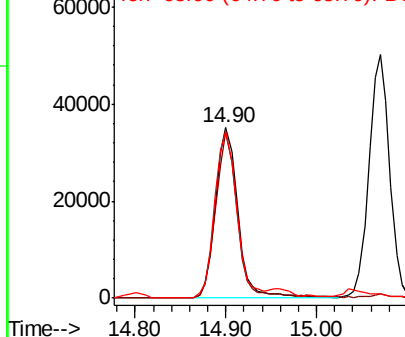
Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.2	75.6	115.6
65	98.1	81.2	121.2

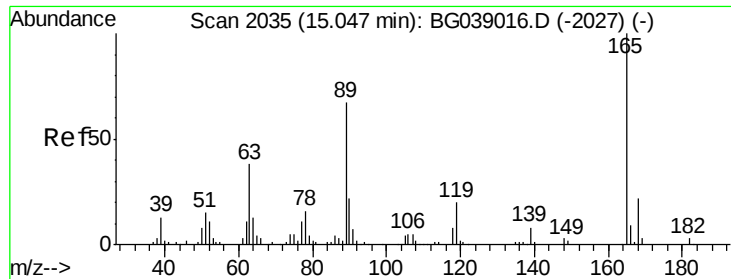
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





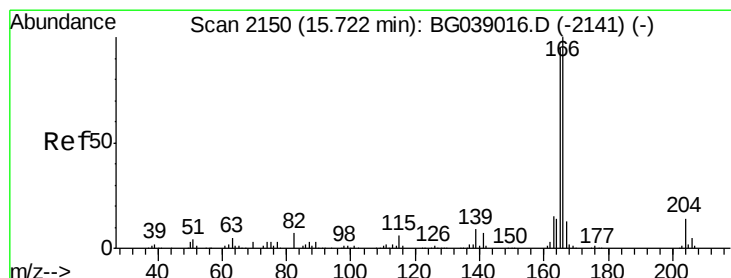
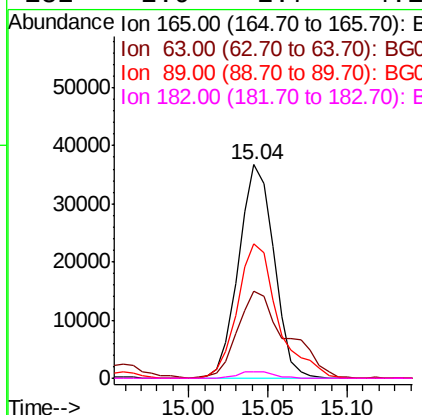
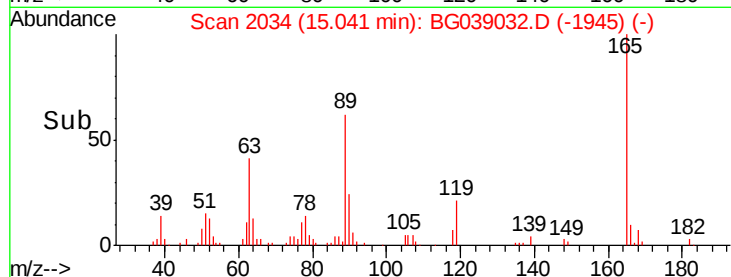
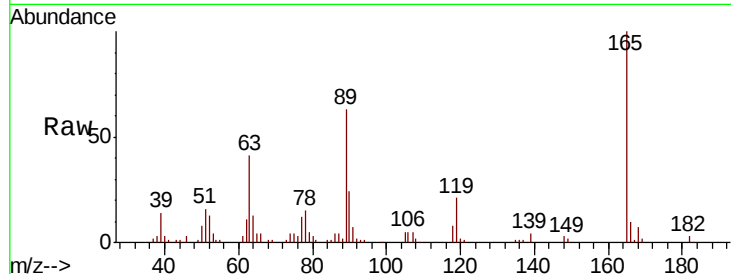
#57
2,4-Dinitrotoluene
Concen: 31.260 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.0	30.2	45.4
89	62.8	53.2	79.8
182	2.9	2.7	4.1

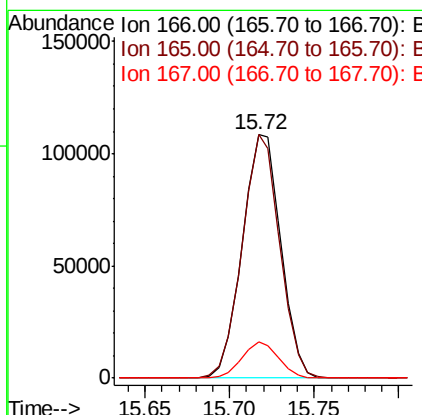
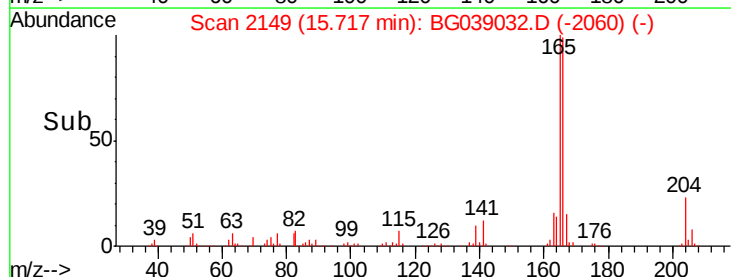
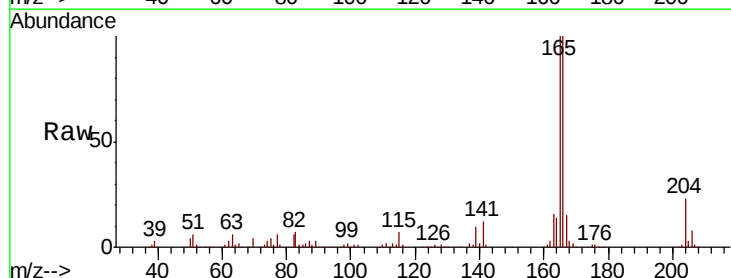
Manual Integrations
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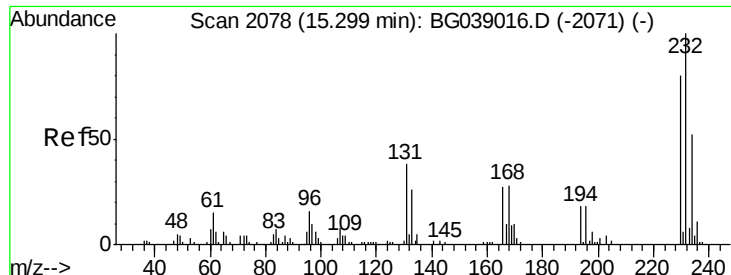
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#58
Fluorene
Concen: 33.358 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	76.2	114.2
167	15.2	10.6	16.0





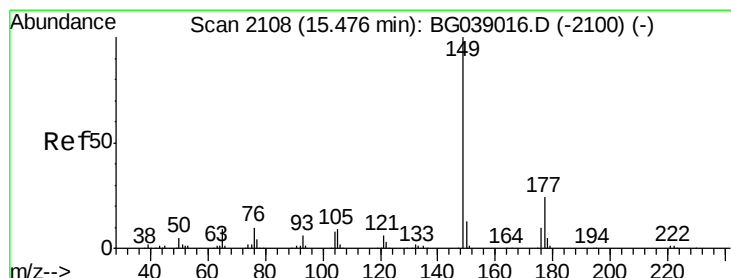
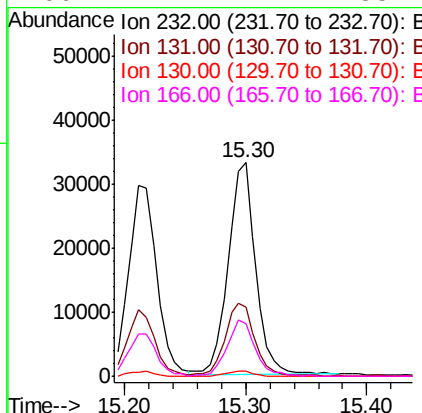
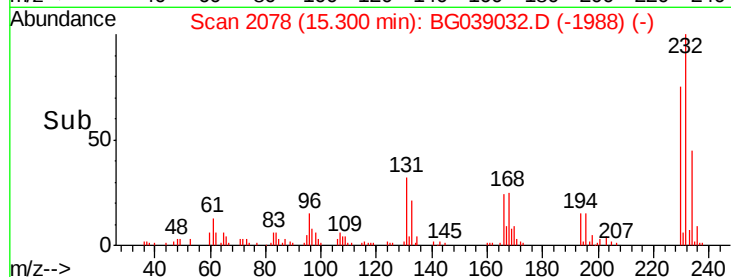
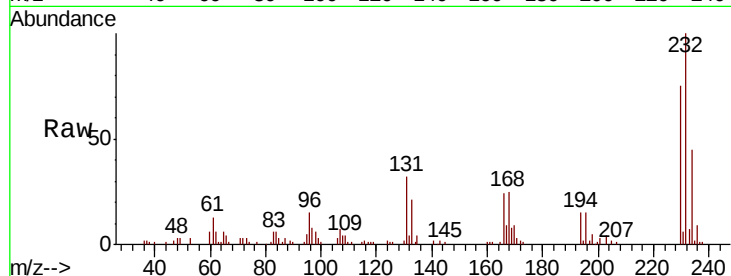
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.508 ng
RT: 15.30 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.1	30.9	46.3
130	2.3	1.9	2.9
166	27.1	22.1	33.1

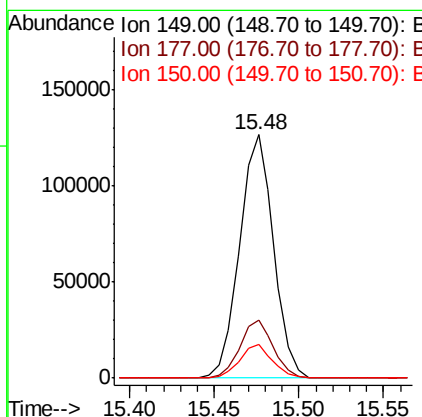
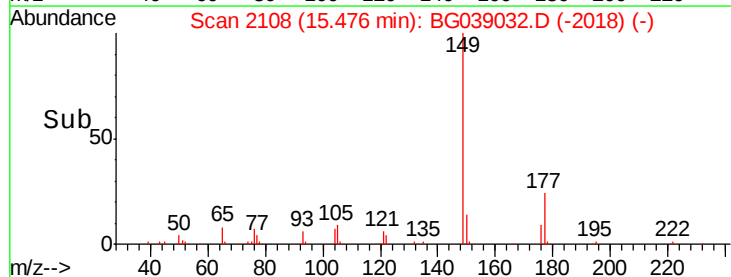
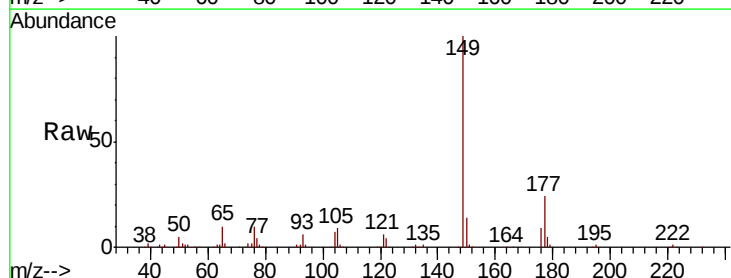
Manual Integrations
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#60
Diethylphthalate
Concen: 30.232 ng
RT: 15.48 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.0	28.6
150	13.6	10.2	15.4





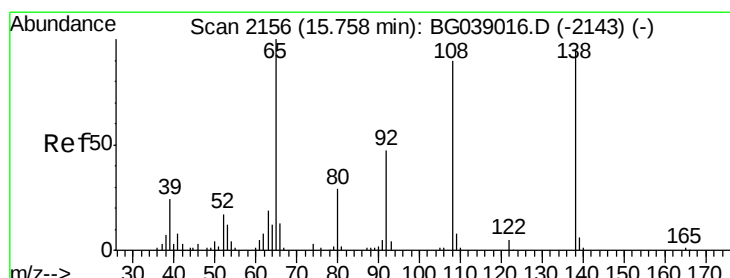
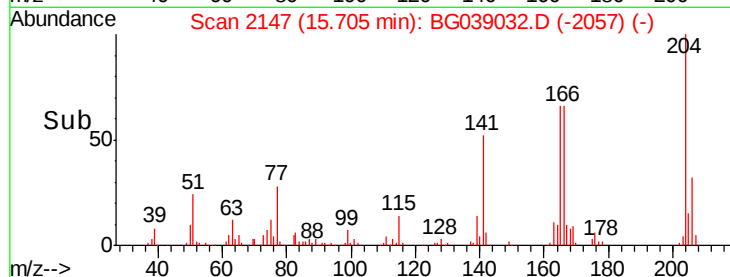
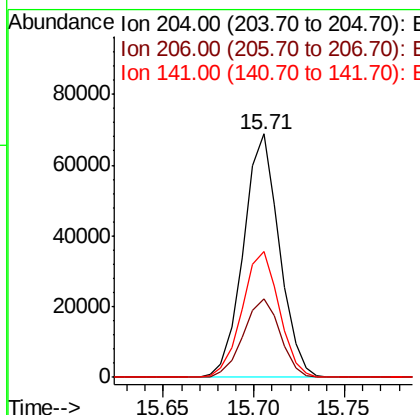
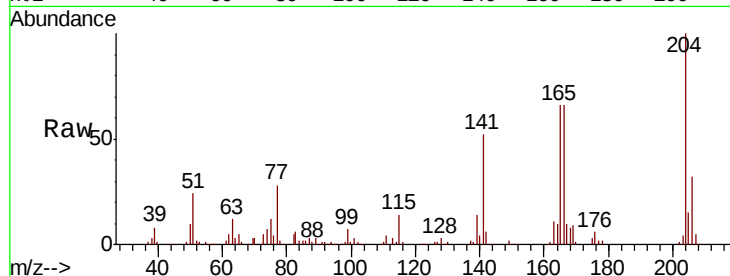
#61
4-Chlorophenyl-phenylether
Concen: 29.144 ng
RT: 15.71 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	51.5	41.4	62.0

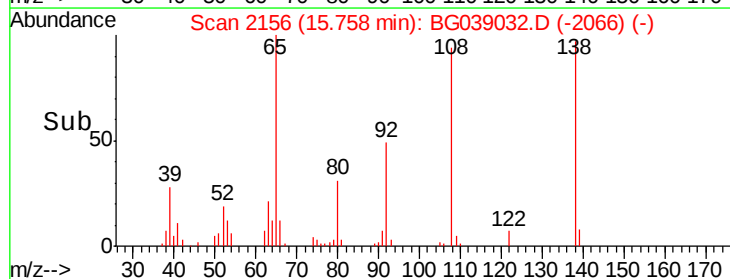
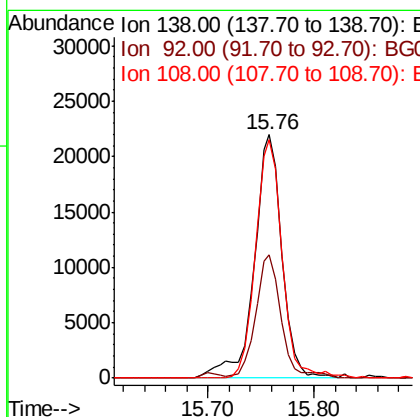
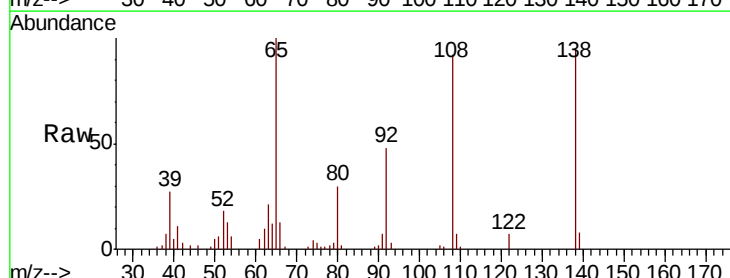
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#62
4-Nitroaniline
Concen: 30.119 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.7	69.7
108	97.7	75.7	115.7





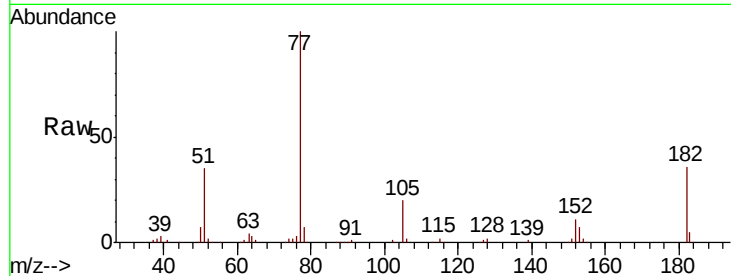
#63
Azobenzene
Concen: 30.189 ng
RT: 16.00 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	35.8	12.2	52.2
105	19.6	1.2	41.2
51	35.3	13.4	53.4

Manual Integrations
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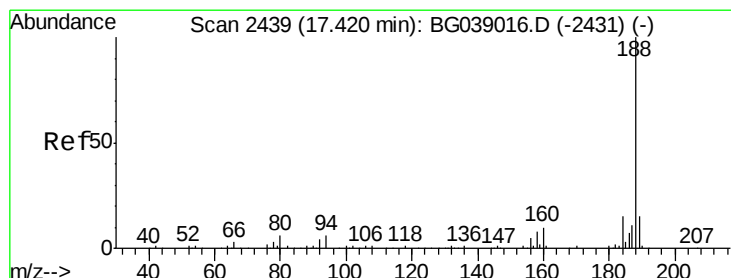
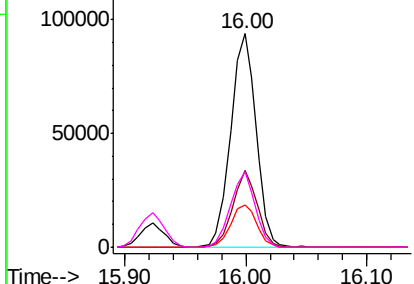
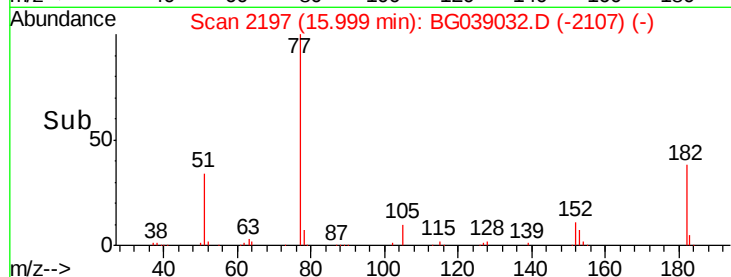
Abundance

Ion 77.00 (76.70 to 77.70): BG039032.D (-2107) (-)

Ion 182.00 (181.70 to 182.70): BG039032.D (-2107) (-)

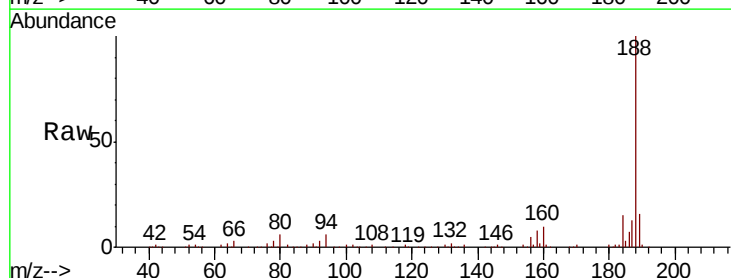
Ion 105.00 (104.70 to 105.70): BG039032.D (-2107) (-)

Ion 51.00 (50.70 to 51.70): BG039032.D (-2107) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.0	7.4
80	6.4	4.7	7.1

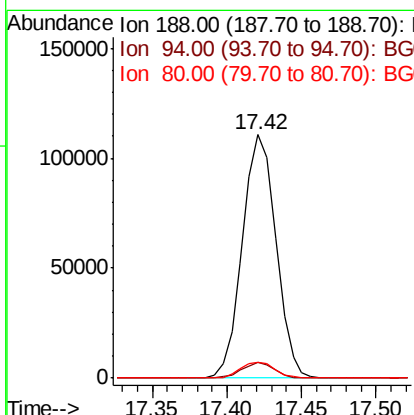
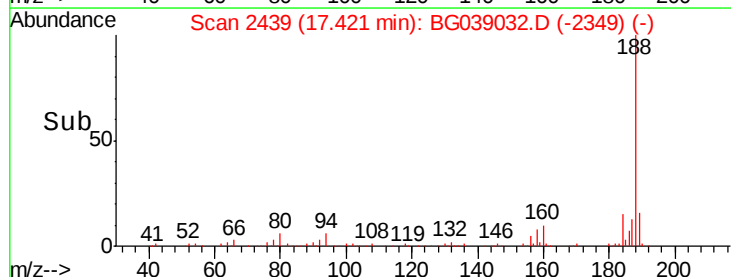


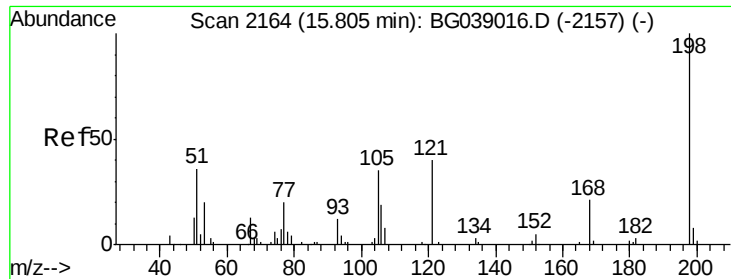
Abundance

Ion 188.00 (187.70 to 188.70): BG039032.D (-2349) (-)

Ion 94.00 (93.70 to 94.70): BG039032.D (-2349) (-)

Ion 80.00 (79.70 to 80.70): BG039032.D (-2349) (-)





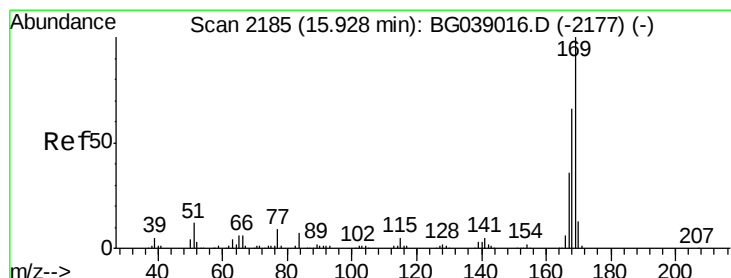
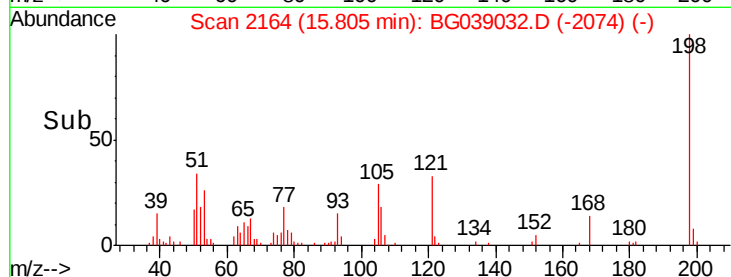
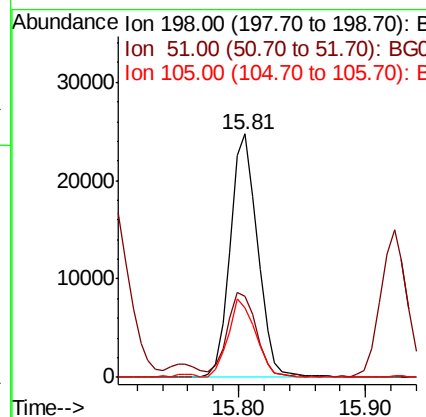
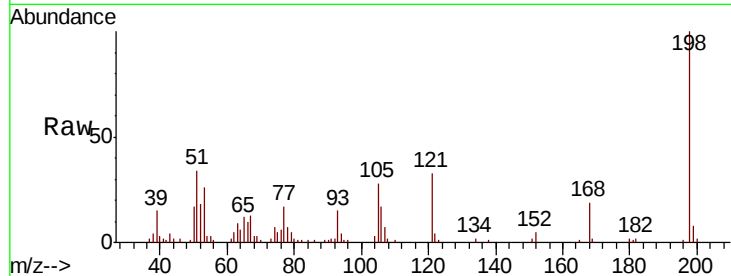
#65
4,6-Dinitro-2-methylphenol
Concen: 29.000 ng
RT: 15.81 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	36958		
51	33.6	20.8	60.8	
105	28.4	16.1	56.1	

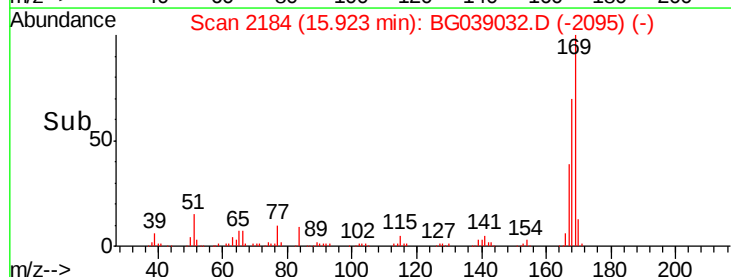
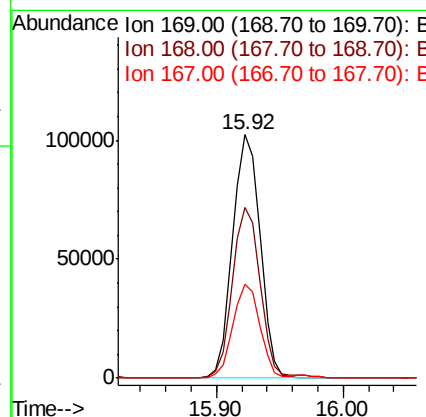
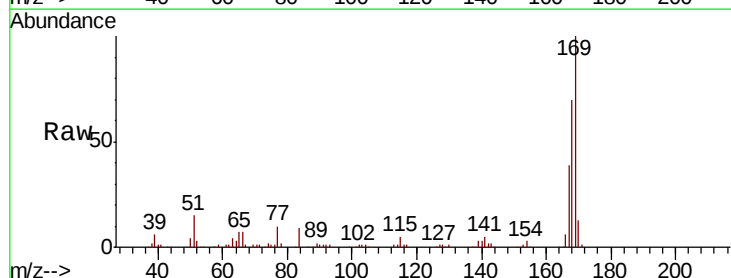
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#66
n-Nitrosodiphenylamine
Concen: 30.050 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	153240		
168	70.2	53.2	79.8	
167	38.7	29.1	43.7	





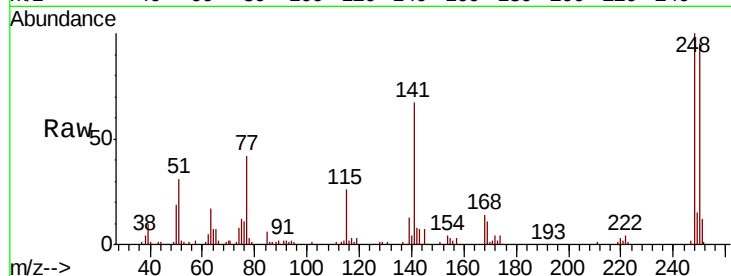
#67
 4-Bromophenyl-phenylether
 Concen: 28.885 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampled :
 SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	79.9	119.9
141	66.8	52.7	79.1

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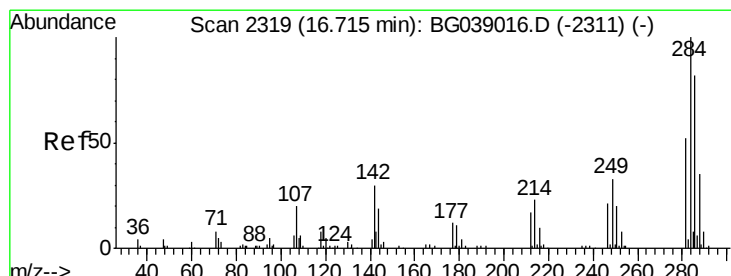
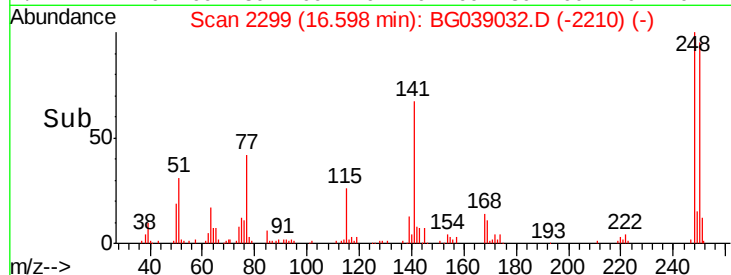
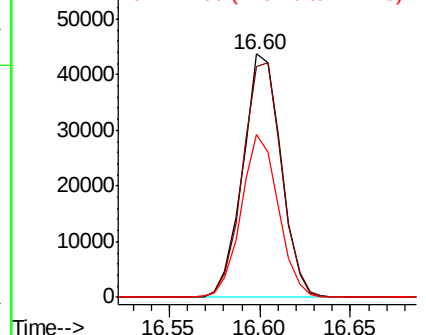


Abundance

Ion 248.00 (247.70 to 248.70): E

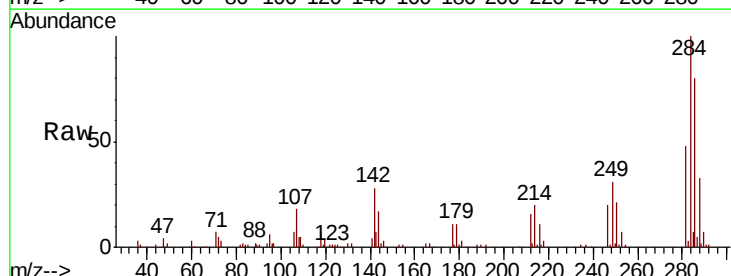
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 29.498 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	24.3	36.5
249	33.3	27.8	41.8

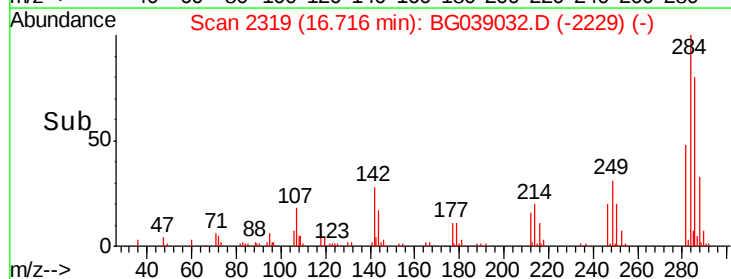
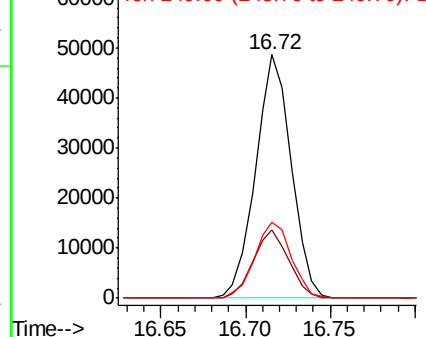


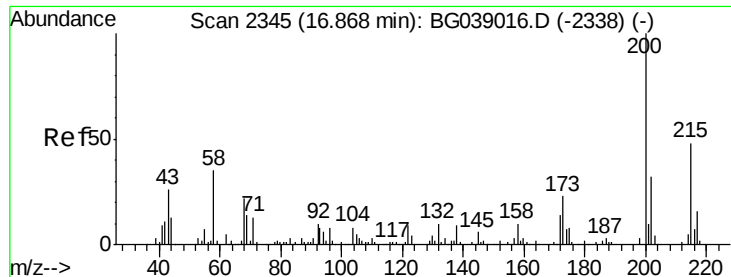
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





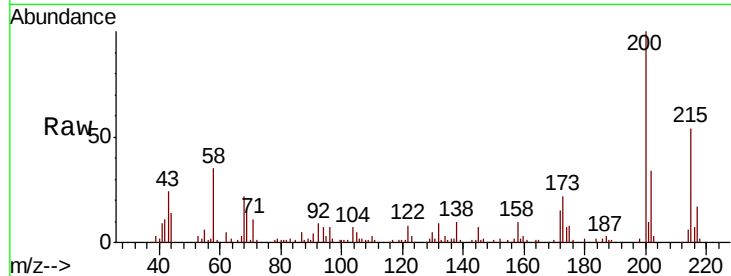
#69
Atrazine
Concen: 29.999 ng
RT: 16.87 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.2	2.6	42.6
215	53.5	28.0	68.0

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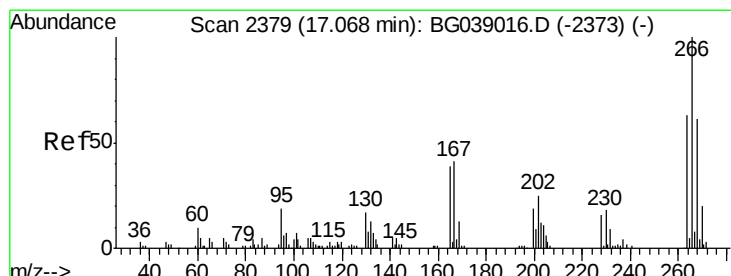
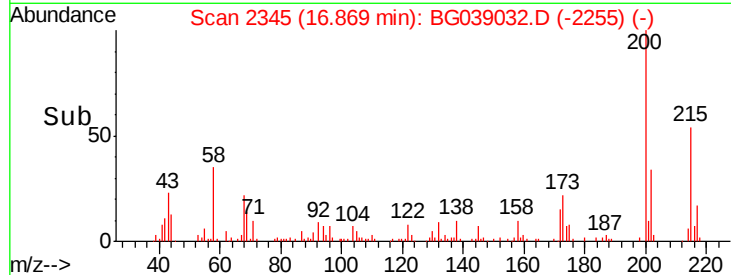
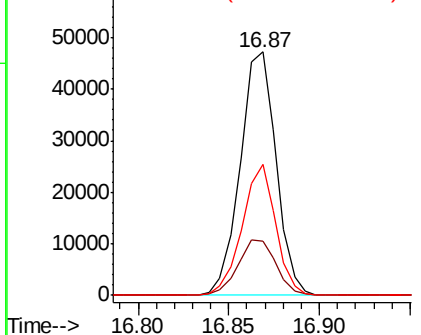


Abundance

Ion 200.00 (199.70 to 200.70): E

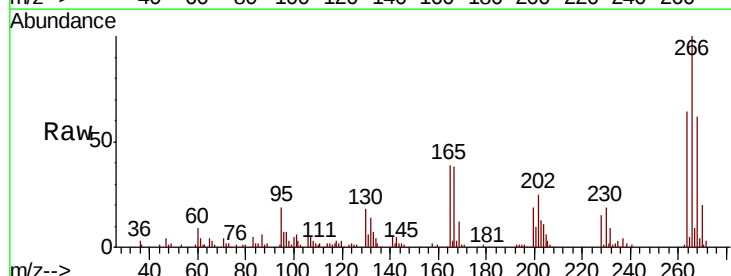
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 51.139 ng
RT: 17.07 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	52.0	78.0
264	63.5	54.6	81.8

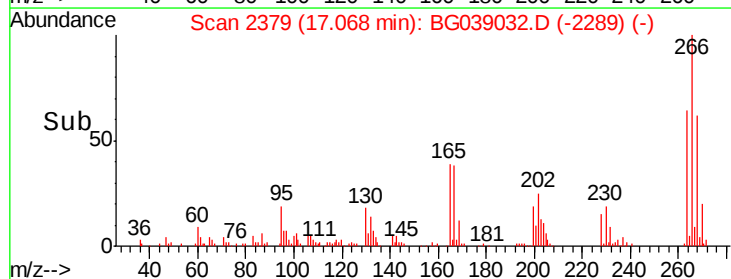
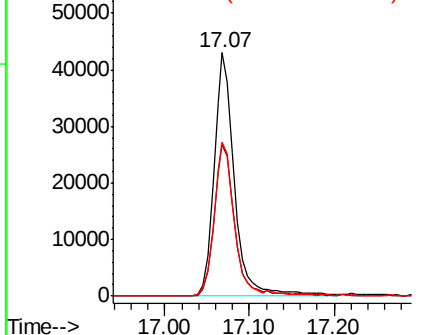


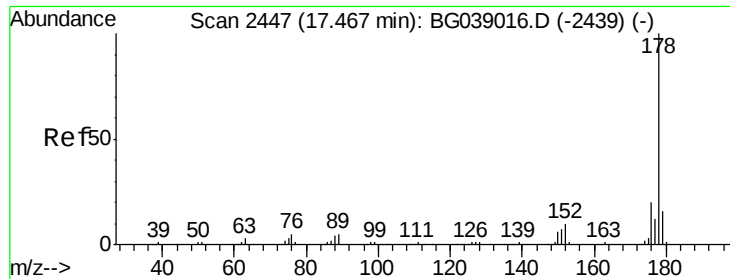
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





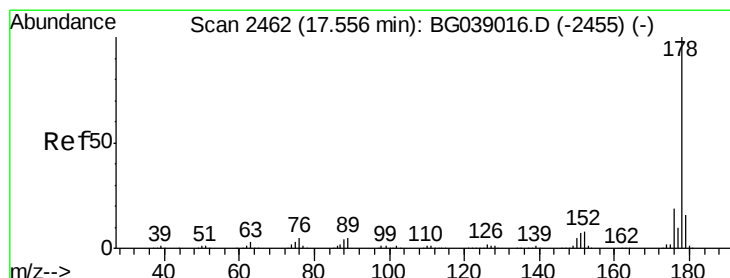
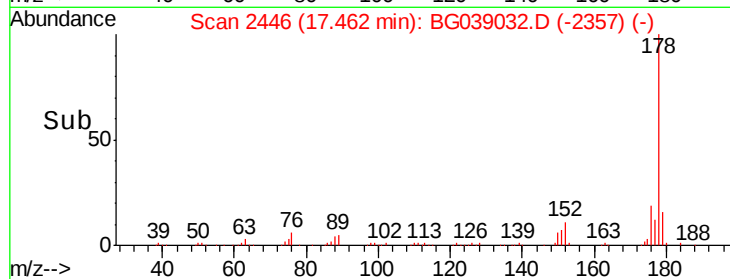
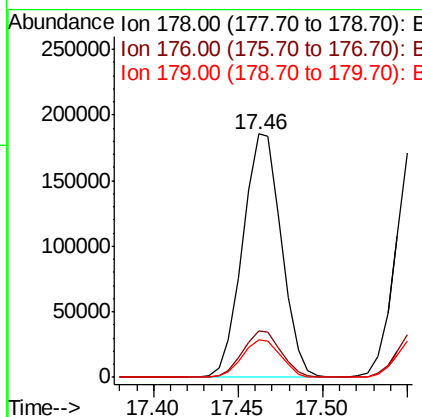
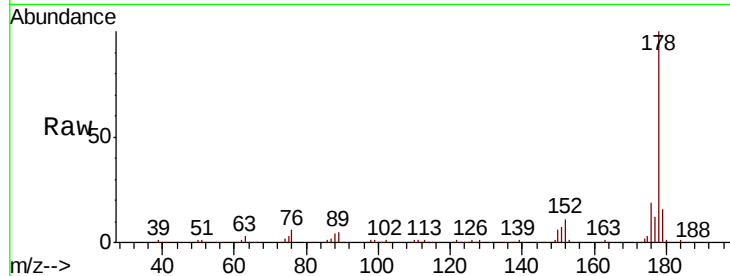
#71
Phenanthrene
Concen: 32.508 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.7	12.9	19.3

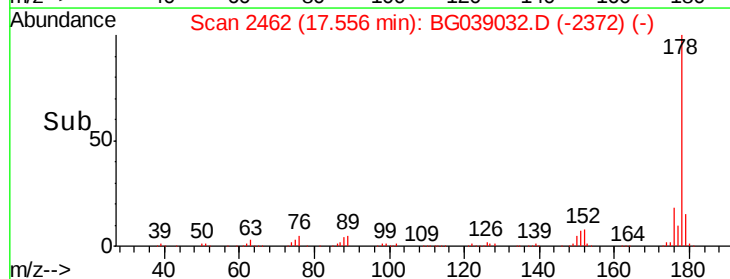
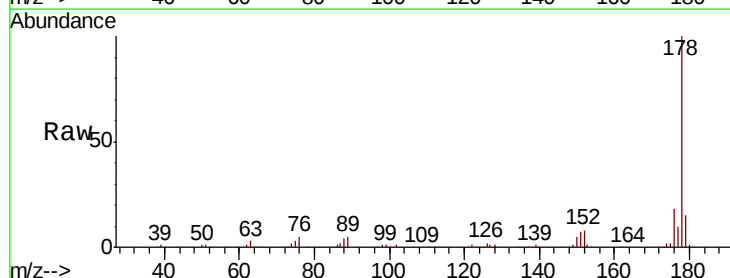
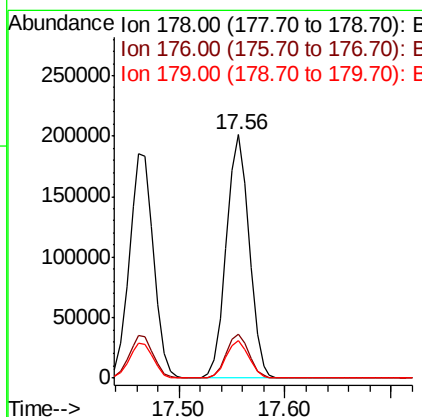
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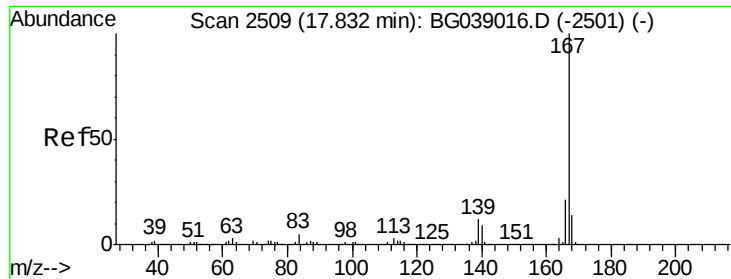
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#72
Anthracene
Concen: 33.510 ng
RT: 17.56 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.9	22.3
179	15.4	13.0	19.4





#73

Carbazole

Concen: 30.289 ng

RT: 17.83 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

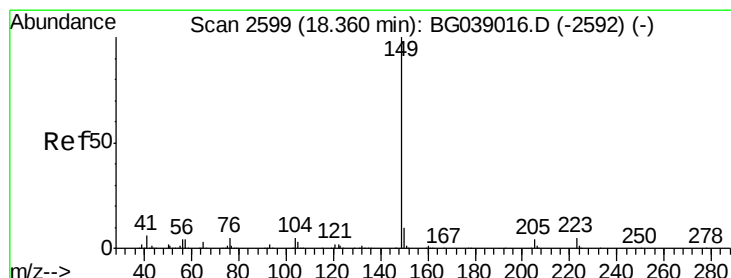
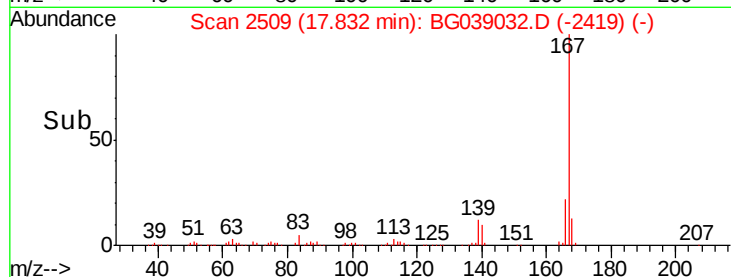
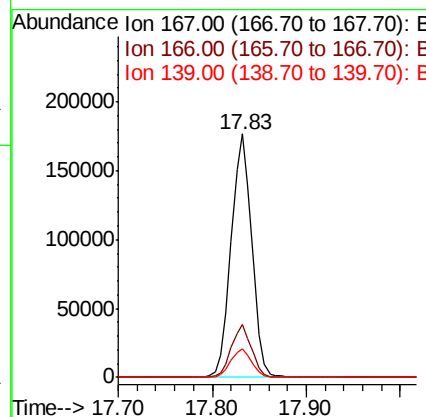
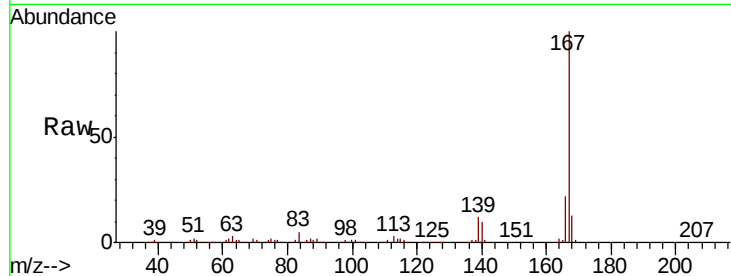
ClientSampleId :

SP-1-4MSD

Tot Ion:	167	Resp:	268804
Ion Ratio	Lower	Upper	
167	100		
166	21.6	16.9	25.3
139	11.7	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 30.823 ng

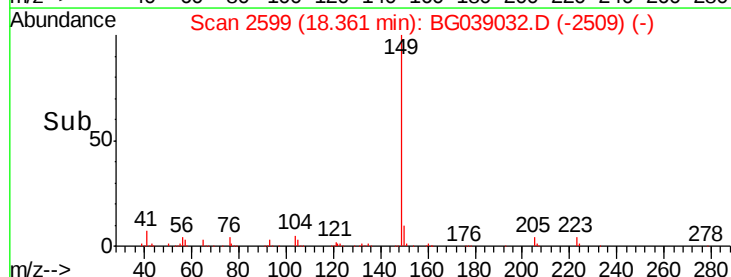
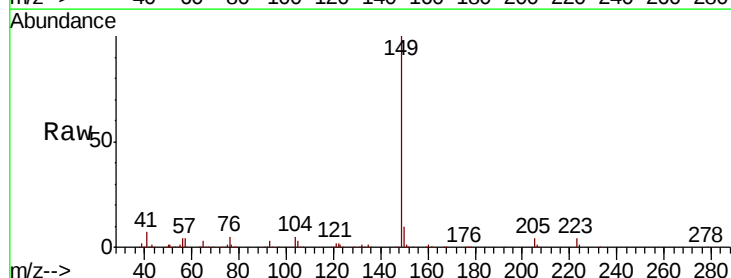
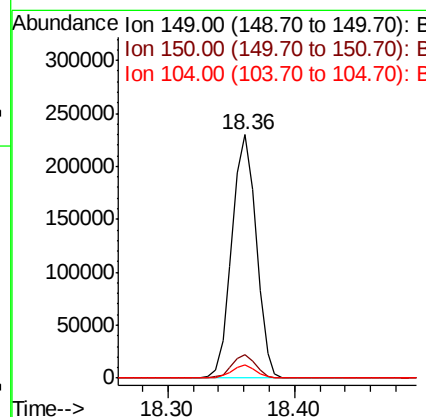
RT: 18.36 min Scan# 2599

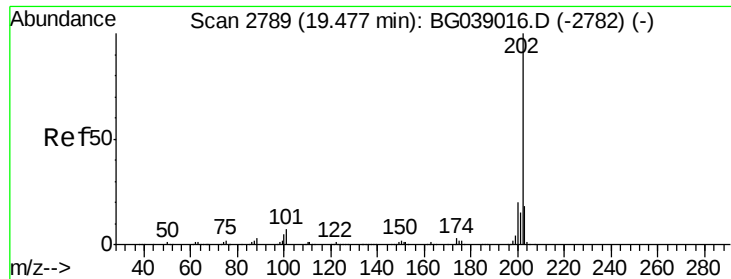
Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	149	Resp:	304304
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.9	11.9
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 33.796 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

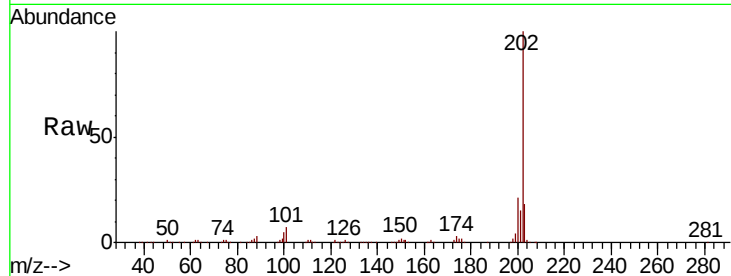
ClientSampleId :

SP-1-4MSD

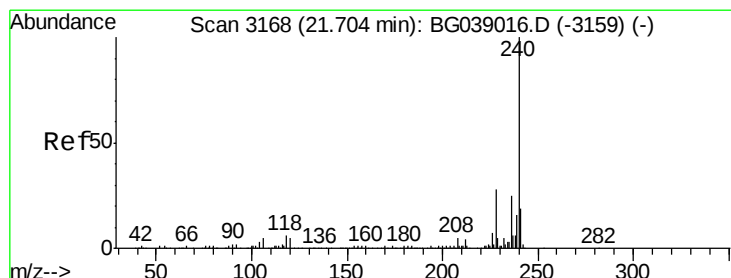
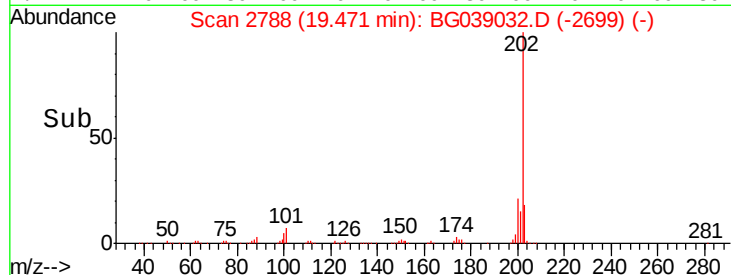
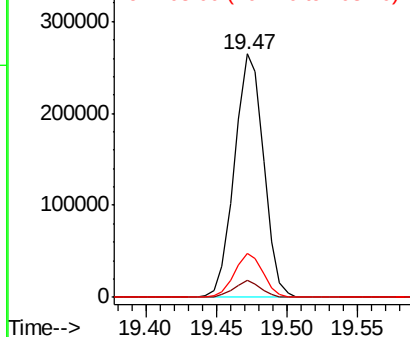
Tot Ion:	202	Resp:	380931
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	26.9
203	18.2	0.0	38.1

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



#76

Chrysene-d12

Concen: 20.000 ng

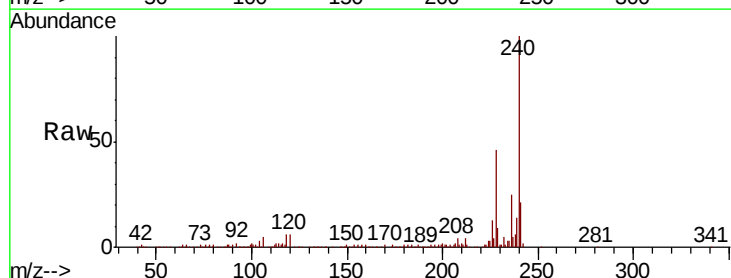
RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

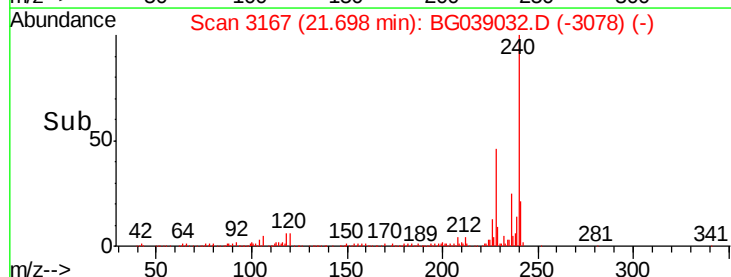
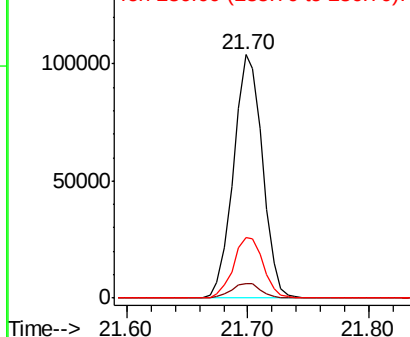
Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	240	Resp:	173828
Ion Ratio	Lower	Upper	
240	100		
120	6.0	4.3	6.5
236	25.0	20.1	30.1



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





#77

Benzidine

Concen: 32.472 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

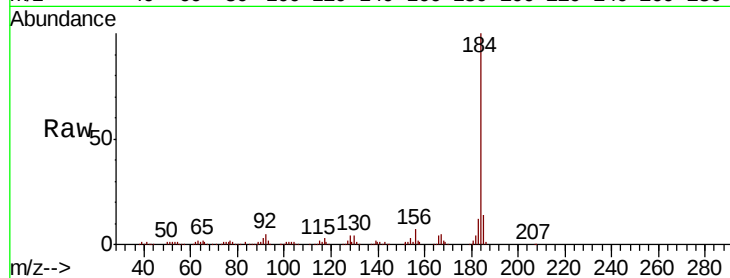
ClientSampleId :

SP-1-4MSD

Tot Ion	Ion	Ratio	Lower	Upper
184	100			
185	14.2	12.1	18.1	
183	12.2	9.5	14.3	

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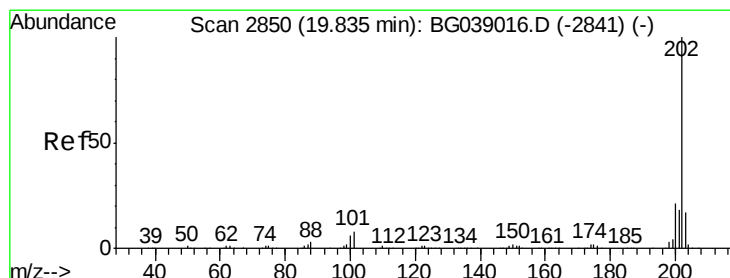
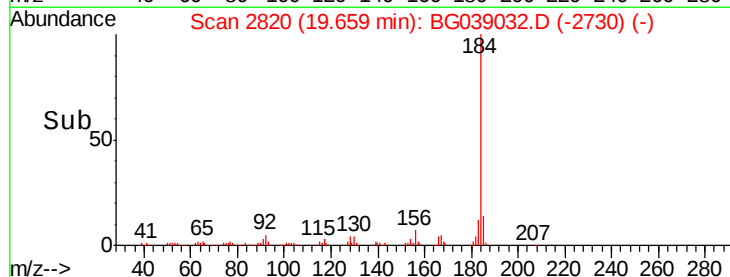
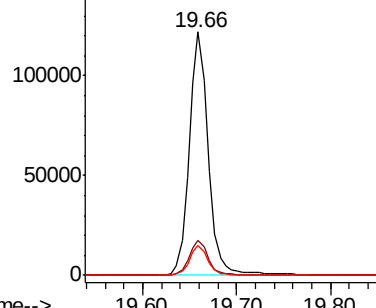


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.808 ng

RT: 19.84 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

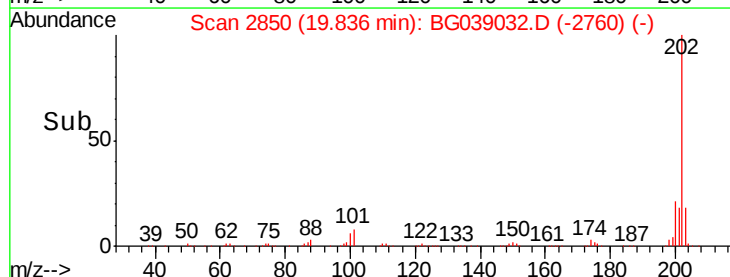
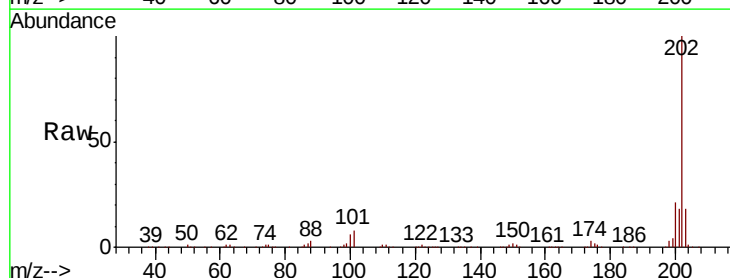
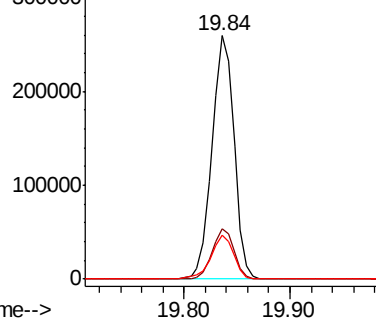
Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	20.6	17.0	25.6	
203	18.0	14.0	21.0	

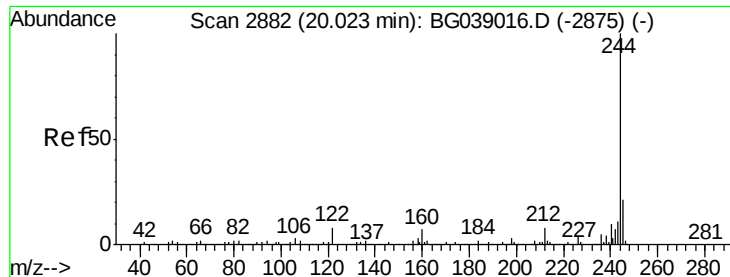
Abundance

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





#79

Terphenyl-d14

Concen: 56.749 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

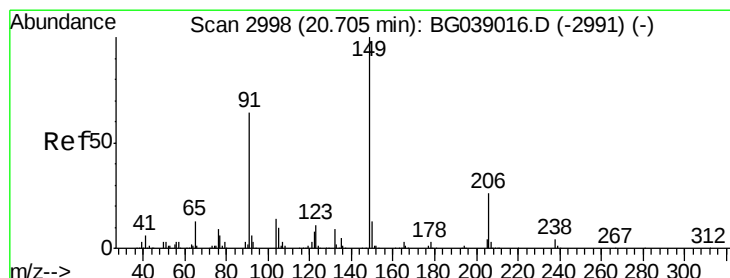
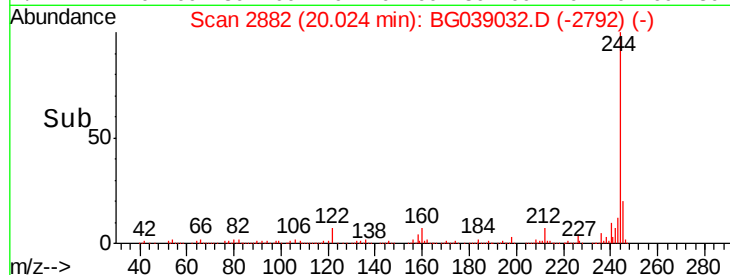
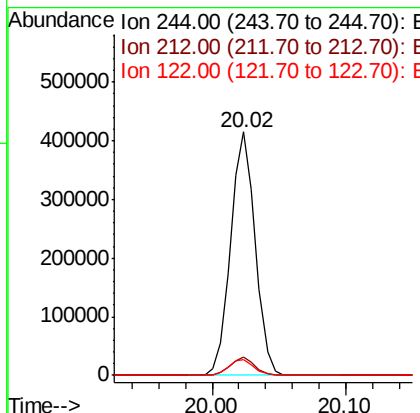
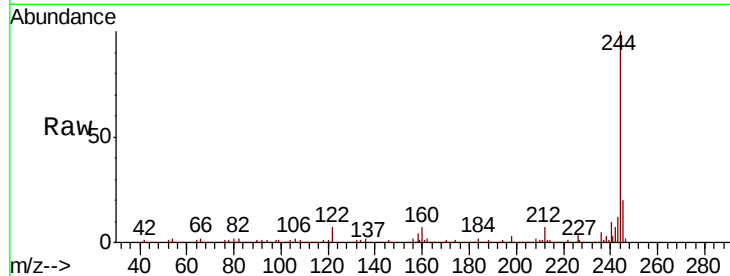
ClientSampled :

SP-1-4MSD

Tot Ion:	244	Resp:	533248
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.1	9.1
122	6.5	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 31.887 ng

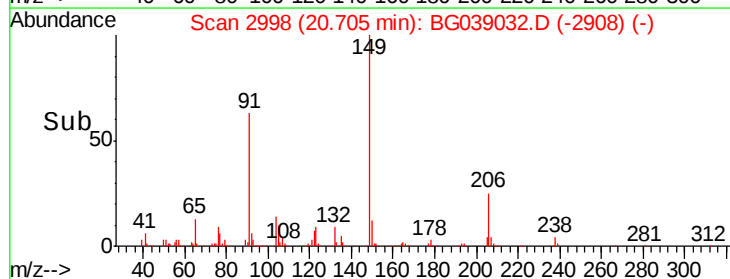
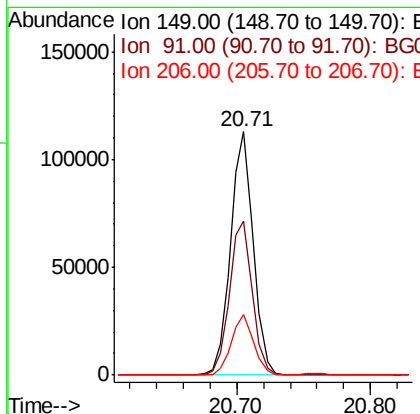
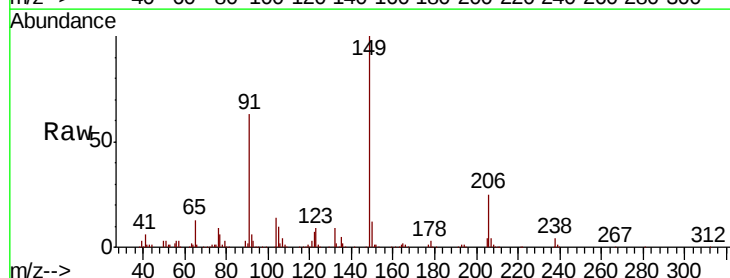
RT: 20.71 min Scan# 2998

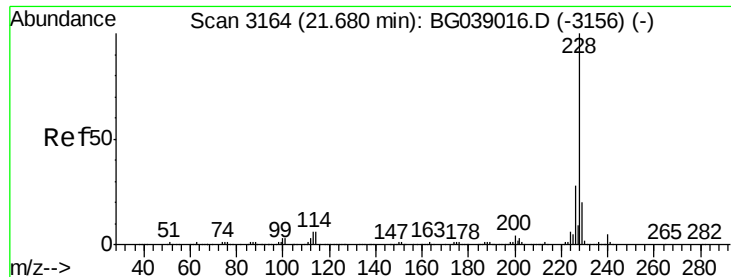
Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	149	Resp:	134352
Ion Ratio	Lower	Upper	
149	100		
91	63.0	51.4	77.0
206	24.7	20.4	30.6





#81

Benzo(a)anthracene

Concen: 33.588 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Instrument :

BNA_G

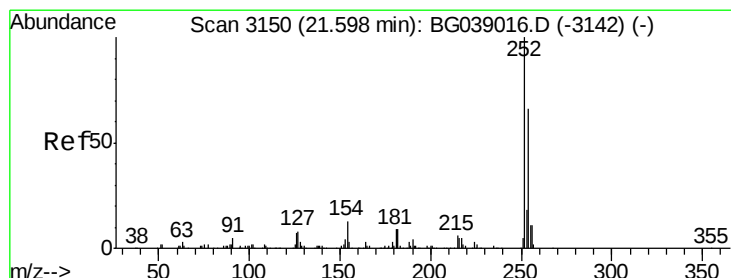
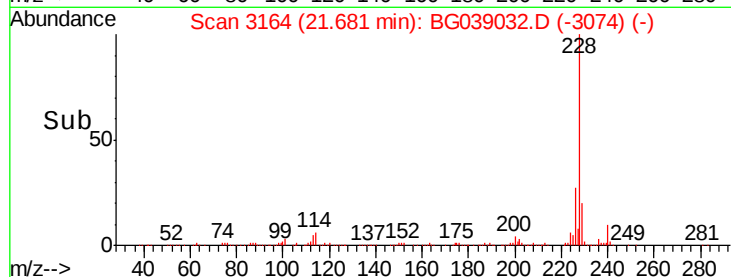
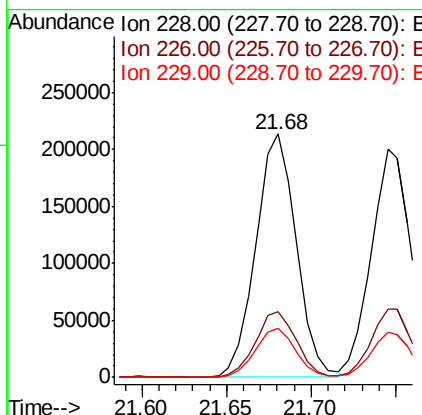
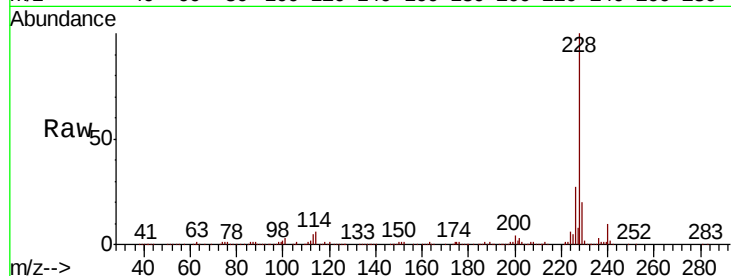
ClientSampled :

SP-1-4MSD

Tot Ion:	228	Resp:	355424
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.4	33.6
229	20.3	16.2	24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 18.823 ng

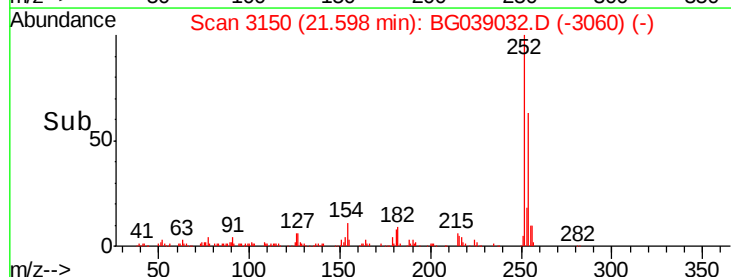
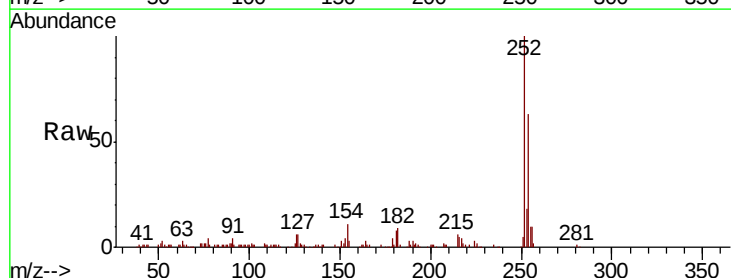
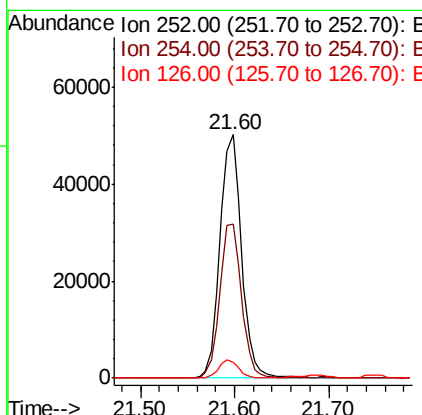
RT: 21.60 min Scan# 3150

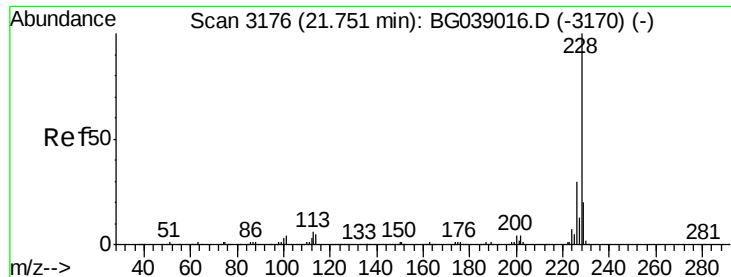
Delta R.T. 0.00 min

Lab File: BG039032.D

Acq: 9 Jan 2019 22:26

Tgt Ion:	252	Resp:	81157
Ion Ratio	Lower	Upper	
252	100		
254	63.3	53.0	79.6
126	6.4	6.0	9.0





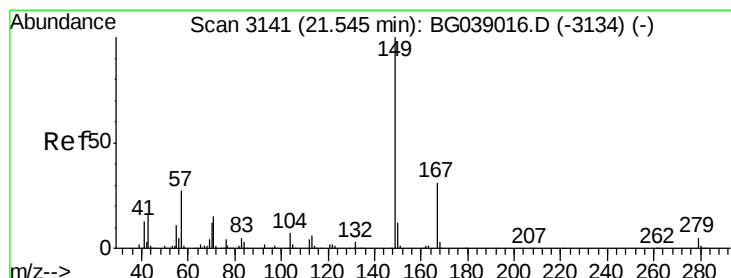
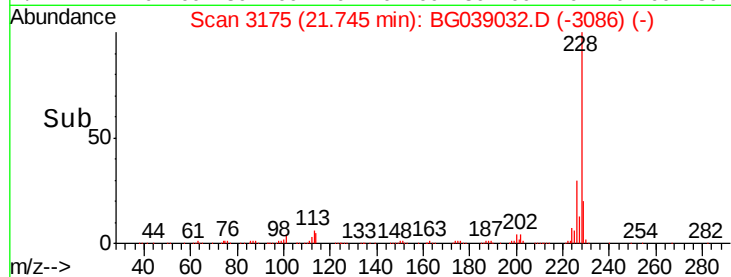
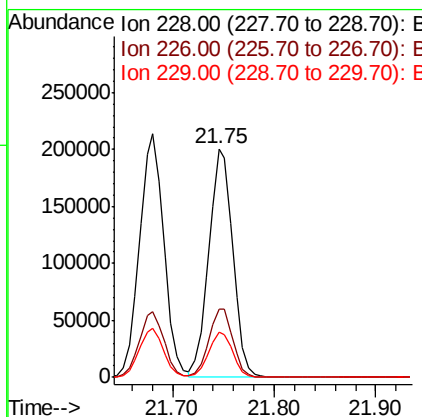
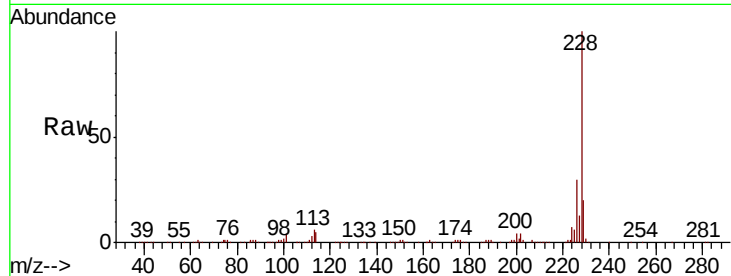
#83
 Chrysene
 Concen: 32.649 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. -0.01 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Instrument :
 BNA_G
 ClientSampled :
 SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.7	16.0	24.0

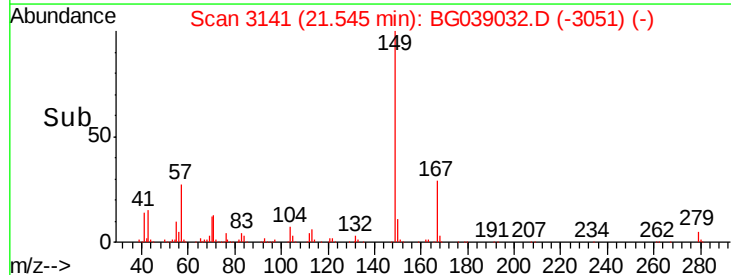
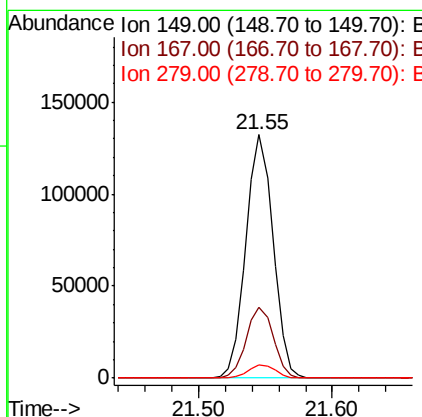
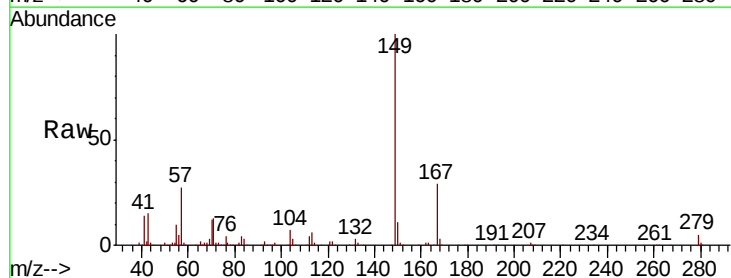
Manual Integrations
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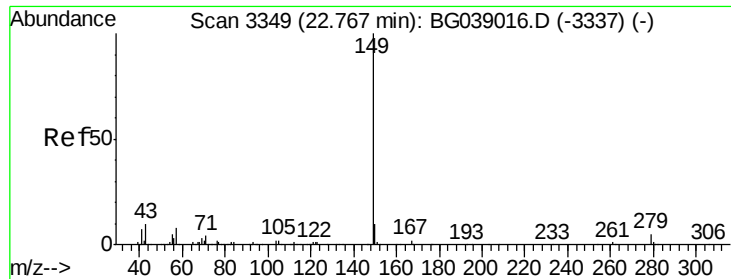
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 31.741 ng
 RT: 21.55 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG039032.D
 Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	25.0	37.4
279	5.3	4.3	6.5





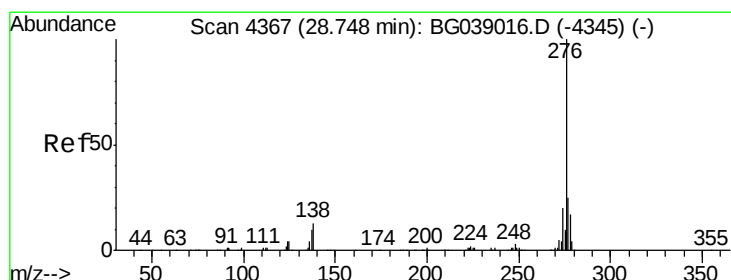
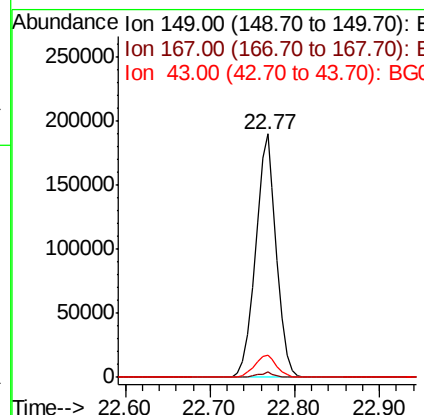
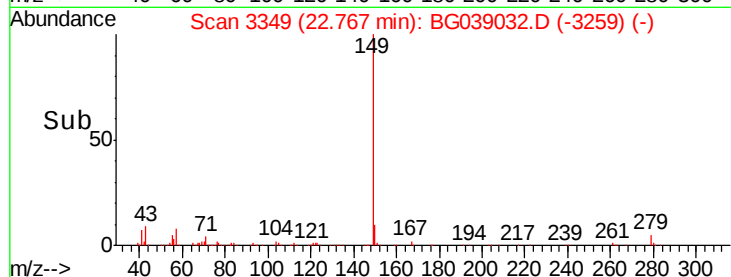
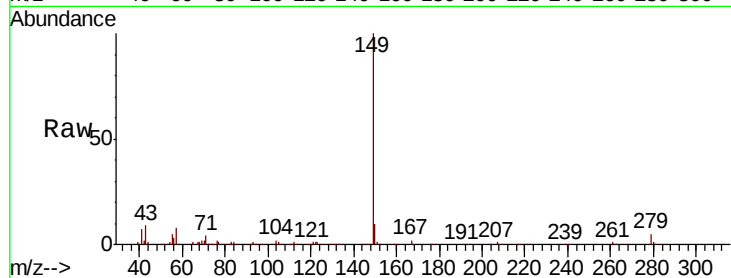
#85
Di-n-octyl phthalate
Concen: 32.510 ng
RT: 22.77 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampled :
SP-1-4MSD

Tot Ion:	149	Resp:	321602
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.5	7.5	11.3

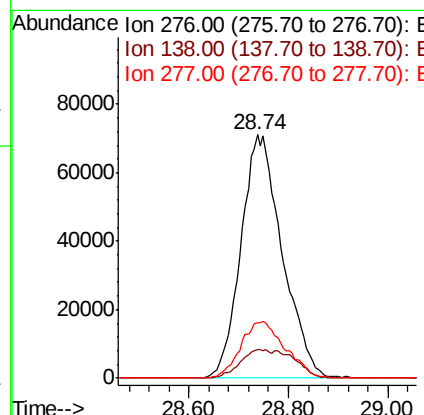
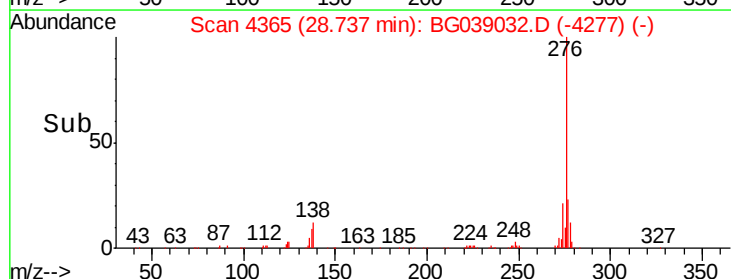
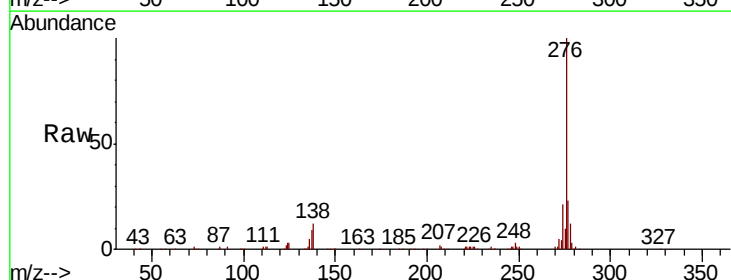
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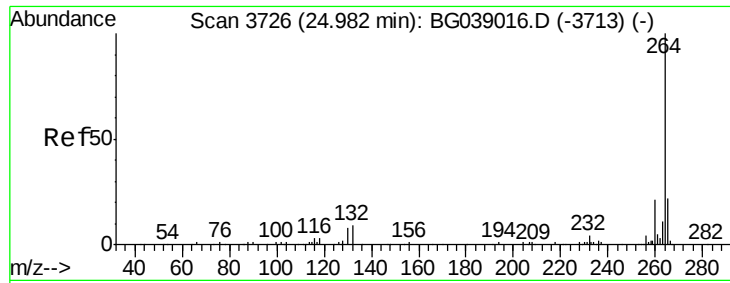
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.966 ng
RT: 28.74 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion:	276	Resp:	408467
Ion Ratio	Lower	Upper	
276	100		
138	8.7	8.0	12.0
277	25.0	20.3	30.5





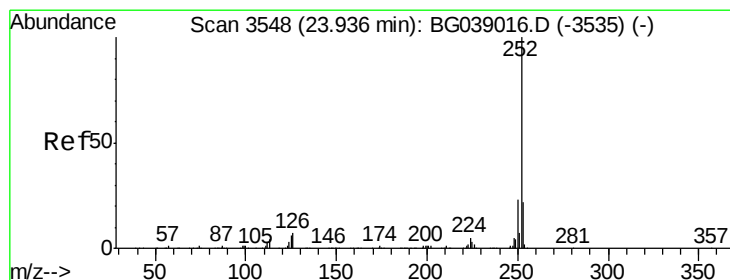
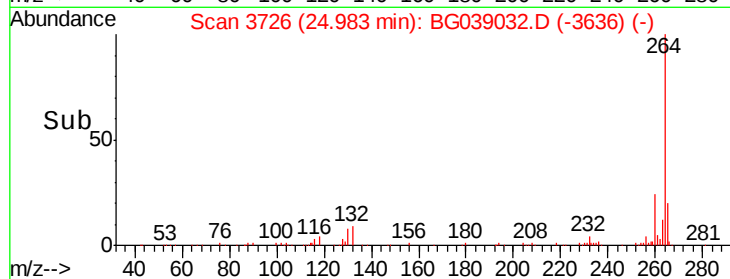
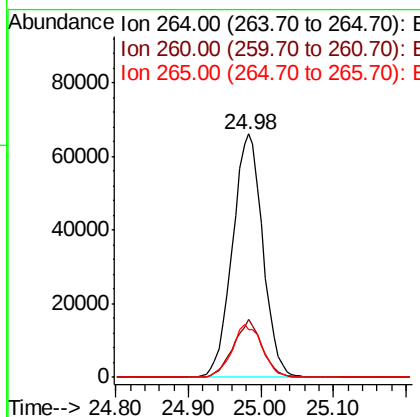
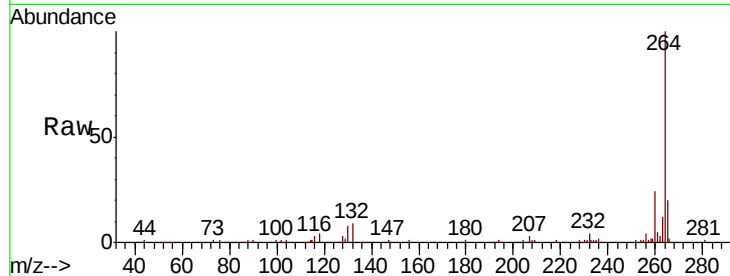
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.0	25.6
265	19.8	17.2	25.8

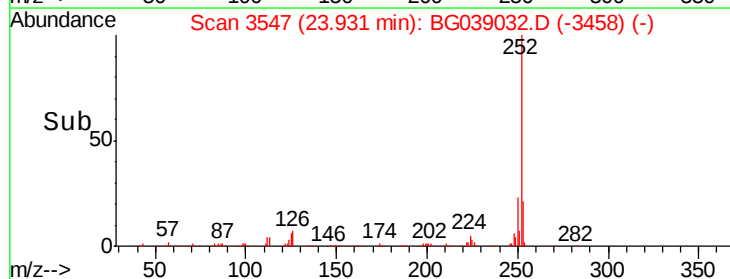
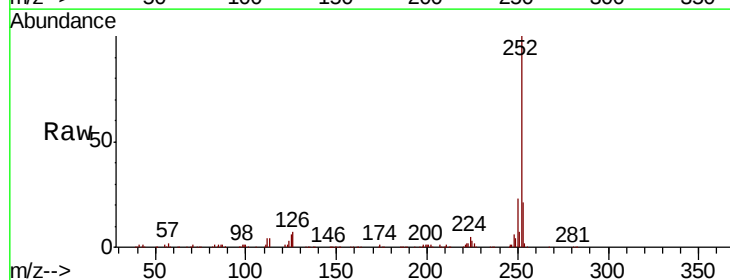
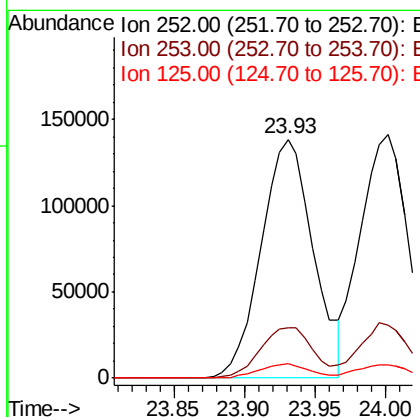
Manual Integrations
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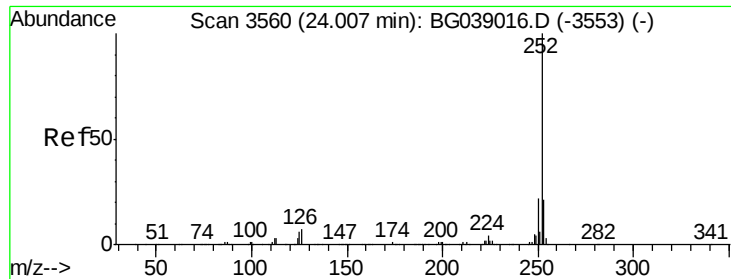
Sohil
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#88
Benzo(b)fluoranthene
Concen: 33.835 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.8	26.6
125	6.1	4.9	7.3





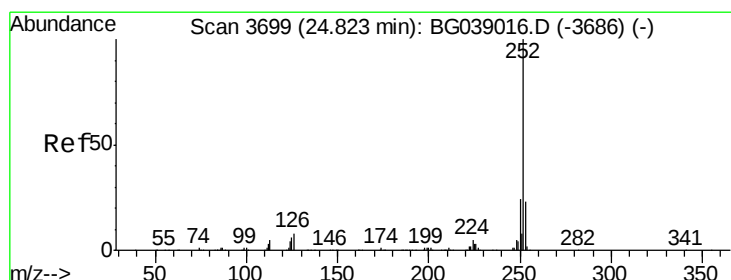
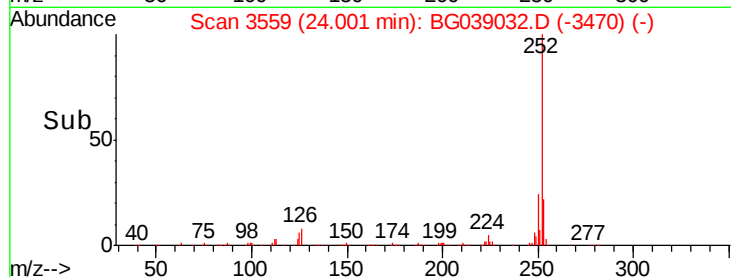
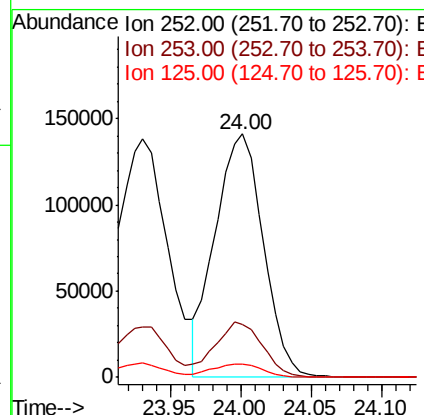
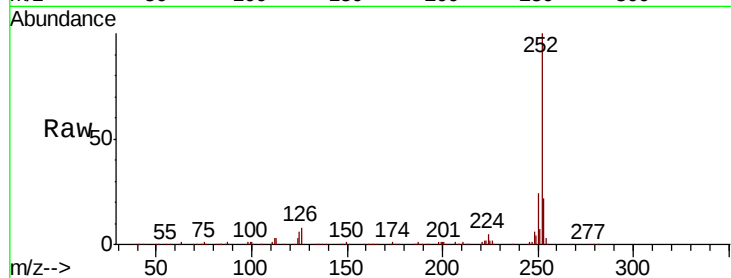
#89
Benzo(k)fluoranthene
Concen: 31.923 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	5.6	4.6	7.0

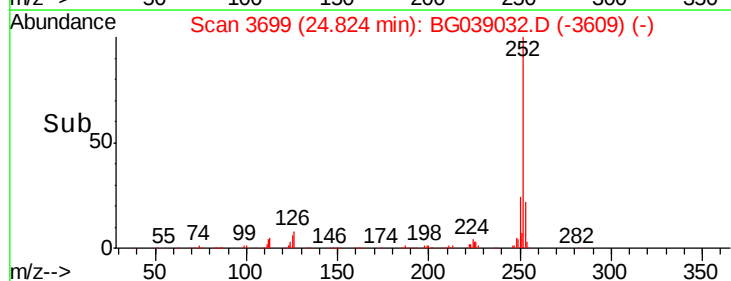
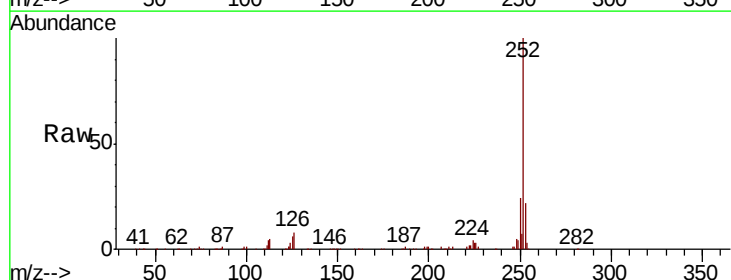
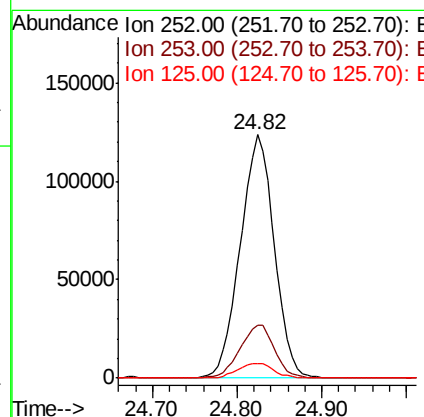
Manual Integrations
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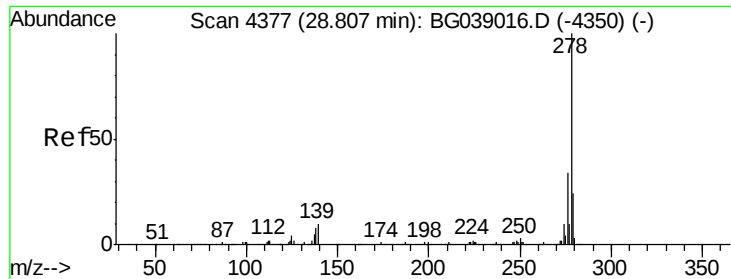
Sohil
1/10/2019 3:15:26 PM



#90
Benzo(a)pyrene
Concen: 33.755 ng
RT: 24.82 min Scan# 3699
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.3	27.5
125	6.2	4.9	7.3





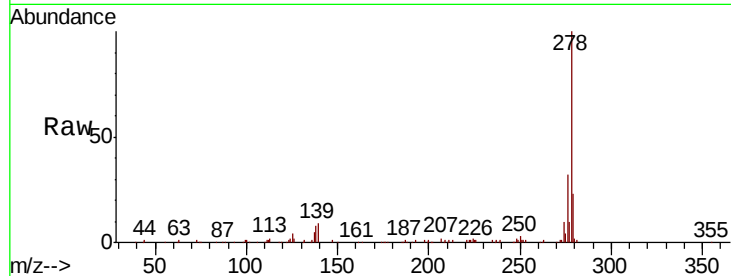
#91
Dibenzo(a,h)anthracene
Concen: 32.987 ng
RT: 28.81 min Scan# 4377
Delta R.T. 0.00 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Instrument :
BNA_G
ClientSampleId :
SP-1-4MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	7.9	11.9
279	23.1	19.3	28.9

Manual Integrations
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1/10/2019 3:15:26 PM

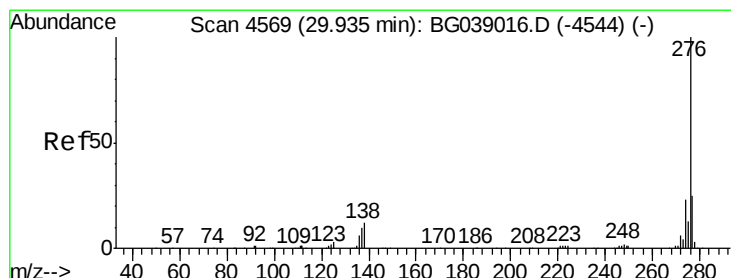
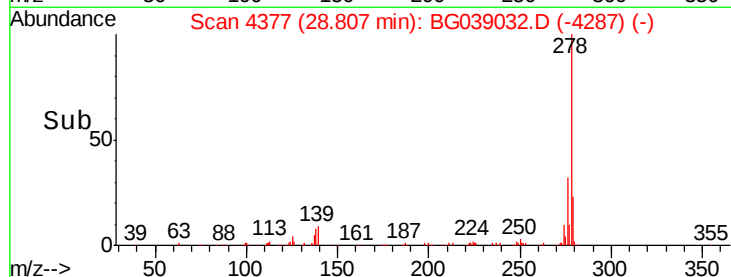
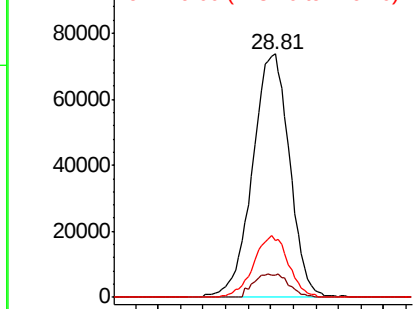


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 33.342 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.01 min
Lab File: BG039032.D
Acq: 9 Jan 2019 22:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.3	30.5
138	13.1	9.4	14.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

