

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
 Data File : BG039376.D
 Acq On : 6 Feb 2019 18:35
 Operator : JU/SJ
 Sample : PB116873BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116873BS

Manual Integrations
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mohammad
 2/7/2019 8:40:57 AM

Quant Time: Feb 07 01:27:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	50844	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	221124	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	145344	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	354794	20.00	ng	0.00
76) Chrysene-d12	21.84	240	377551	20.00	ng	0.00
87) Perylene-d12	25.22	264	393949	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	487594	164.13	ng	0.00
7) Phenol-d6	7.32	99	678053	155.06	ng	0.00
23) Nitrobenzene-d5	9.36	82	326802	92.33	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	250582	160.11	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	793343	78.30	ng	0.00
79) Terphenyl-d14	20.14	244	1409813	79.04	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.61	88	49655	38.212	ng	97
3) Pyridine	4.01	79	135441	39.367	ng	96
4) n-Nitrosodimethylamine	3.92	42	72559	42.170	ng	92
6) Aniline	7.50	93	166631	30.422	ng	97
8) 2-Chlorophenol	7.74	128	152490	46.960	ng	98
9) Benzaldehyde	7.31	77	80478	35.744	ng	97
10) Phenol	7.34	94	209569	45.975	ng	99
11) bis(2-Chloroethyl)ether	7.60	93	146144	40.574	ng	96
12) 1,3-Dichlorobenzene	8.07	146	158225	40.222	ng	95
13) 1,4-Dichlorobenzene	8.21	146	160303	40.884	ng	98
14) 1,2-Dichlorobenzene	8.54	146	152833	40.264	ng	97
15) Benzyl Alcohol	8.41	79	144161	41.992	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	290316	35.692	ng	99
17) 2-Methylphenol	8.61	107	133521	45.264	ng	97
18) Hexachloroethane	9.26	117	55348	41.030	ng	95
19) n-Nitroso-di-n-propylamine	8.98	70	117026	37.706	ng	96
20) 3+4-Methylphenols	8.93	107	185395	45.641	ng	97
22) Acetophenone	9.01	105	222374	37.438	ng	# 96
24) Nitrobenzene	9.40	77	173842	45.462	ng	96
25) Isophorone	9.92	82	328293	41.854	ng	99
26) 2-Nitrophenol	10.10	139	77085	50.606	ng	93
27) 2,4-Dimethylphenol	10.15	122	156267	49.249	ng	95
28) bis(2-Chloroethoxy)methane	10.39	93	205517	42.539	ng	99
29) 2,4-Dichlorophenol	10.64	162	163090	47.029	ng	94
30) 1,2,4-Trichlorobenzene	10.86	180	164451	42.239	ng	97
31) Naphthalene	11.05	128	473393	43.154	ng	99
32) Benzoic acid	10.26	122	92696	45.250	ng	99
33) 4-Chloroaniline	11.16	127	96066	18.887	ng	98
34) Hexachlorobutadiene	11.31	225	104720	40.445	ng	96
35) Caprolactam	11.94	113	53137m	37.029	ng	
36) 4-Chloro-3-methylphenol	12.25	107	168611	42.042	ng	99
37) 2-Methylnaphthalene	12.64	142	350030	43.081	ng	98
38) 1-Methylnaphthalene	12.86	142	334362	42.692	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	193450	41.832	ng	99

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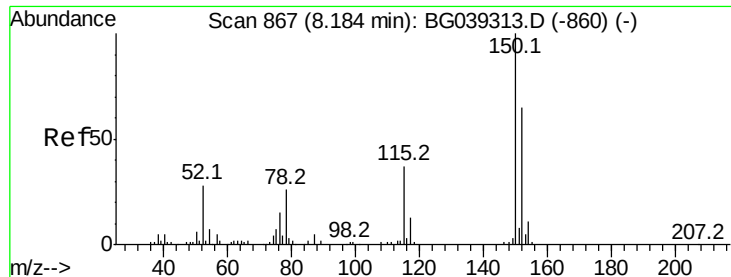
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	262612	104.214	ng	99
43) 2,4,6-Trichlorophenol	13.24	196	130383	45.856	ng	99
44) 2,4,5-Trichlorophenol	13.31	196	140211	47.050	ng	95
46) 1,1'-Biphenyl	13.64	154	473476	39.153	ng	99
47) 2-Chloronaphthalene	13.69	162	363525	39.960	ng	98
48) 2-Nitroaniline	13.89	65	115117	44.733	ng	98
49) Acenaphthylene	14.53	152	580053	42.256	ng	99
50) Dimethylphthalate	14.25	163	464324	39.555	ng	99
51) 2,6-Dinitrotoluene	14.37	165	101024	46.315	ng	98
52) Acenaphthene	14.87	154	357262	40.094	ng	98
53) 3-Nitroaniline	14.71	138	68917	31.392	ng #	95
54) 2,4-Dinitrophenol	14.91	184	86115	85.728	ng	93
55) Dibenzofuran	15.20	168	569458	39.860	ng	99
56) 4-Nitrophenol	14.99	139	189860	88.769	ng	92
57) 2,4-Dinitrotoluene	15.16	165	142734	50.336	ng	88
58) Fluorene	15.84	166	451433	42.388	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	137743	49.366	ng	97
60) Diethylphthalate	15.60	149	467697	38.535	ng	97
61) 4-Chlorophenyl-phenylether	15.83	204	237923	39.454	ng	99
62) 4-Nitroaniline	15.87	138	111936	45.695	ng	93
63) Azobenzene	16.13	77	433808	36.570	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	70971	49.950	ng	98
66) n-Nitrosodiphenylamine	16.05	169	409912	37.997	ng	98
67) 4-Bromophenyl-phenylether	16.73	248	156076	39.653	ng	93
68) Hexachlorobenzene	16.84	284	162330	41.106	ng	94
69) Atrazine	16.99	200	166900	42.335	ng	96
70) Pentachlorophenol	17.18	266	215747	78.606	ng	98
71) Phenanthrene	17.59	178	767649	41.804	ng	99
72) Anthracene	17.68	178	780567	43.155	ng	99
73) Carbazole	17.95	167	698405	38.690	ng	99
74) Di-n-butylphthalate	18.49	149	849551	40.341	ng	99
75) Fluoranthene	19.59	202	955441	44.827	ng	99
77) Benzidine	19.77	184	359369	29.032	ng	99
78) Pyrene	19.95	202	951979	40.504	ng	98
80) Butylbenzylphthalate	20.82	149	402629	40.609	ng	98
81) Benzo(a)anthracene	21.82	228	949863	42.577	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	197846	23.917	ng	100
83) Chrysene	21.89	228	882129	41.537	ng	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	563482	39.837	ng	99
85) Di-n-octyl phthalate	22.96	149	971613	41.578	ng	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1073087	47.095	ng	98
88) Benzo(b)fluoranthene	24.14	252	934489	43.496	ng	98
89) Benzo(k)fluoranthene	24.21	252	907448	42.070	ng	98
90) Benzo(a)pyrene	25.07	252	909516	43.957	ng	98
91) Dibenzo(a,h)anthracene	29.20	278	867054	44.747	ng	98
92) Benzo(g,h,i)perylene	30.35	276	884911	45.818	ng	98

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



#1

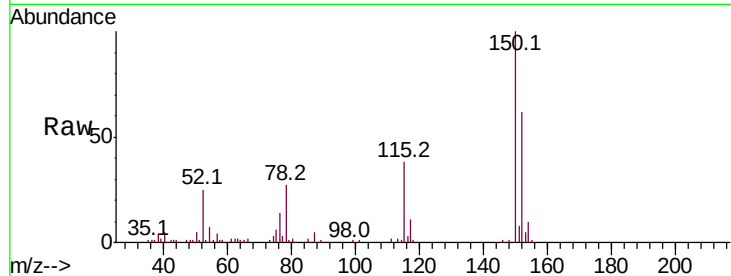
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.7	185.5
115	61.0	45.9	68.9

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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

60000

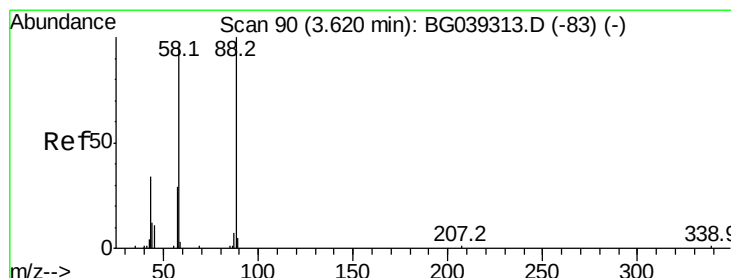
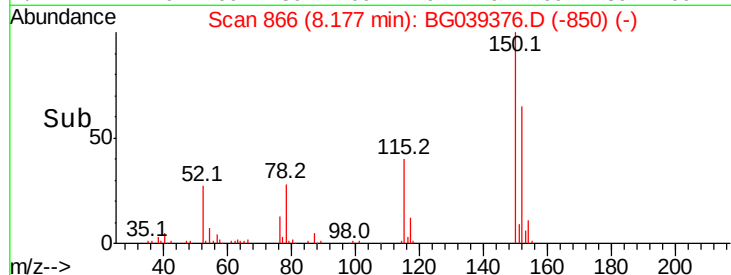
40000

20000

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8.10 8.15 8.20 8.25

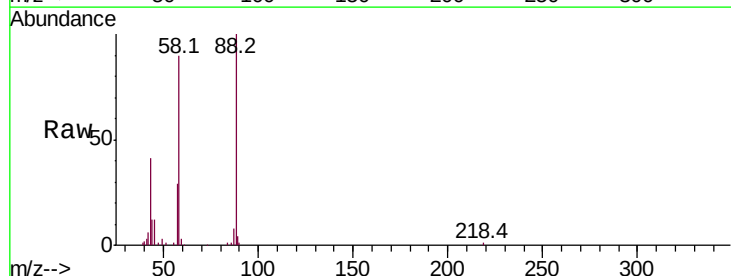
Time-->



#2

1,4-Dioxane
Concen: 38.212 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.9	81.1	121.7
43	37.4	31.4	47.0



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

40000

30000

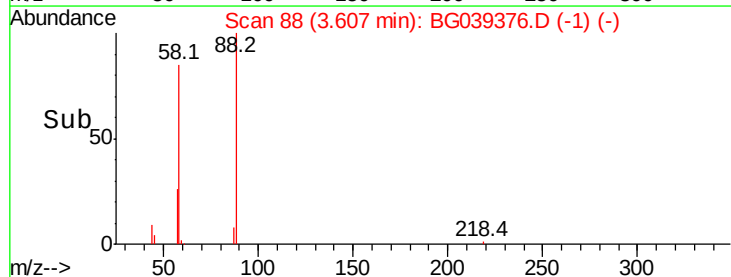
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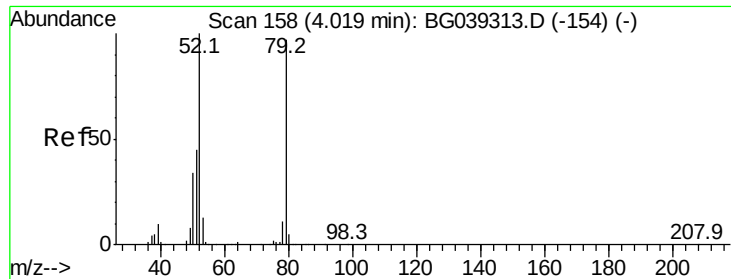
10000

0

3.50 3.60 3.70

Time-->





#3

Pvridine

Concen: 39.367 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

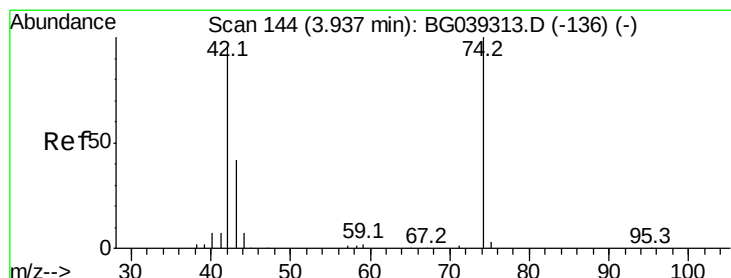
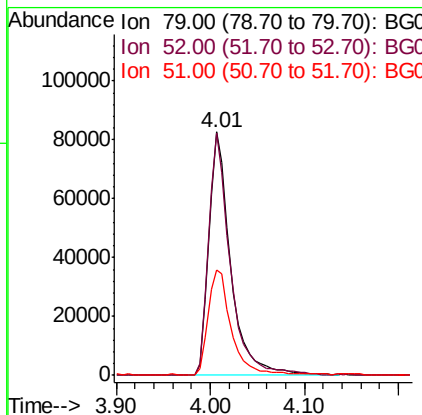
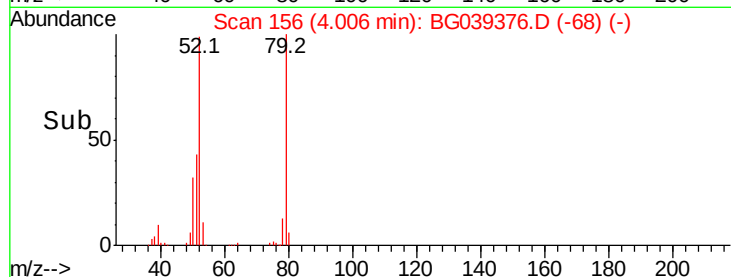
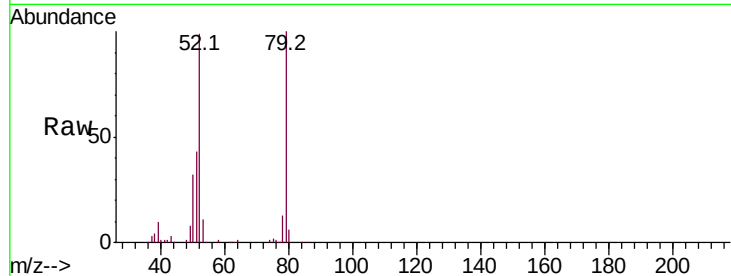
ClientSampleId :

PB116873BS

Tot Ion:	79	Resp:	135441
Ion Ratio	Lower	Upper	
79	100		
52	99.4	82.6	124.0
51	43.1	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 42.170 ng

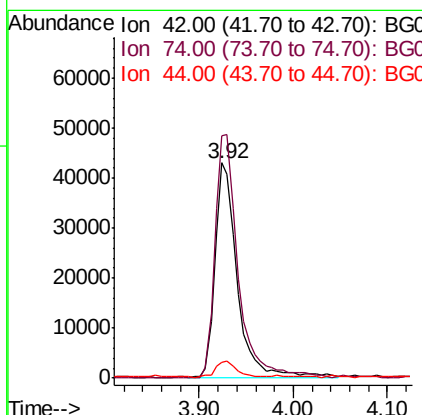
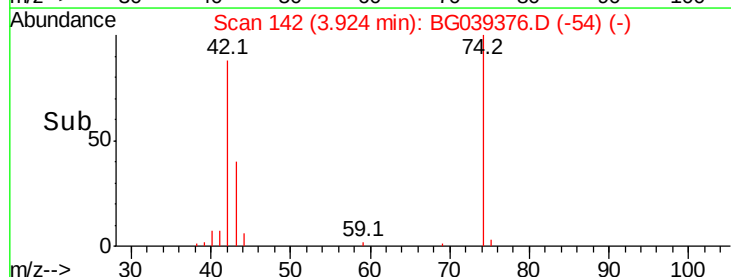
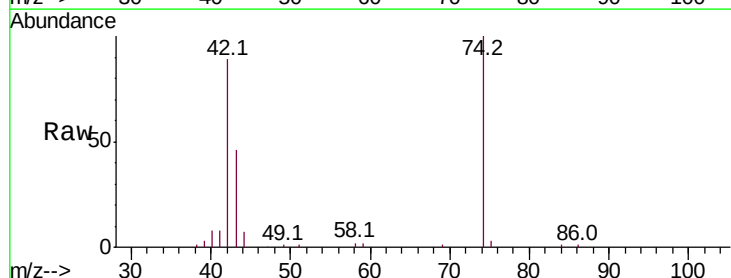
RT: 3.92 min Scan# 142

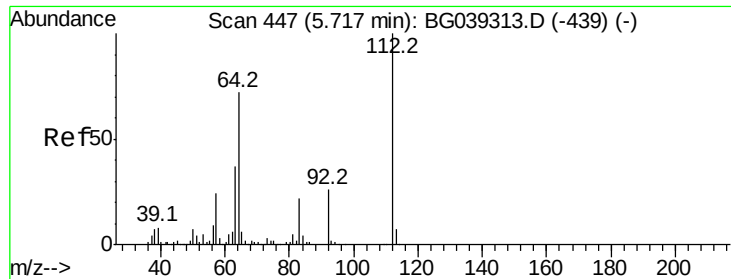
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion:	42	Resp:	72559
Ion Ratio	Lower	Upper	
42	100		
74	112.6	83.6	125.4
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 164.134 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

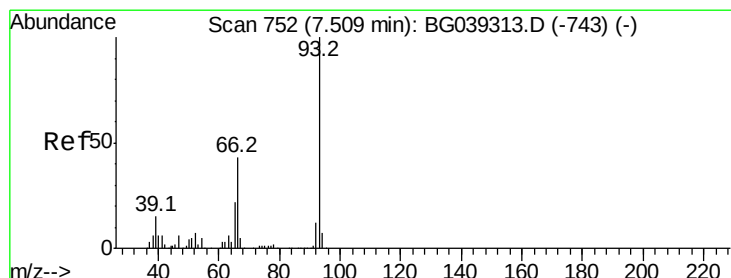
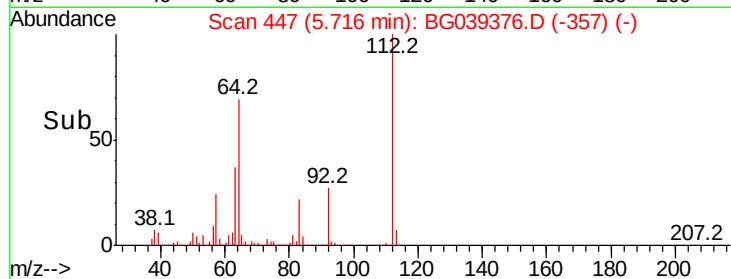
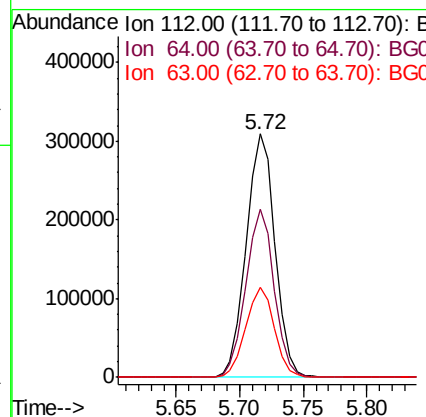
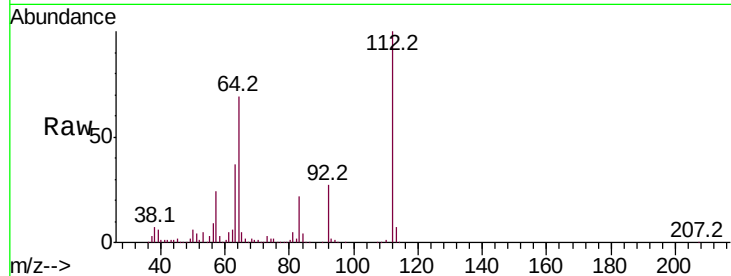
ClientSampleId :

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Tot Ion:	112	Resp:	487594
Ion Ratio	Lower	Upper	
112	100		
64	69.0	57.8	86.8
63	37.2	29.8	44.6

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#6

Aniline

Concen: 30.422 ng

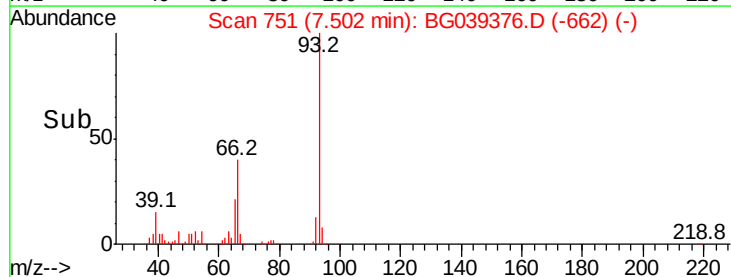
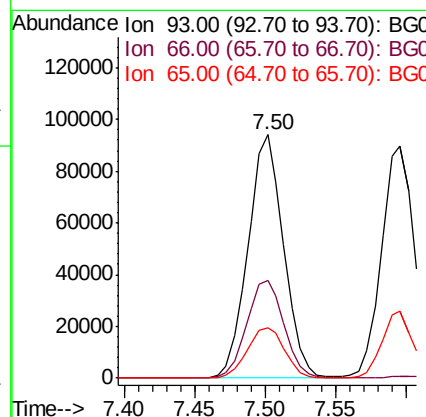
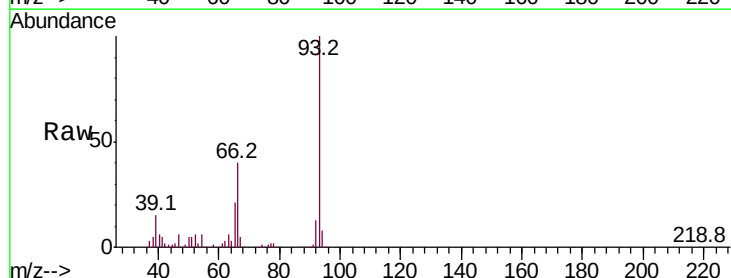
RT: 7.50 min Scan# 751

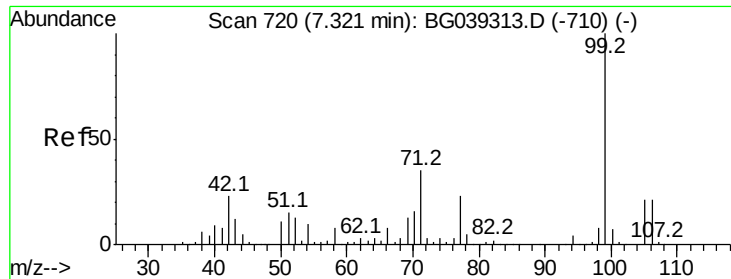
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion:	93	Resp:	166631
Ion Ratio	Lower	Upper	
93	100		
66	40.4	34.2	51.4
65	20.9	17.7	26.5





#7

Phenol-d6

Concen: 155.061 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

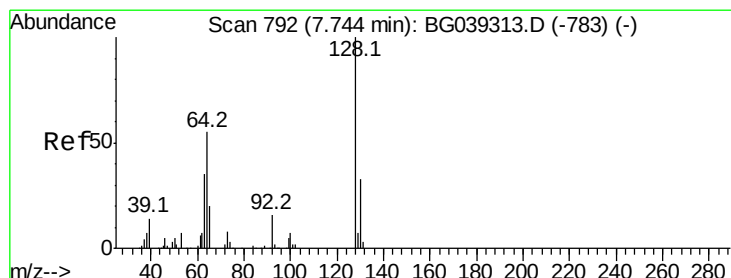
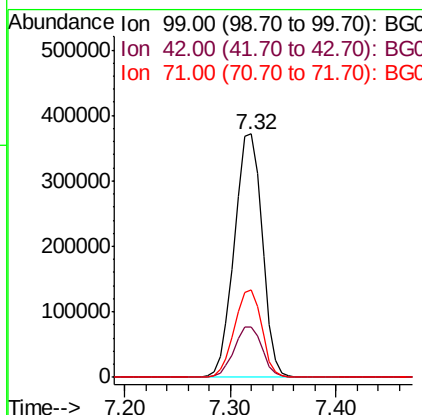
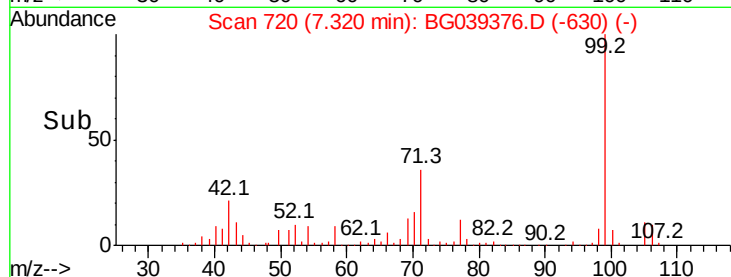
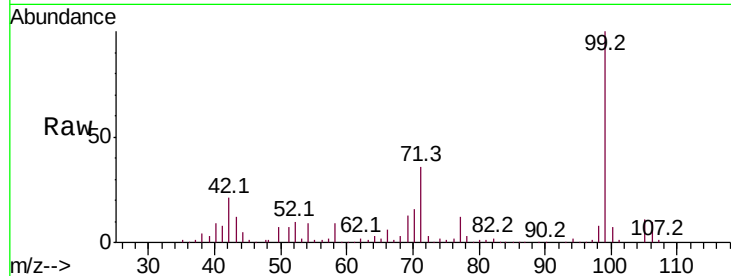
ClientSampleId :

PB116873BS

Tot Ion:	99	Resp:	678053
Ion Ratio	Lower	Upper	
99	100		
42	20.8	18.2	27.2
71	35.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 46.960 ng

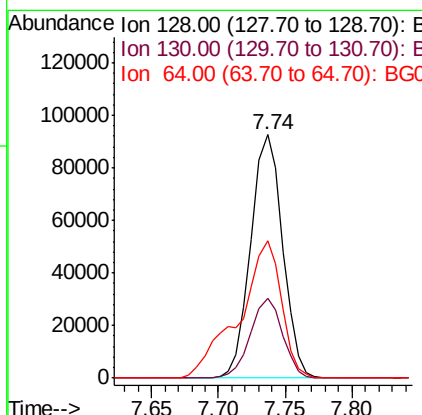
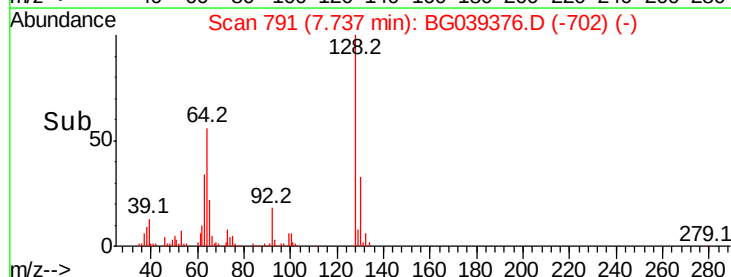
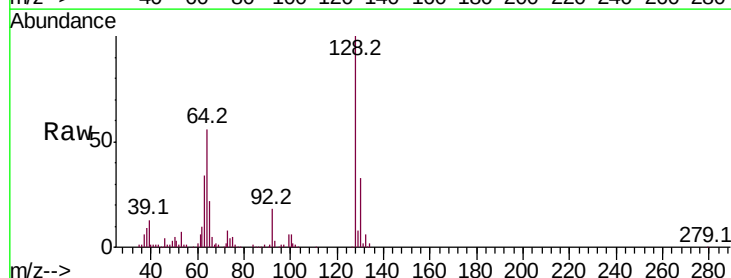
RT: 7.74 min Scan# 791

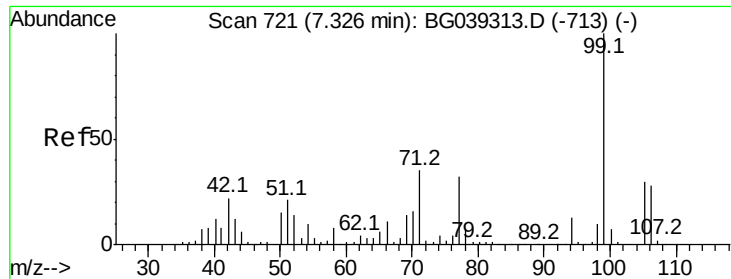
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion:	128	Resp:	152490
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	56.2	38.7	78.7





#9

Benzaldehyde

Concen: 35.744 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB116873BS

Tot Ion: 77 Resp: 80478

Ion Ratio Lower Upper

77 100

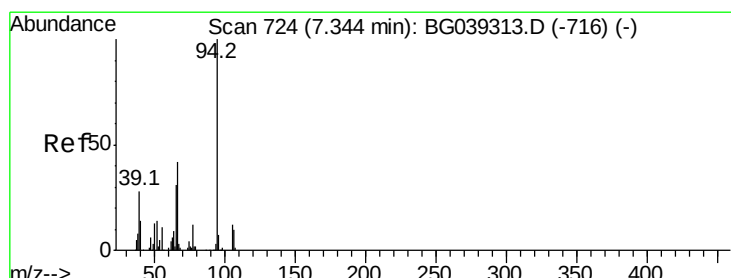
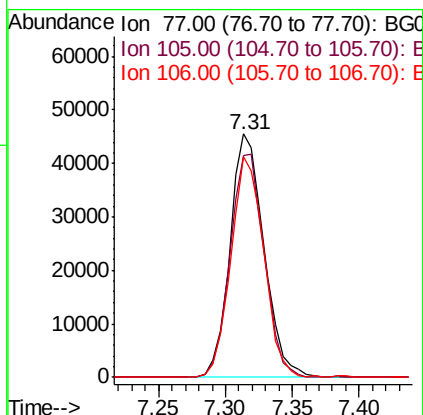
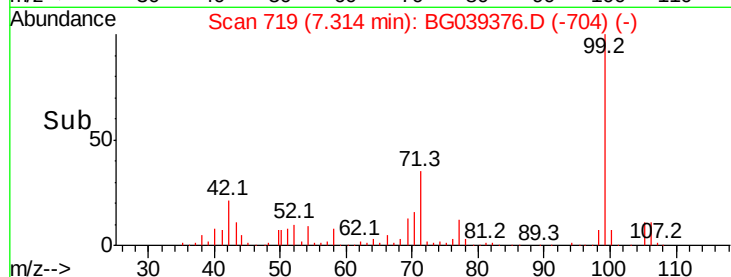
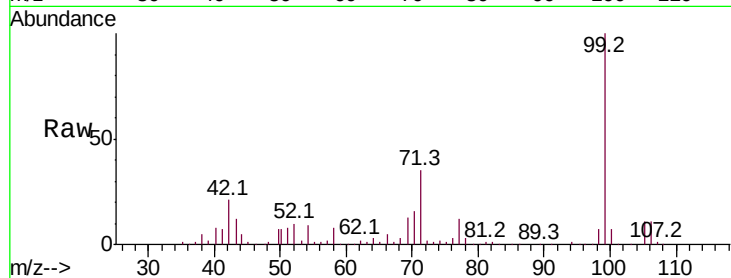
105 91.4 74.5 114.5

106 90.7 68.0 108.0

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#10

Phenol

Concen: 45.975 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

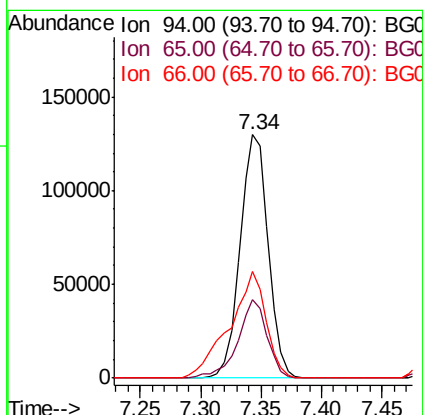
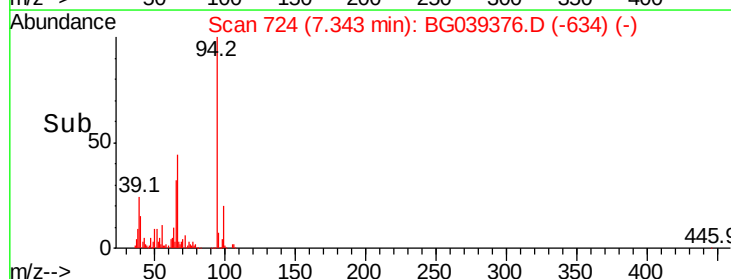
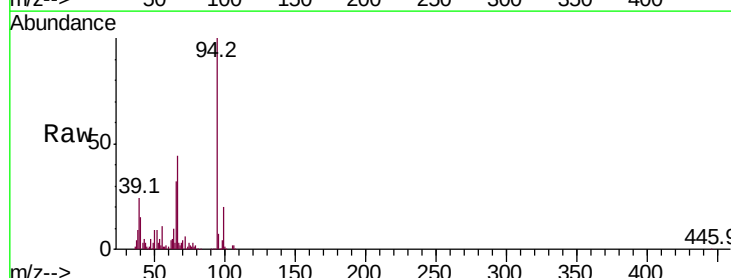
Tgt Ion: 94 Resp: 209569

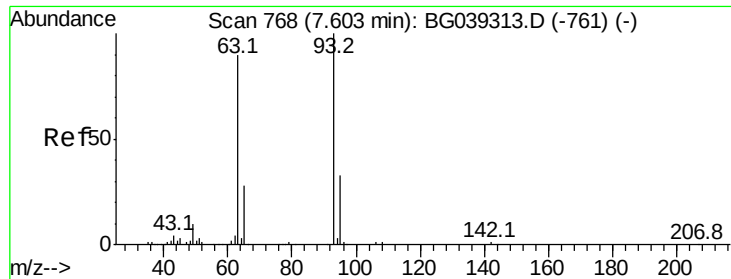
Ion Ratio Lower Upper

94 100

65 32.1 11.7 51.7

66 43.9 23.7 63.7





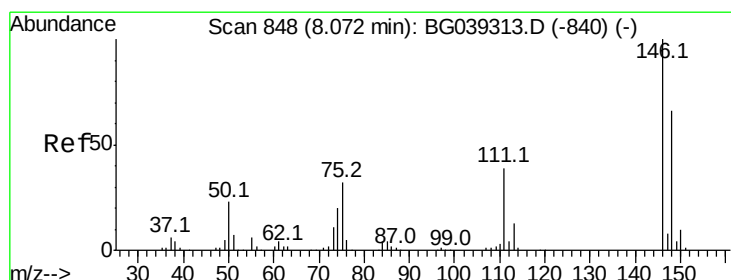
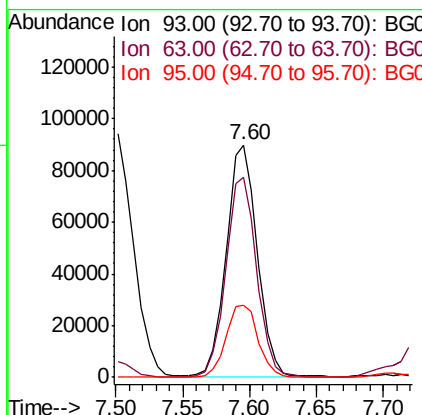
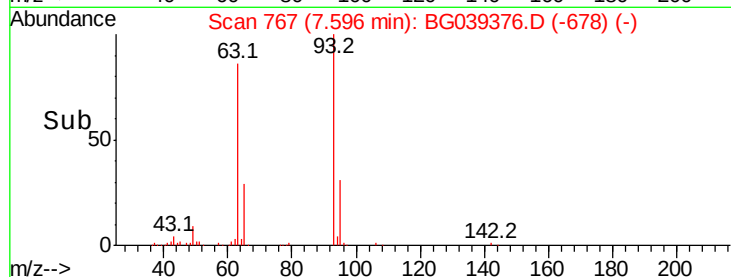
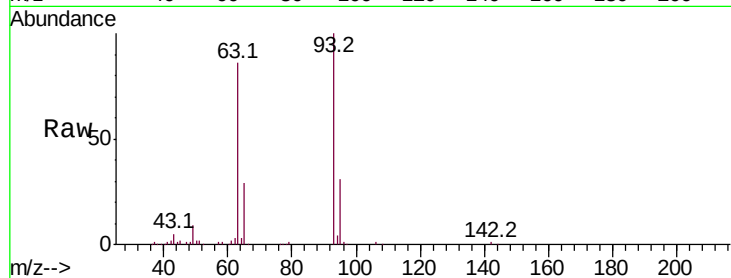
#11
bis(2-Chloroethyl)ether
Concen: 40.574 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	93	Resp	146144
Ion	Ratio	Lower	Upper
93	100		
63	85.8	69.5	109.5
95	30.9	12.7	52.7

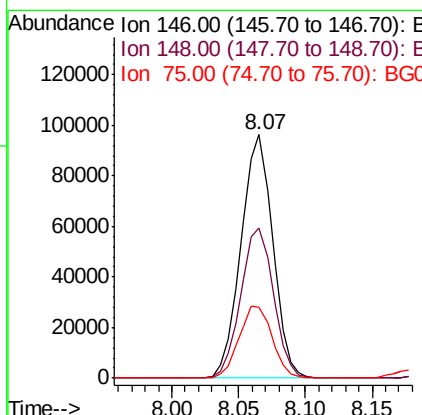
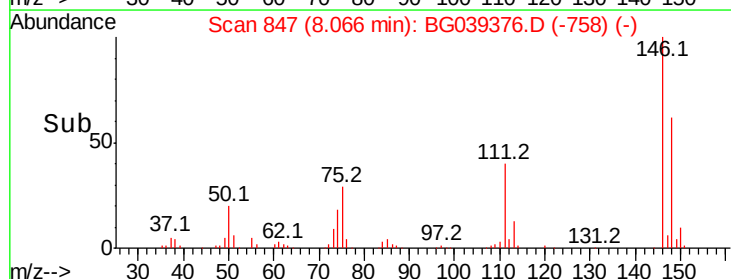
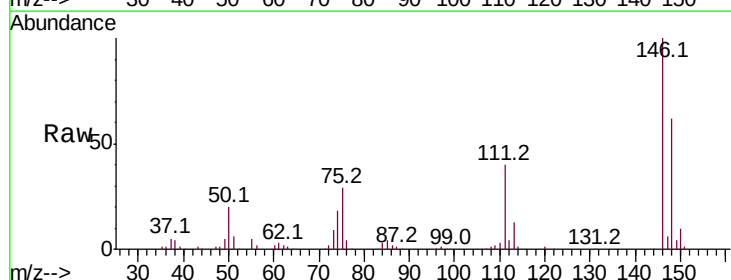
Manual Integrations
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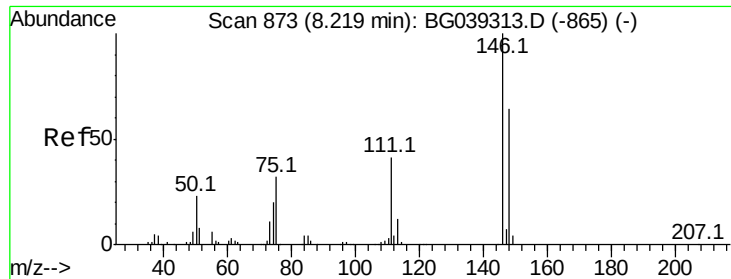
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.222 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	146	Resp	158225
Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.6	79.0
75	29.1	25.8	38.6





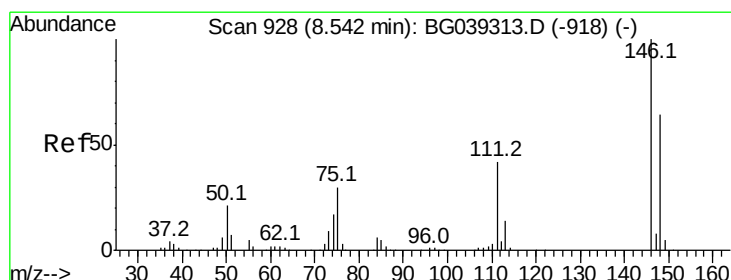
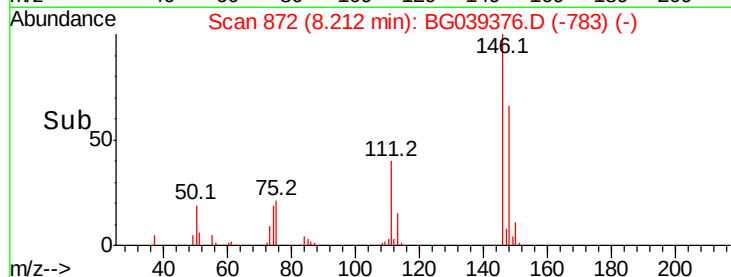
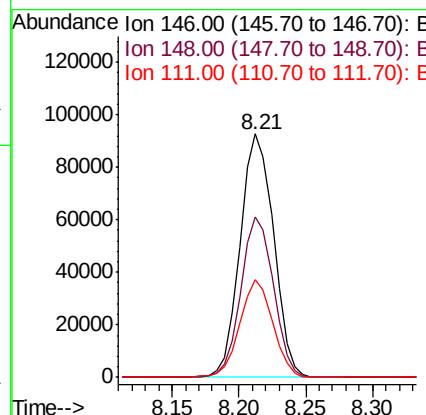
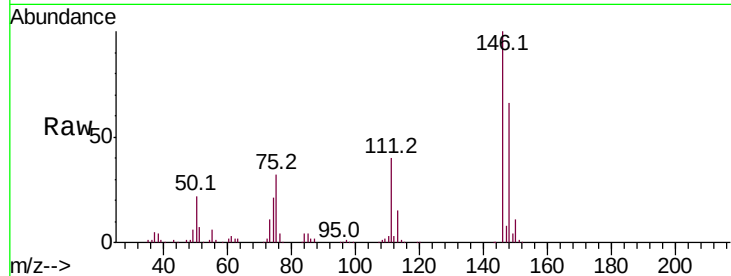
#13
1,4-Dichlorobenzene
Concen: 40.884 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.1	76.7
111	40.0	32.6	48.8

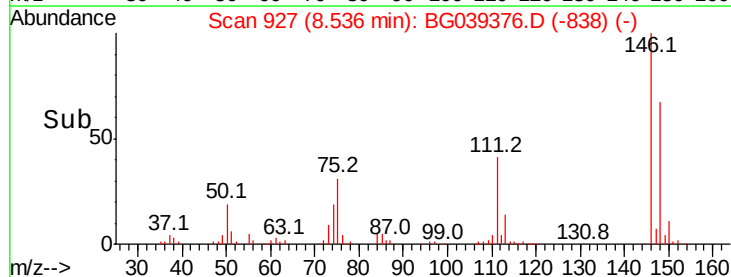
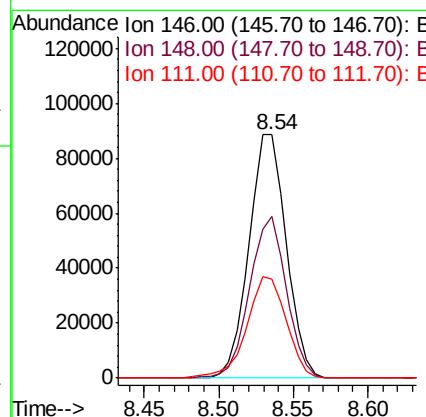
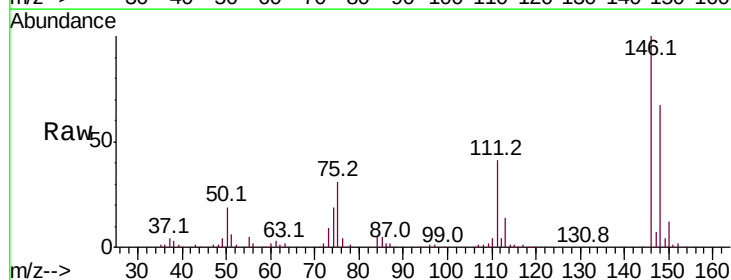
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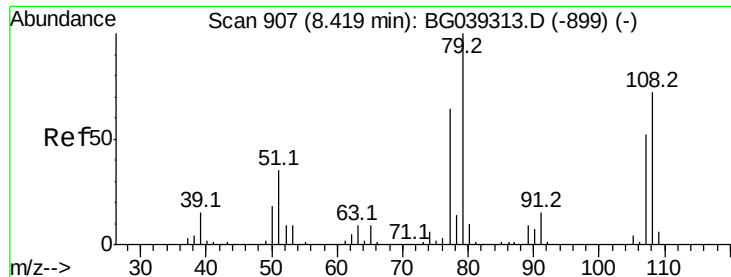
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.264 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.5	77.3
111	40.7	33.8	50.6





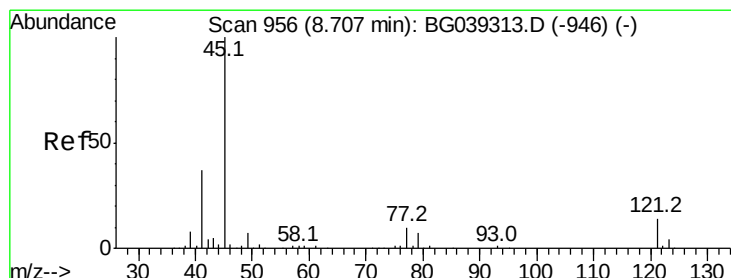
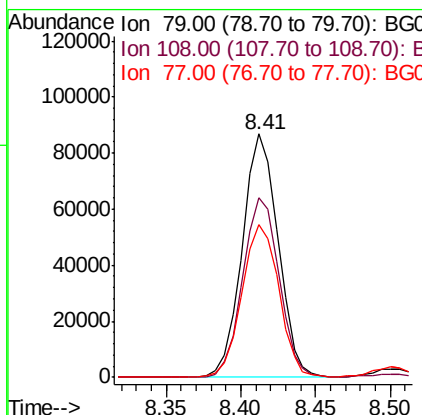
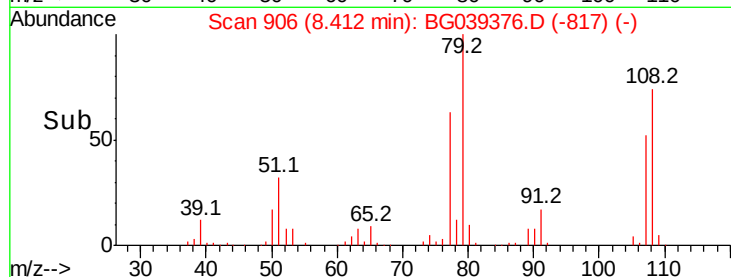
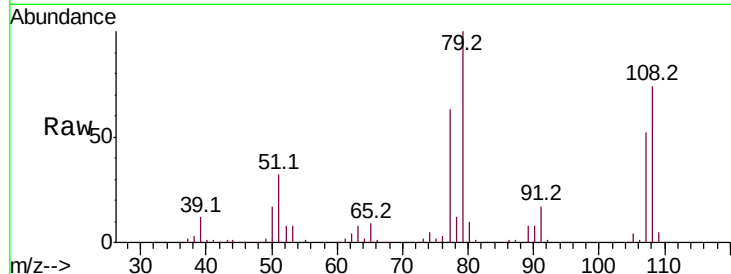
#15
Benzyl Alcohol
Concen: 41.992 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion:	79	Resp:	144161
Ion Ratio	Lower	Upper	
79	100		
108	73.9	57.8	86.6
77	62.9	51.1	76.7

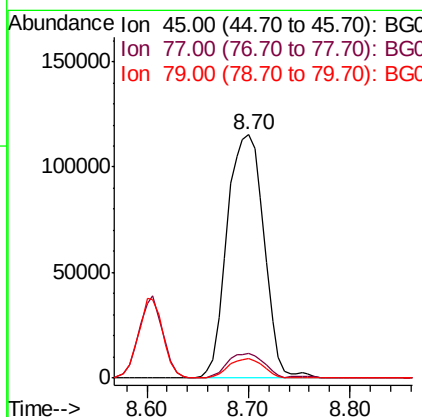
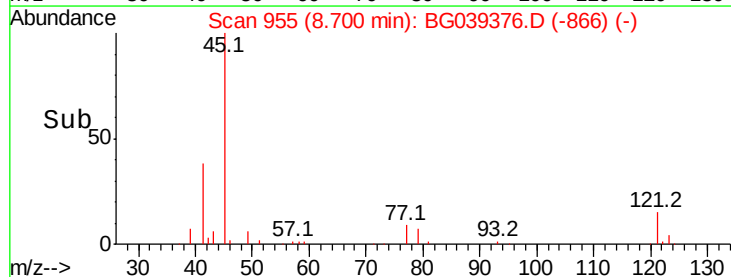
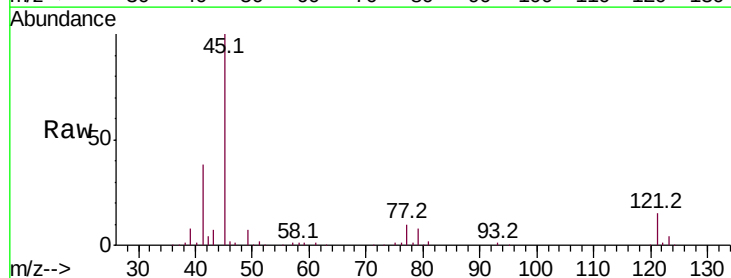
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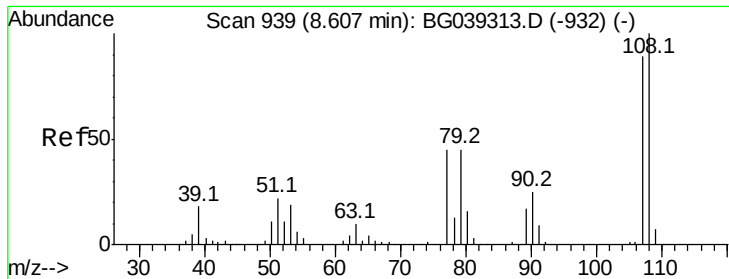
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.692 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion:	45	Resp:	290316
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.0
79	7.8	0.0	27.5





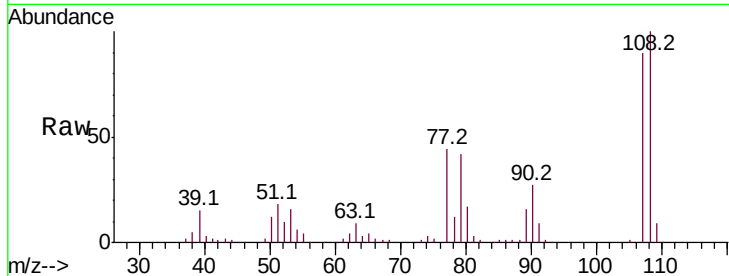
#17
2-Methylphenol
Concen: 45.264 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	90.8	136.2	
77	48.7	40.7	61.1	
79	47.1	40.6	60.8	

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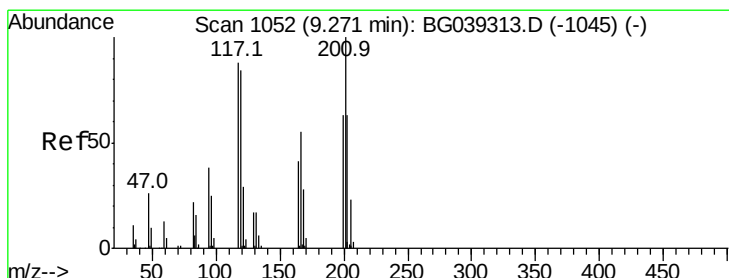
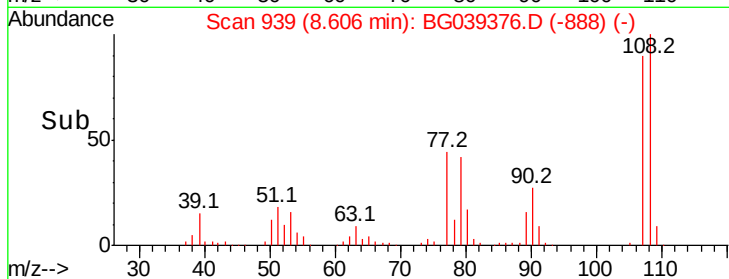
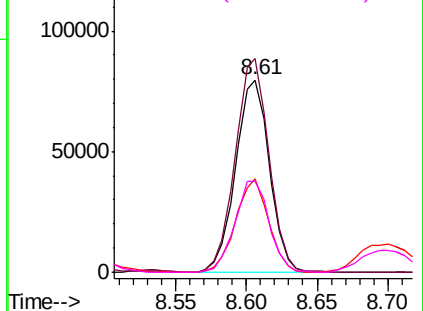
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

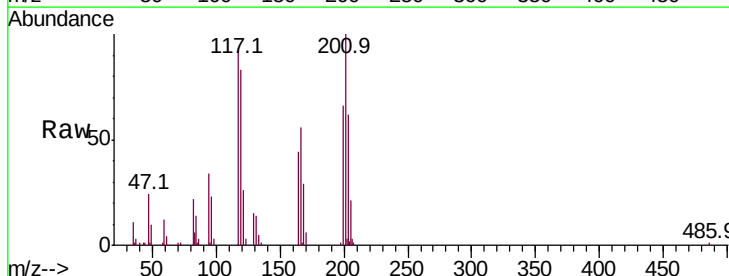
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.030 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.9	76.3	114.5	
201	109.0	91.1	136.7	

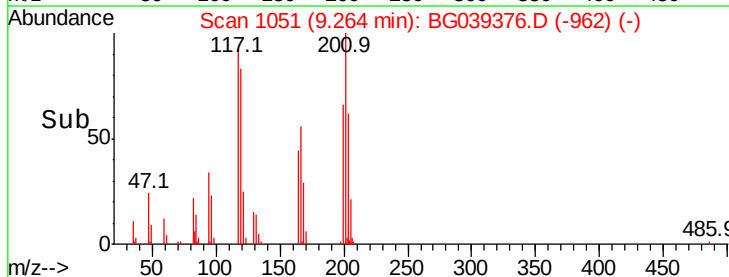
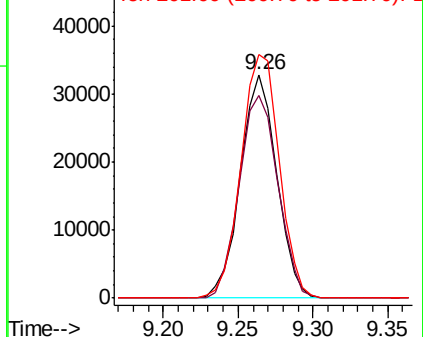


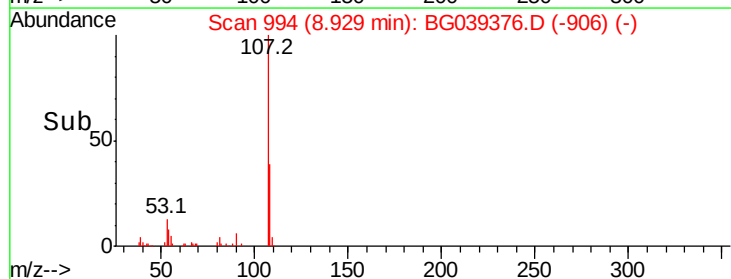
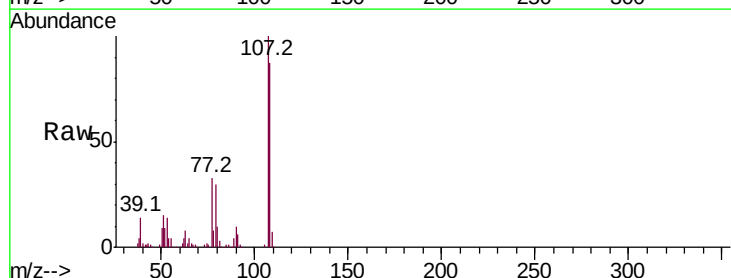
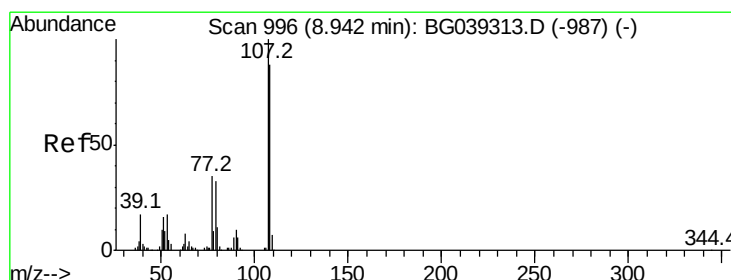
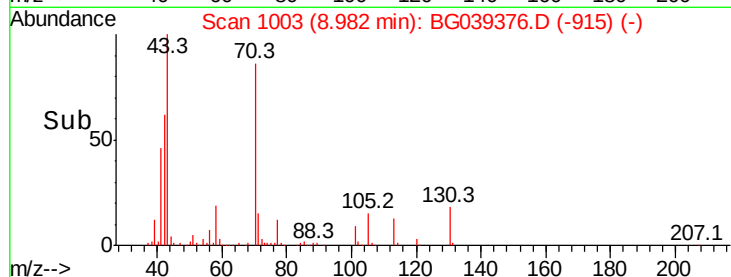
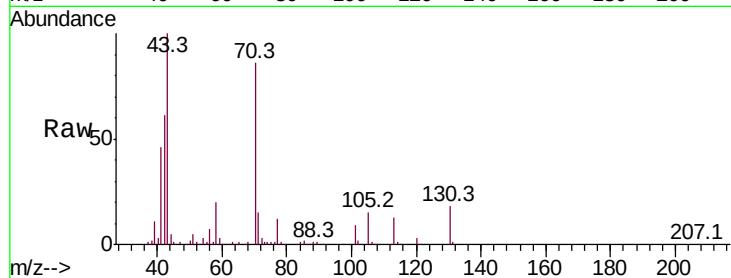
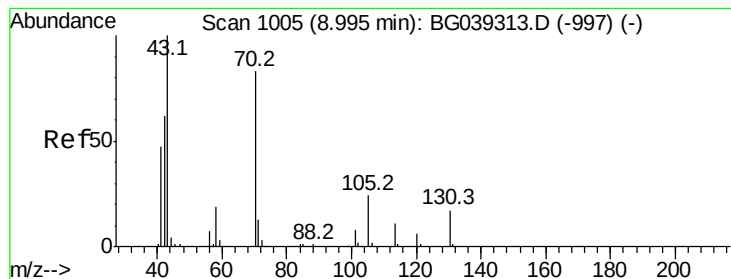
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.706 ng

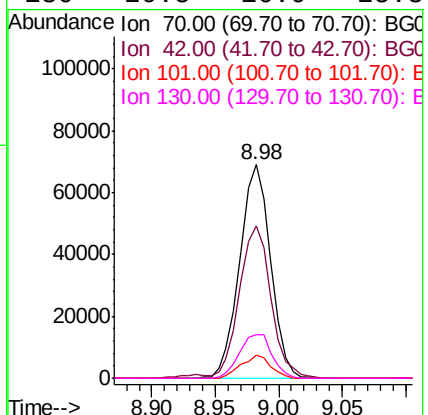
RT: 8.98 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	71.4	60.4	90.6		
101	11.0	7.5	11.3		
130	20.5	16.9	25.3		



Instrument :

BNA_G

ClientSampleId :

PB116873BS

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#20

3+4-Methylphenols

Concen: 45.641 ng

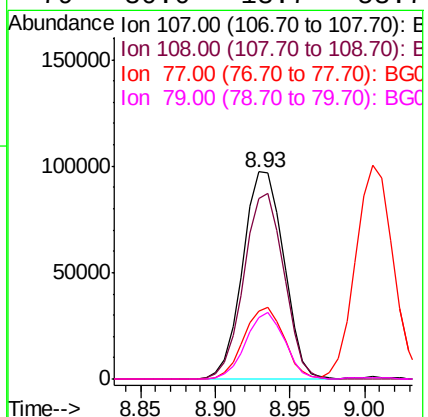
RT: 8.93 min Scan# 994

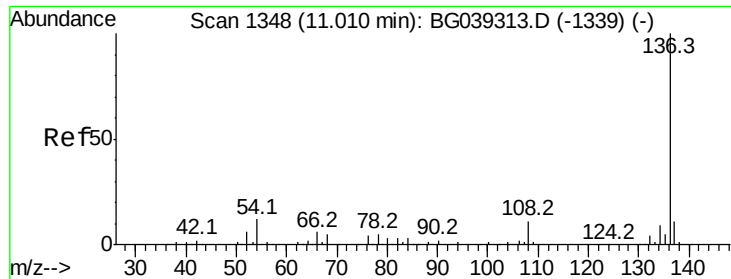
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.0	67.9	107.9		
77	32.8	15.4	55.4		
79	30.0	13.7	53.7		





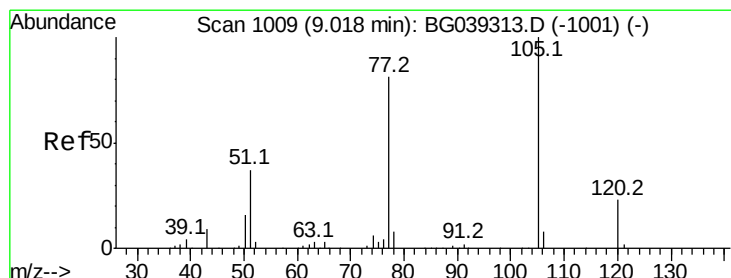
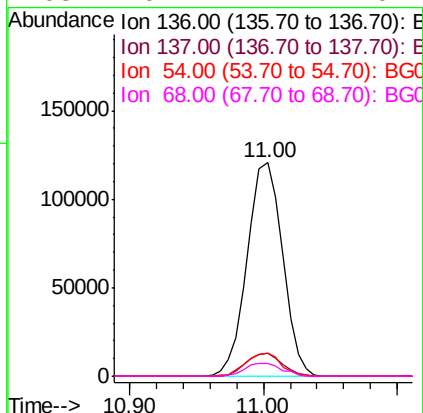
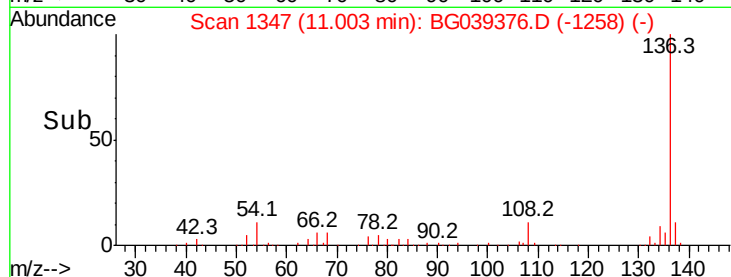
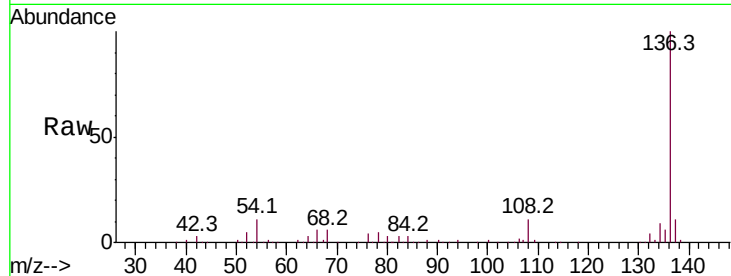
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	10.8	9.4	14.2	
68	6.1	4.2	6.4	

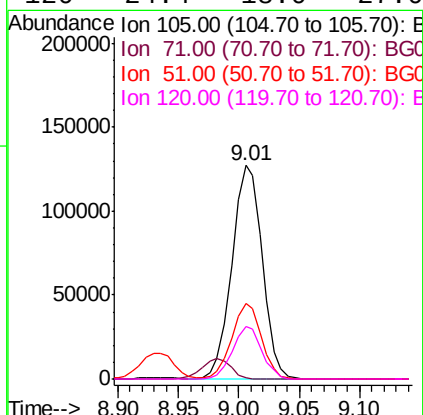
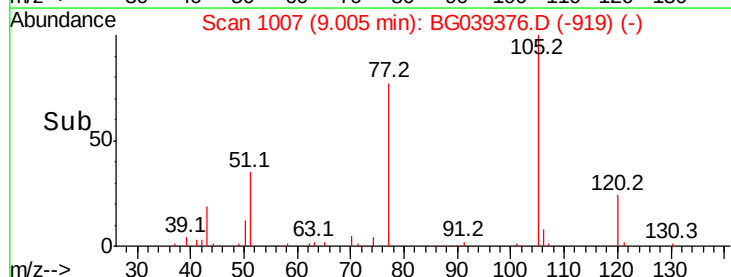
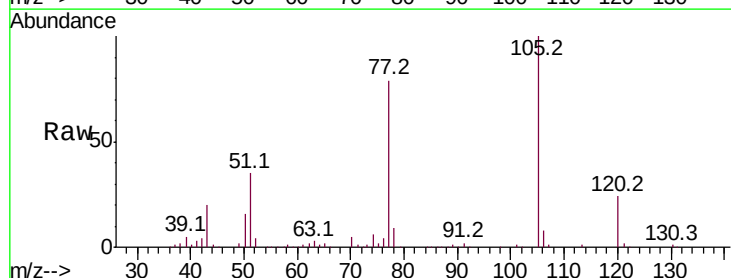
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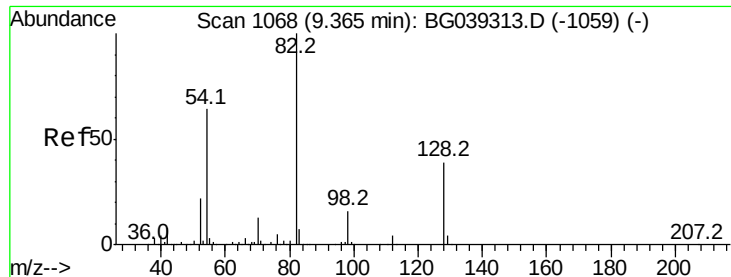
mohammad
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#22
Acetophenone
Concen: 37.438 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	0.8	1.2#	
51	35.4	30.2	45.2	
120	24.4	18.0	27.0	





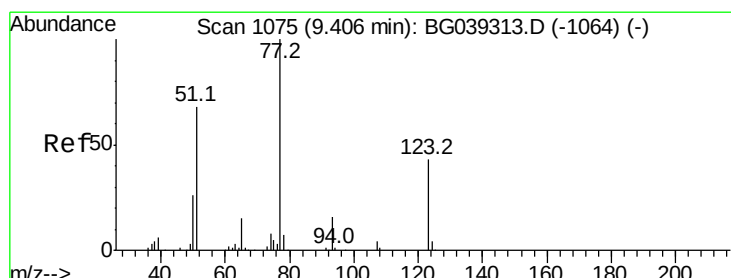
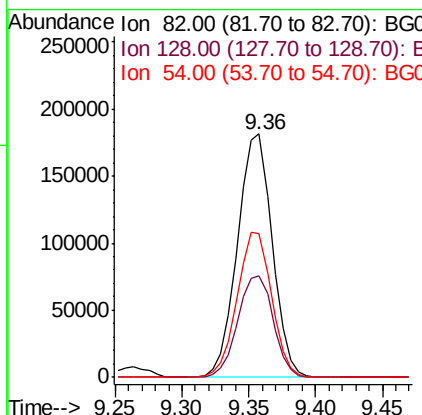
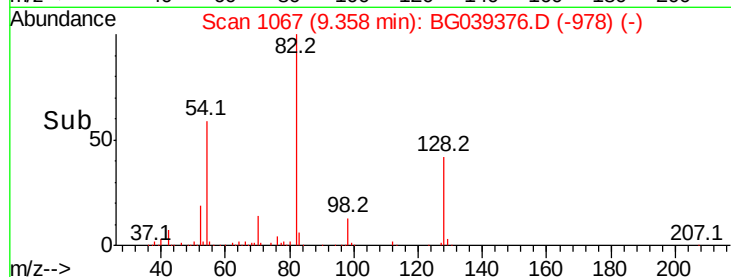
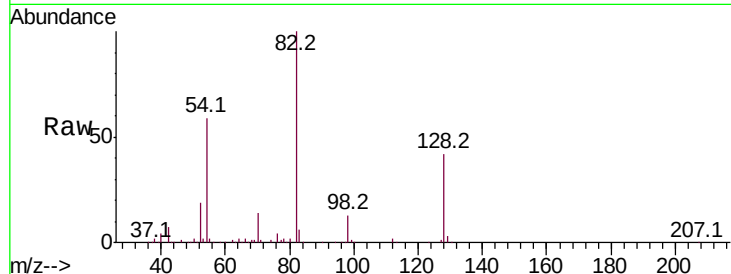
#23
Nitrobenzene-d5
Concen: 92.328 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.9	31.3	46.9	
54	59.1	50.9	76.3	

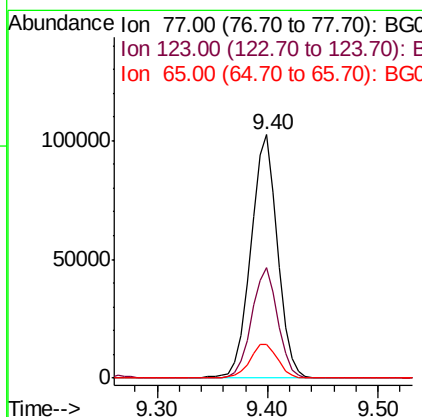
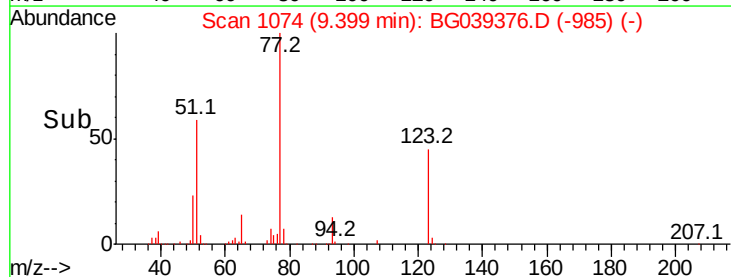
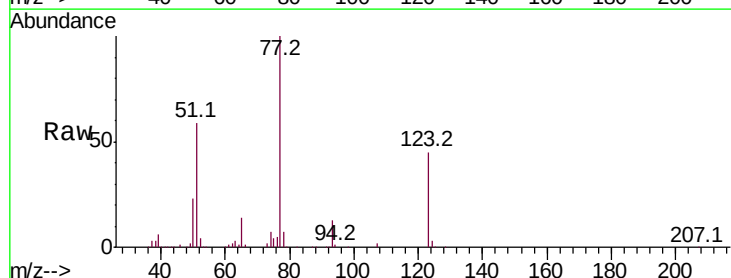
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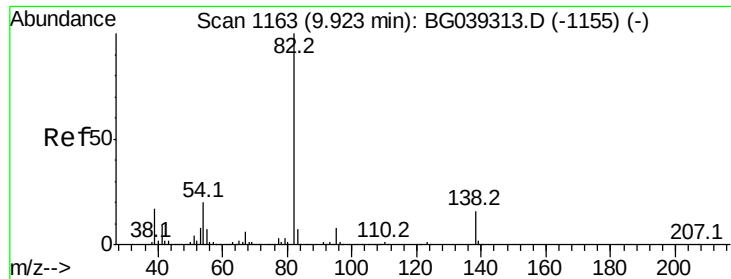
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#24
Nitrobenzene
Concen: 45.462 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.2	34.1	51.1	
65	13.8	12.3	18.5	





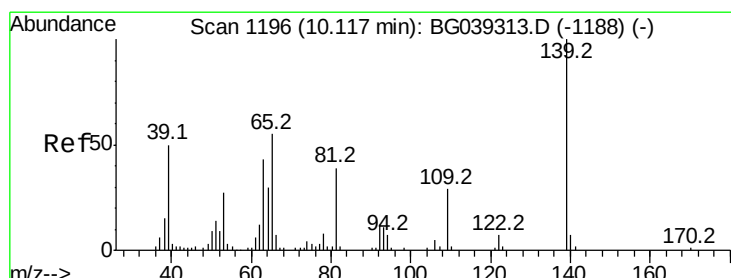
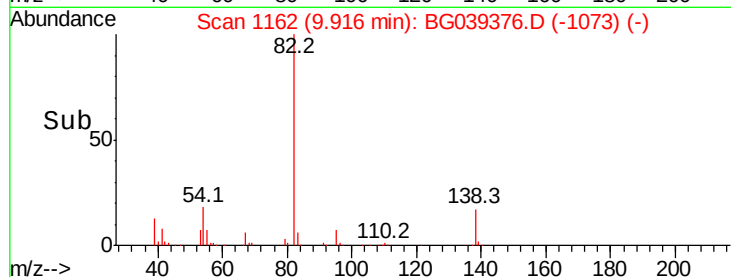
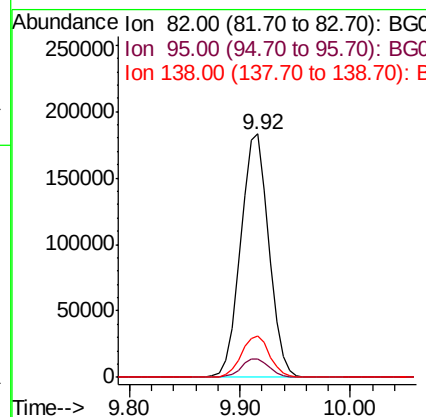
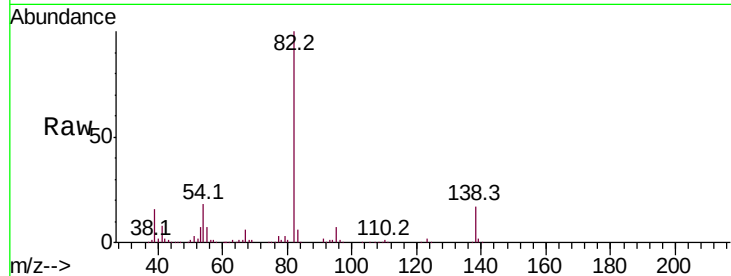
#25
Isophorone
Concen: 41.854 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.4	6.2	9.2	
138	16.8	13.0	19.4	

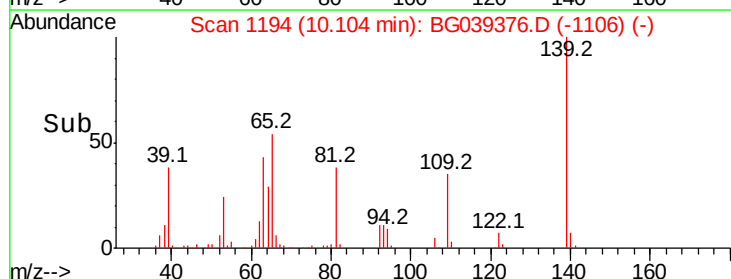
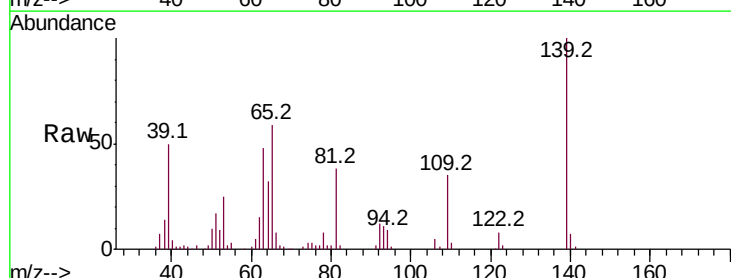
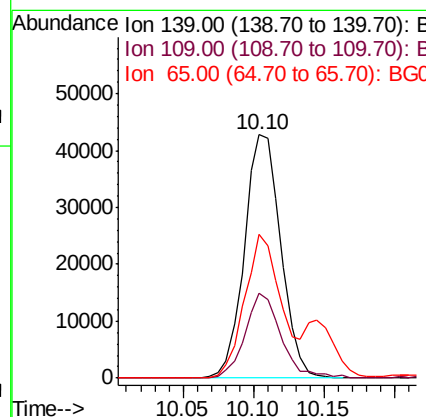
Manual Integrations
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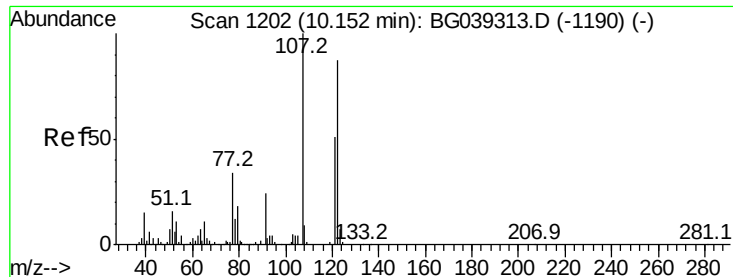
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#26
2-Nitrophenol
Concen: 50.606 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	34.6	23.4	35.0	
65	59.1	44.3	66.5	





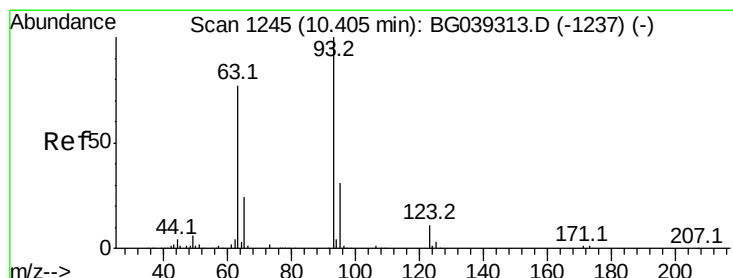
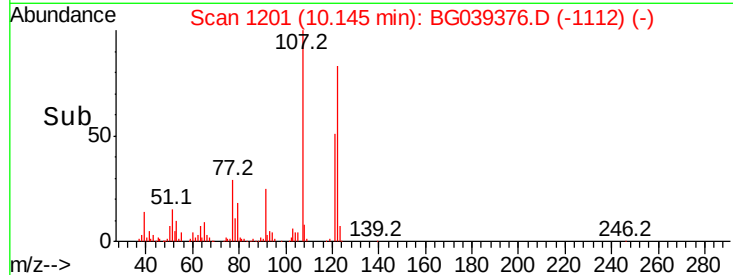
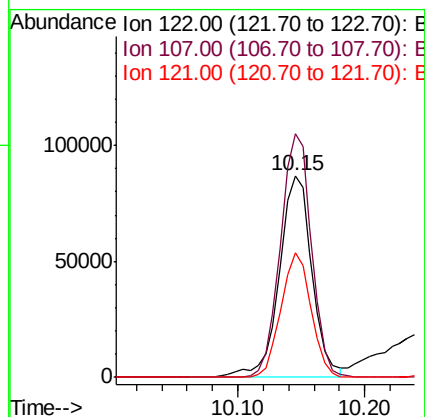
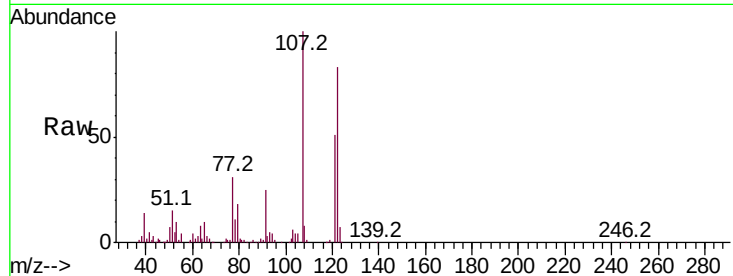
#27
2,4-Dimethylphenol
Concen: 49.249 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampled :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	156267		
107	120.8	91.7	137.5	
121	61.7	46.4	69.6	

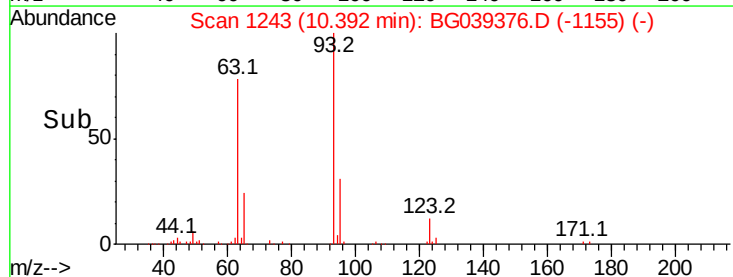
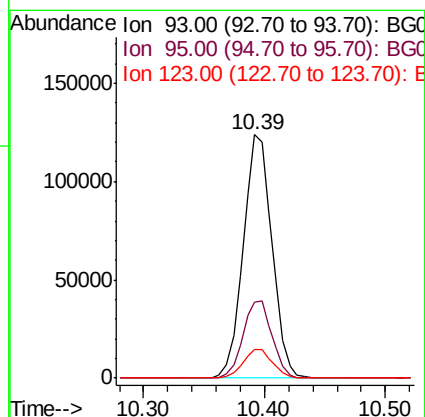
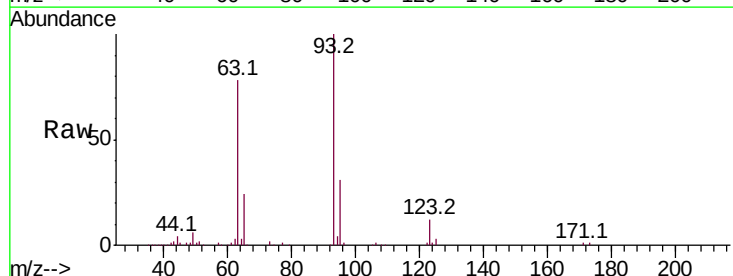
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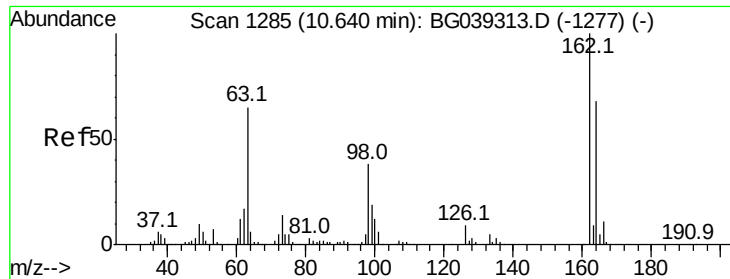
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#28
bis(2-Chloroethoxy)methane
Concen: 42.539 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	205517		
95	31.4	25.0	37.4	
123	12.0	8.6	12.8	





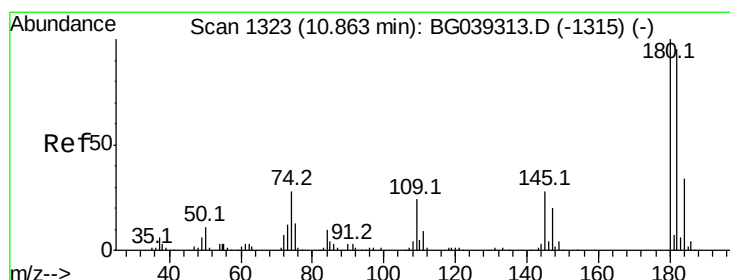
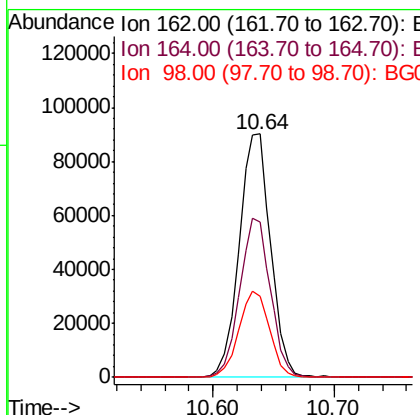
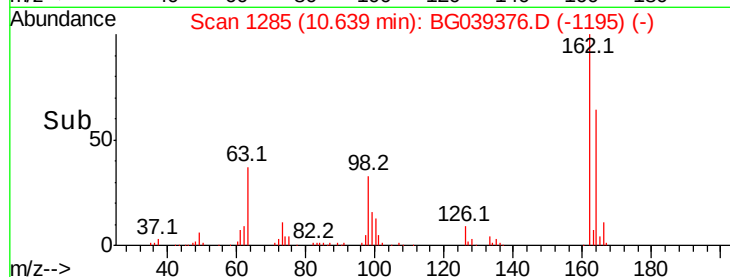
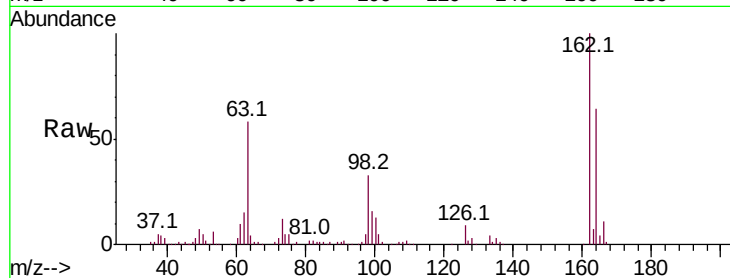
#29
2,4-Dichlorophenol
Concen: 47.029 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	163090		
164	64.0	48.1	88.1	
98	33.3	18.1	58.1	

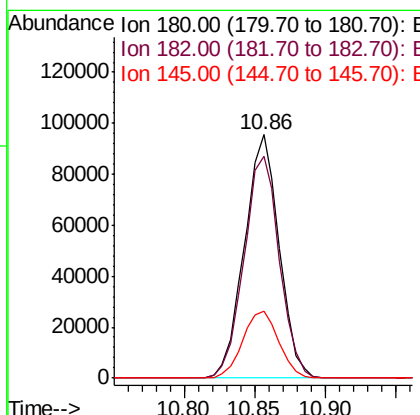
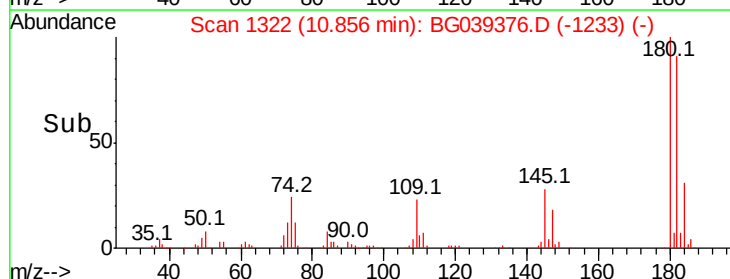
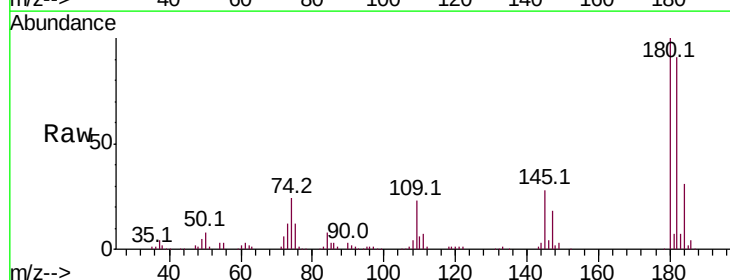
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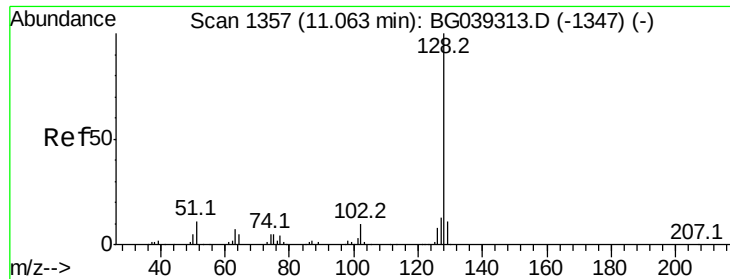
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.239 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	164451		
182	91.1	76.0	114.0	
145	27.5	22.7	34.1	





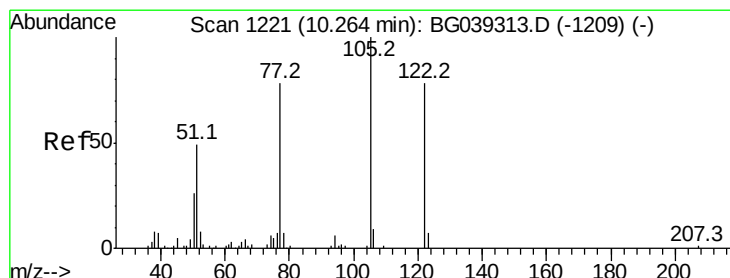
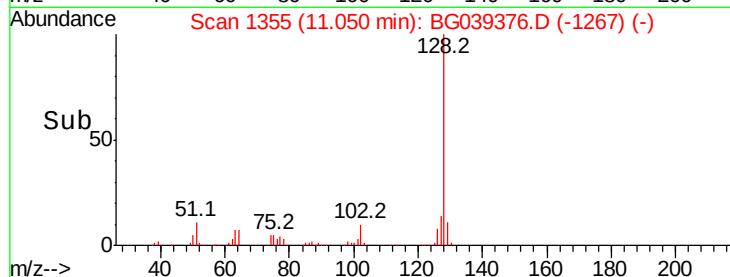
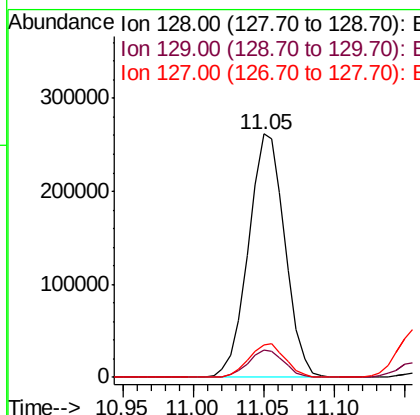
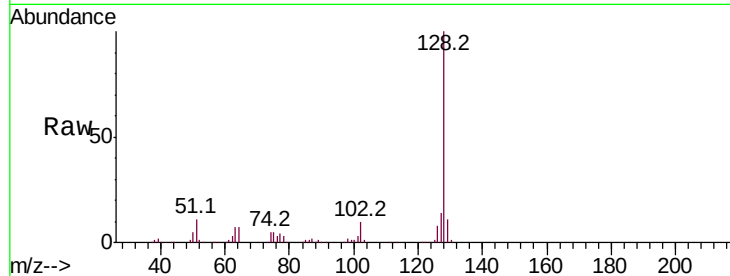
#31
Naphthalene
Concen: 43.154 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	473393		
129	11.4	8.7	13.1	
127	13.5	10.8	16.2	

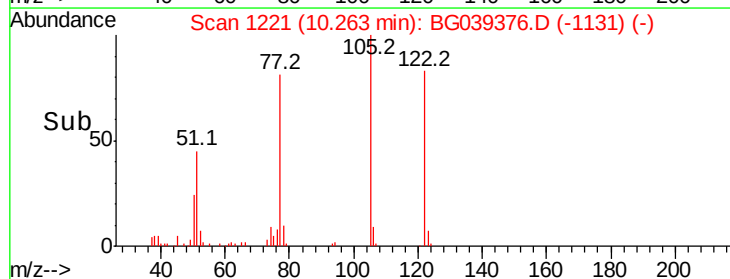
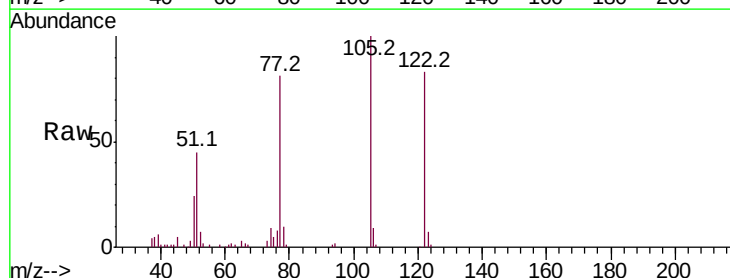
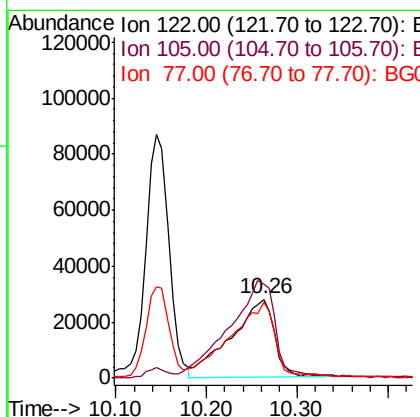
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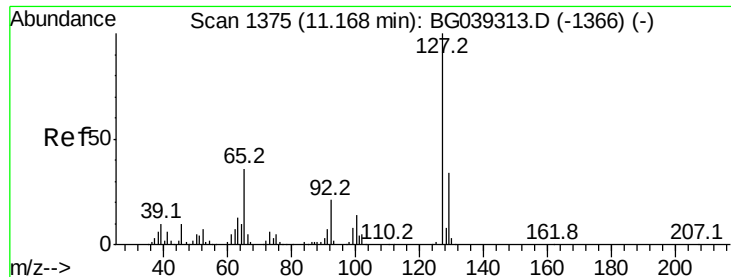
mohammad
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#32
Benzoic acid
Concen: 45.250 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	92696		
105	120.1	101.8	141.8	
77	97.3	76.3	116.3	





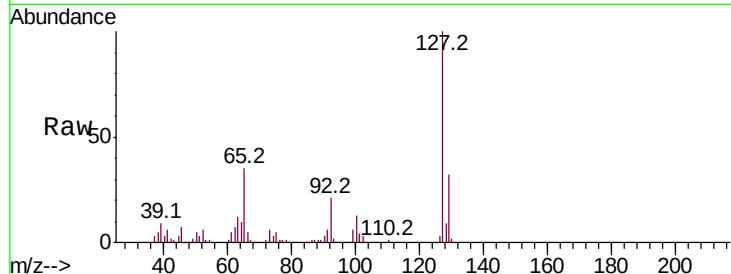
#33
4-Chloroaniline
Concen: 18.887 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

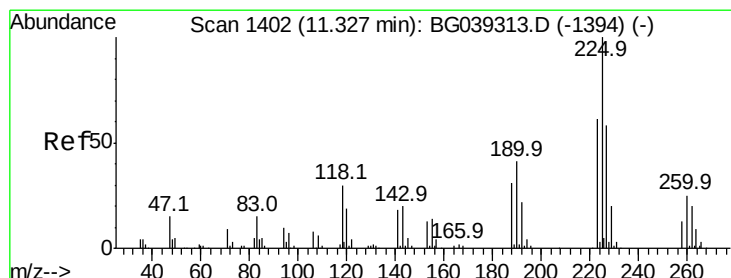
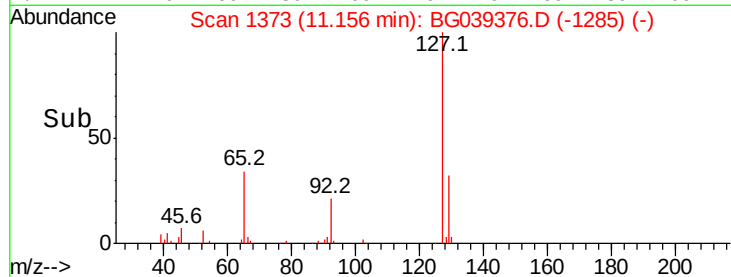
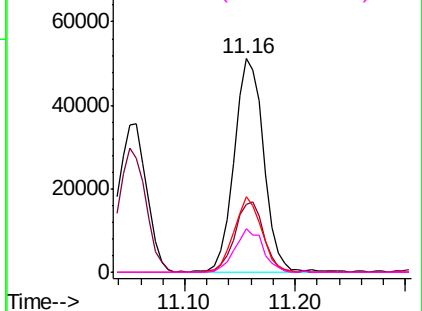
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	27.0	40.4	
65	35.2	28.8	43.2	
92	20.7	16.6	25.0	

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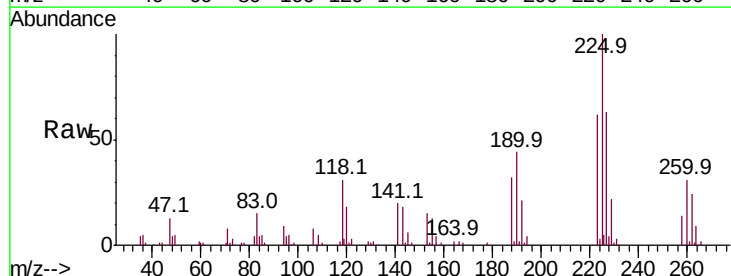


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

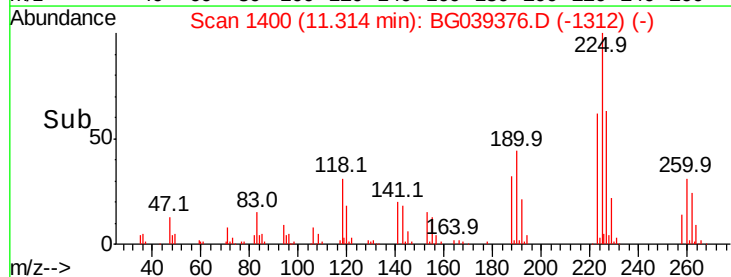
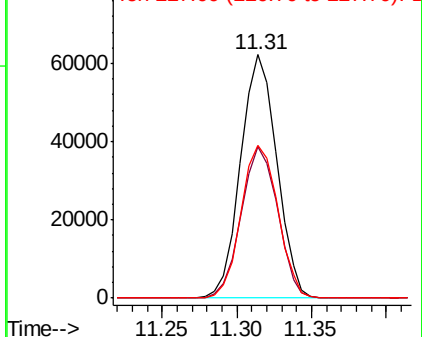


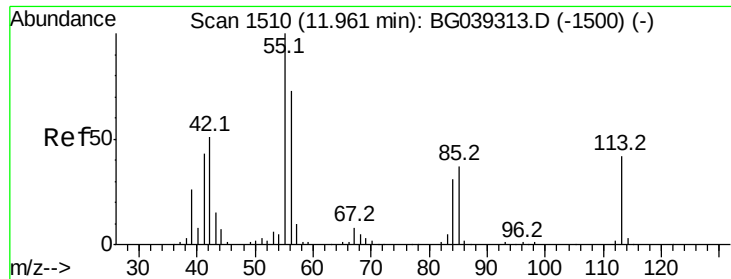
#34
Hexachlorobutadiene
Concen: 40.445 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	49.0	73.6	
227	62.9	46.3	69.5	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.029 ng/mL

RT: 11.94 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

ClientSampled :

PB116873BS

Tot Ion:113 Resp: 53137

Ion Ratio Lower Upper

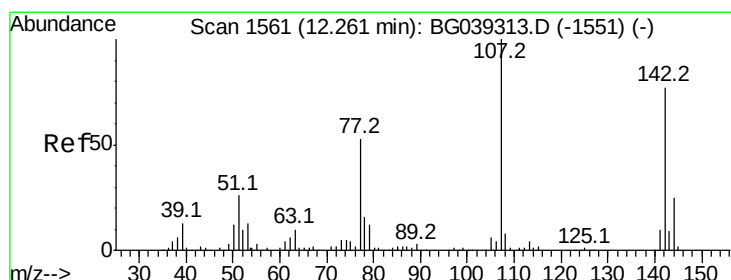
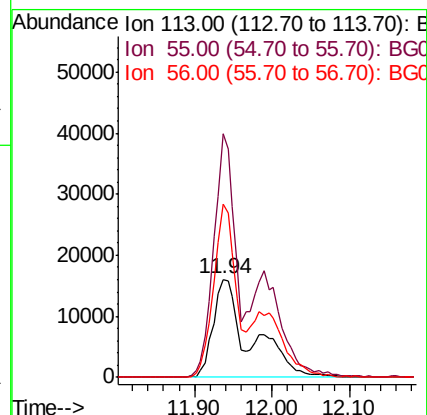
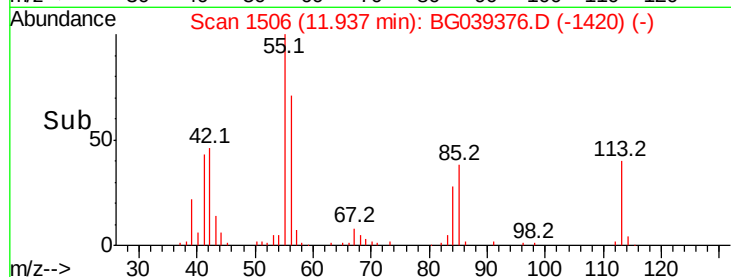
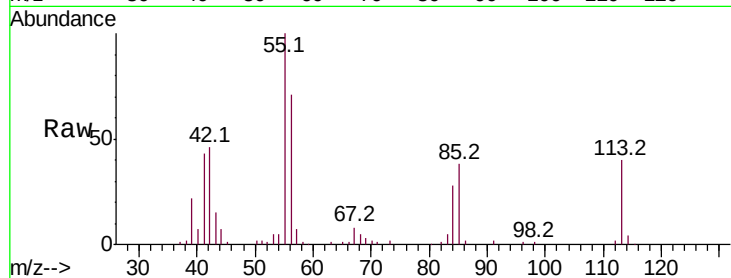
113 100

55 247.8 216.9 256.9

56 176.6 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 42.042 ng/mL

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

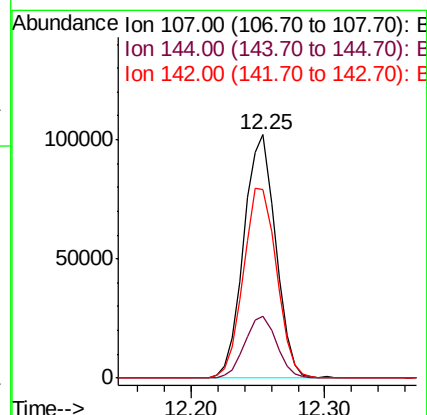
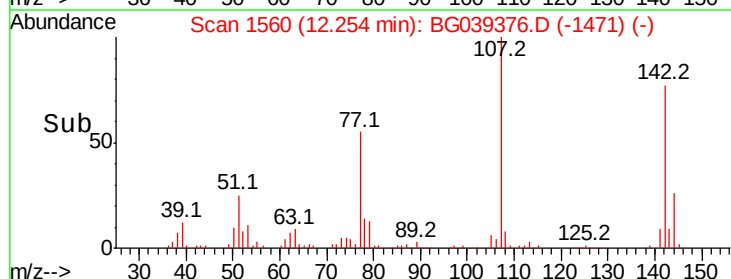
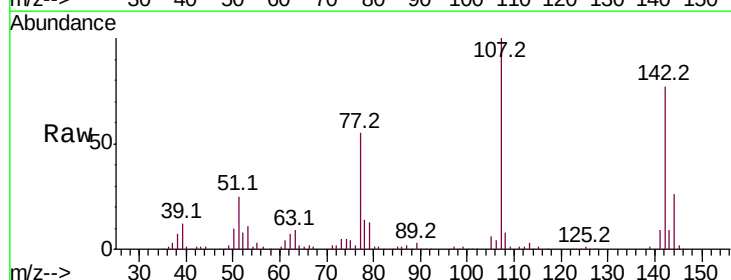
Tgt Ion:107 Resp: 168611

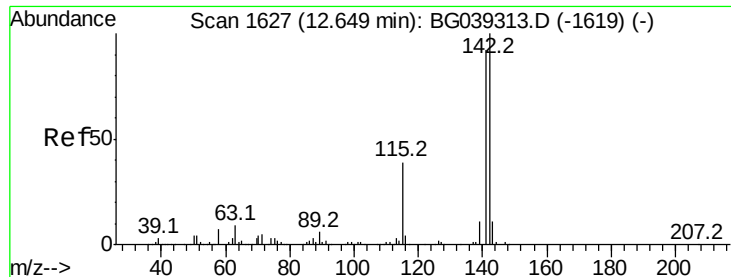
Ion Ratio Lower Upper

107 100

144 25.7 20.2 30.2

142 77.4 61.4 92.2





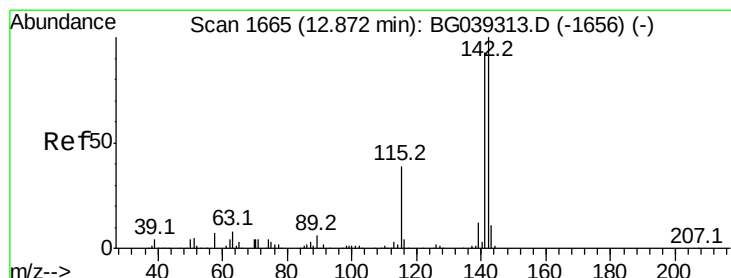
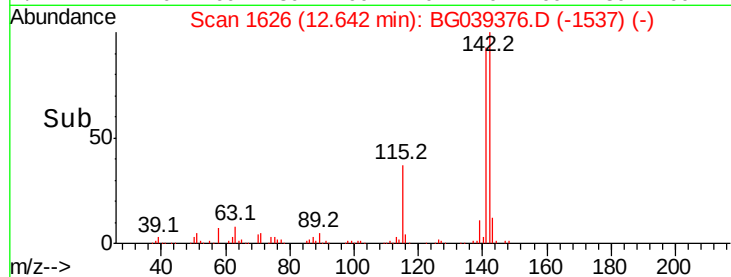
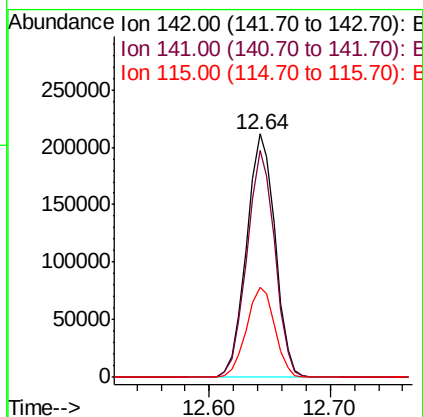
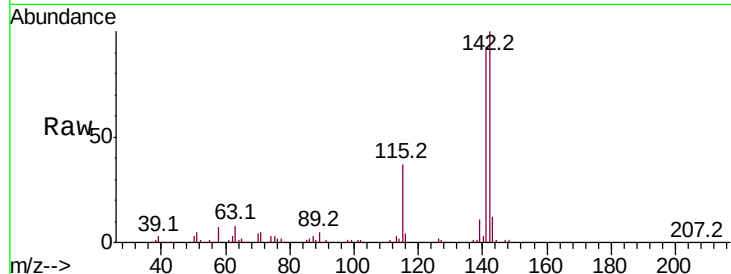
#37
2-Methylnaphthalene
Concen: 43.081 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.5	110.3
115	37.1	30.8	46.2

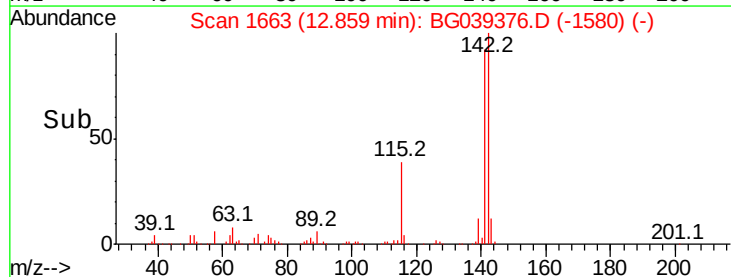
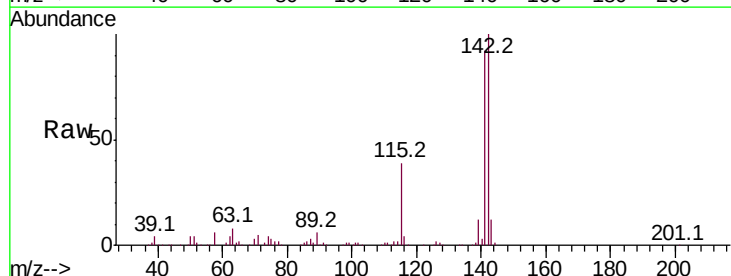
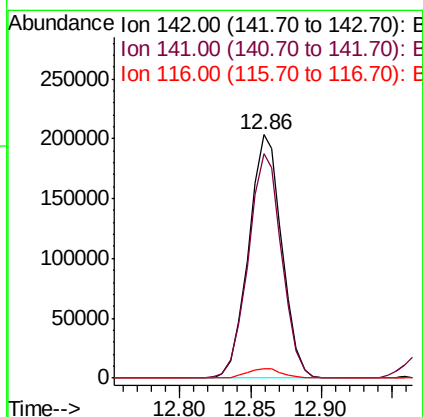
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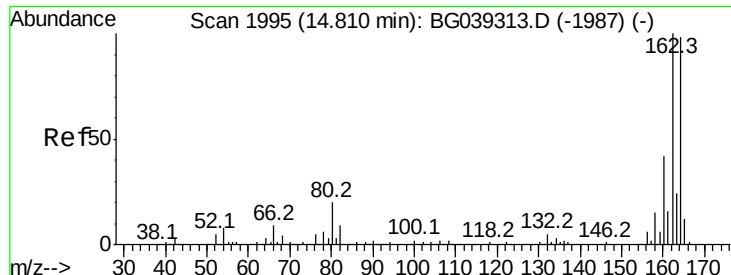
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#38
1-Methylnaphthalene
Concen: 42.692 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.1	3.0	4.6





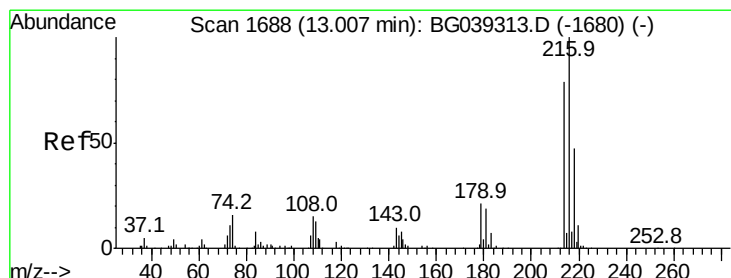
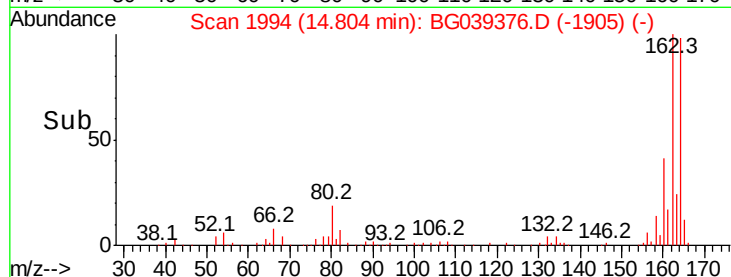
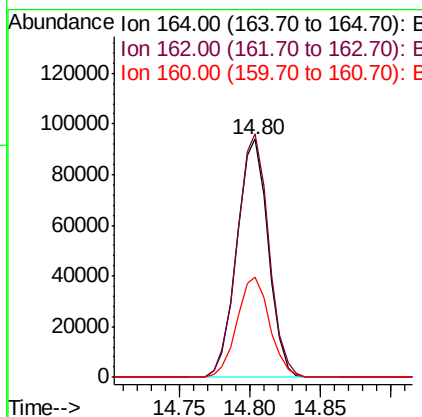
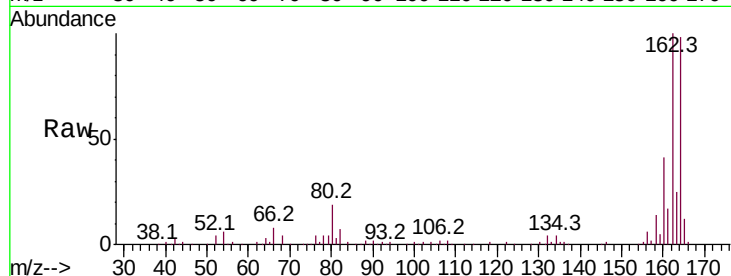
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.6	122.4
160	42.2	34.2	51.2

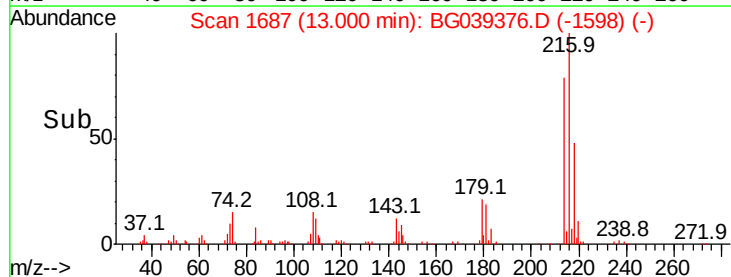
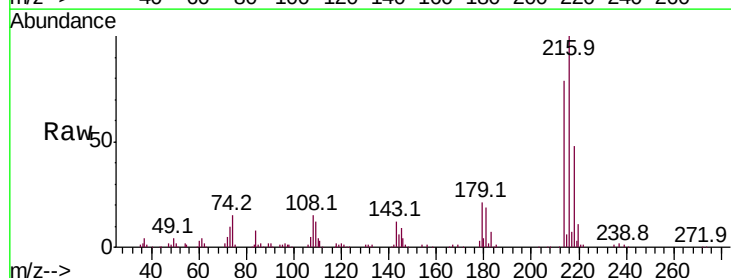
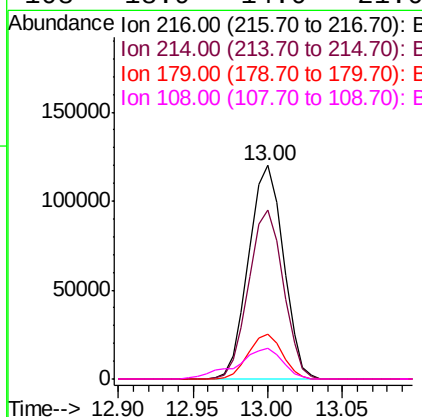
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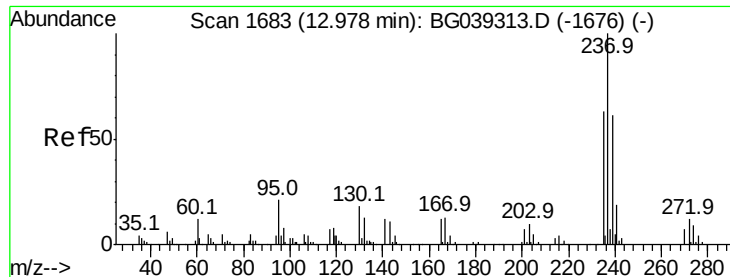
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.832 ng
RT: 13.00 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.6	94.0
179	20.5	16.6	25.0
108	18.9	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 104.214 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

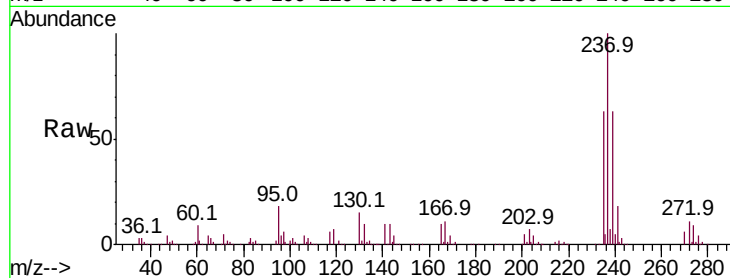
ClientSampleId :

PB116873BS

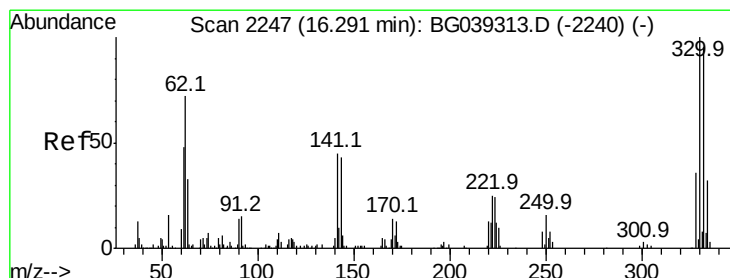
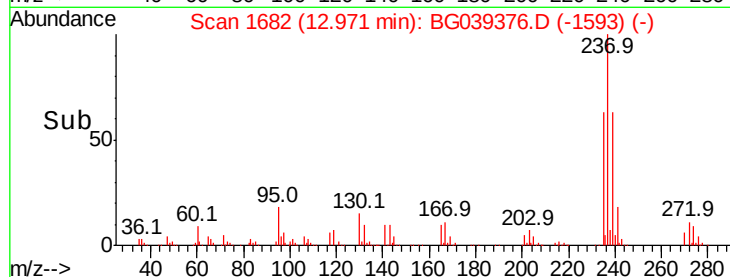
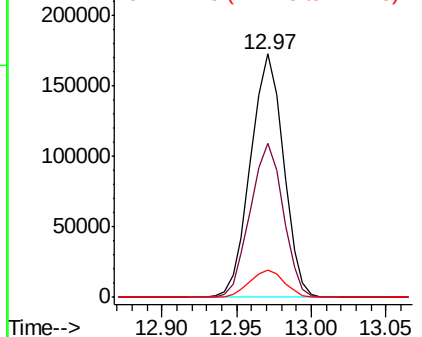
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	43.3	83.3
272	11.1	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 160.105 ng

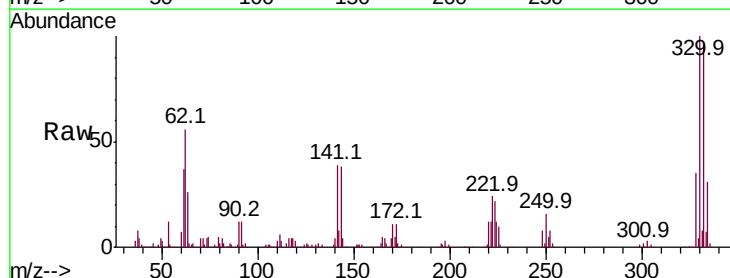
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

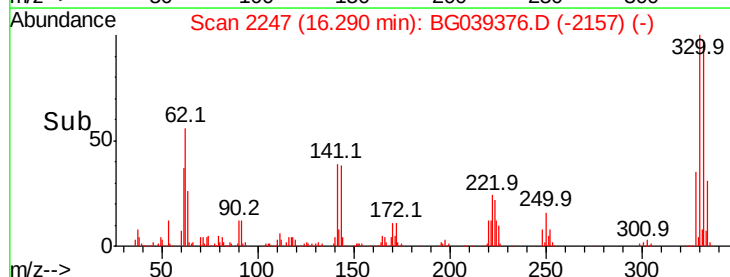
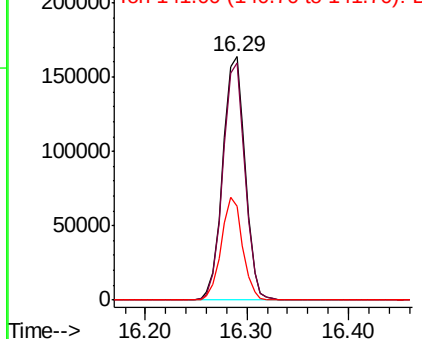
Lab File: BG039376.D

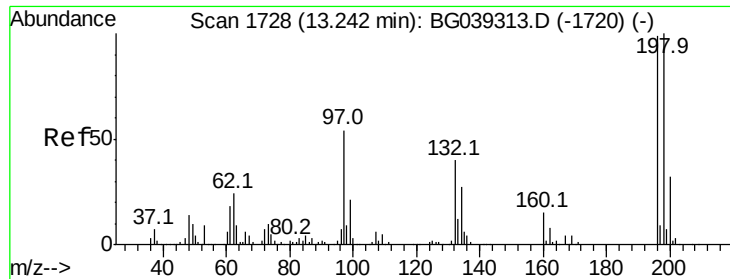
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	75.7	113.5
141	40.4	35.6	53.4



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





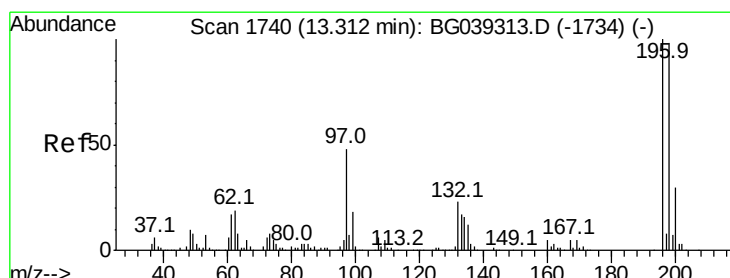
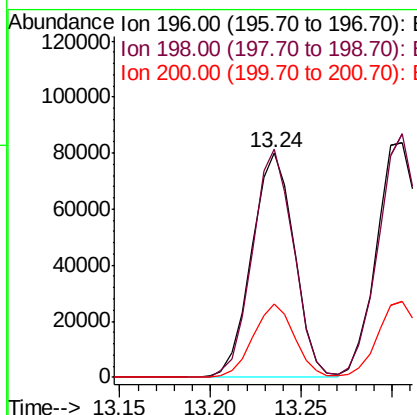
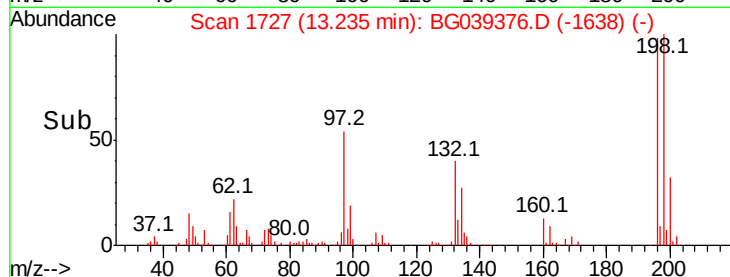
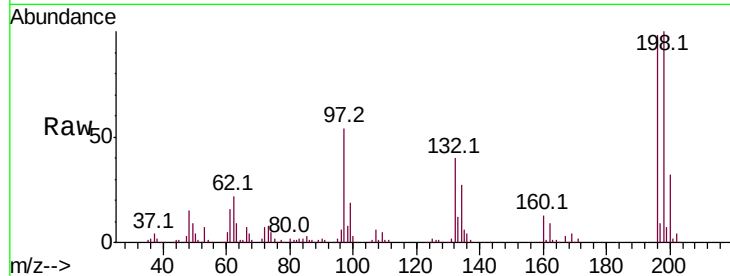
#43
 2,4,6-Trichlorophenol
 Concen: 45.856 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039376.D
 Acq: 6 Feb 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130383		
198	101.6	80.6	121.0	
200	32.7	26.1	39.1	

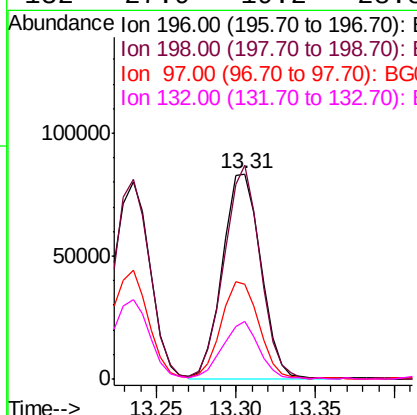
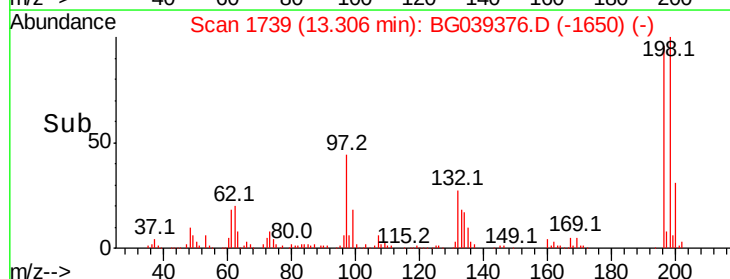
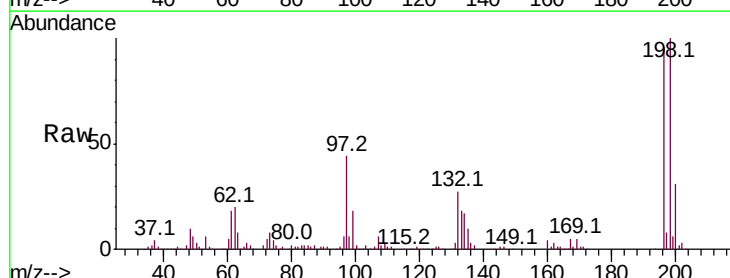
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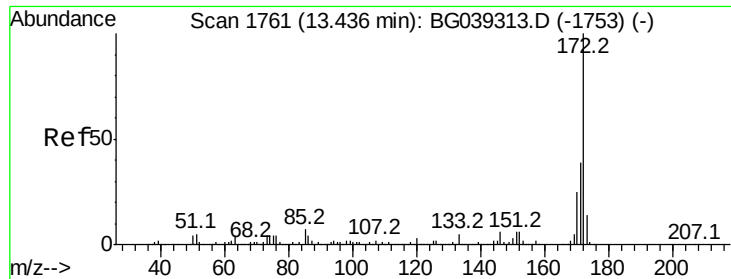
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#44
 2,4,5-Trichlorophenol
 Concen: 47.050 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039376.D
 Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	140211		
198	104.0	78.5	117.7	
97	46.2	38.4	57.6	
132	27.9	19.2	28.8	





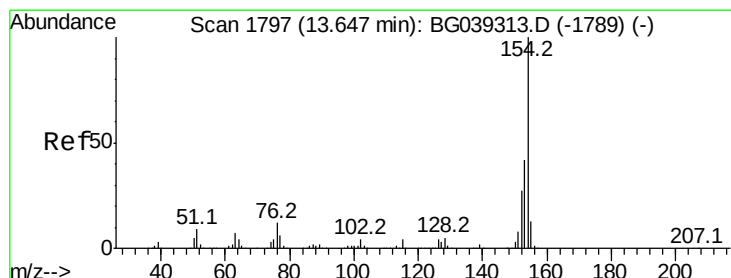
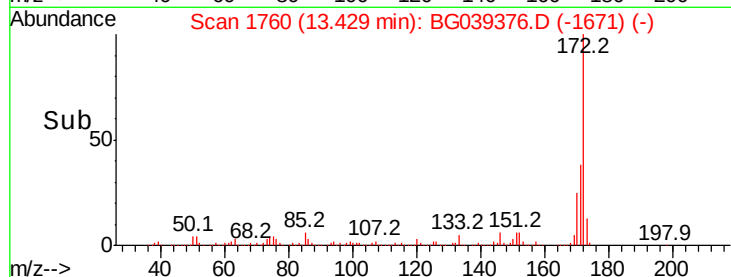
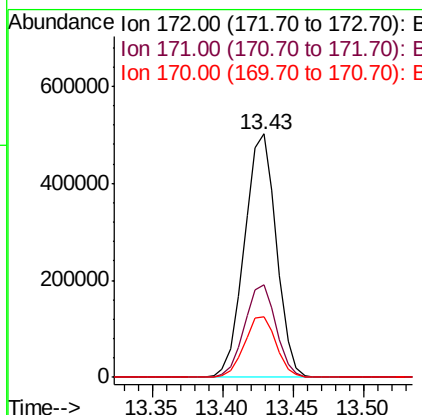
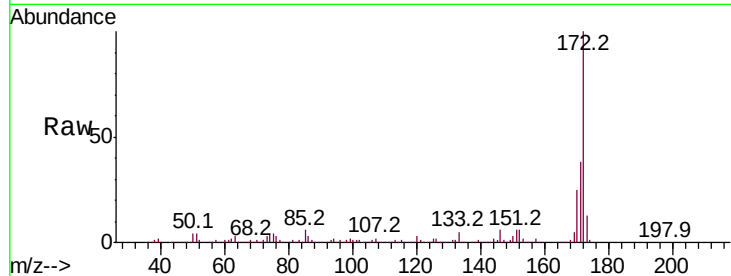
#45
2-Fluorobiphenyl
Concen: 78.303 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	793343		
171	38.0		30.8	46.2
170	25.1		20.2	30.4

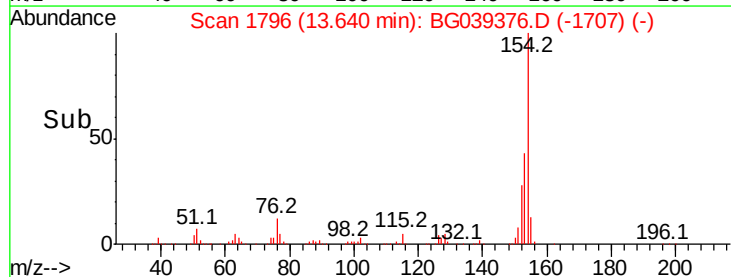
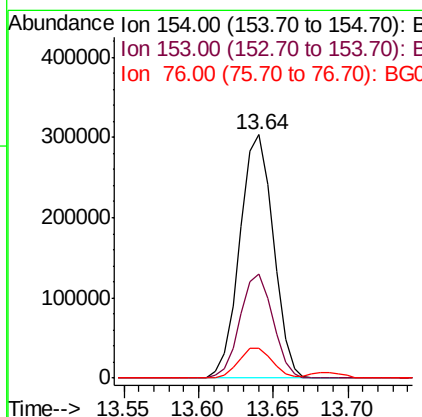
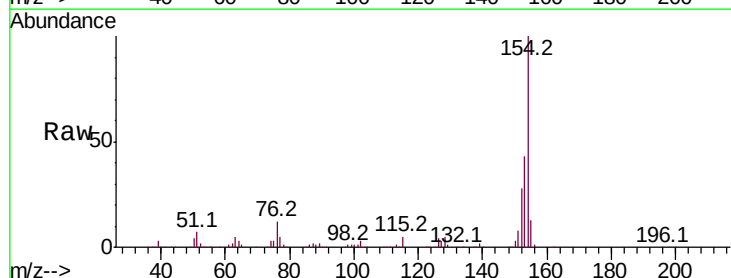
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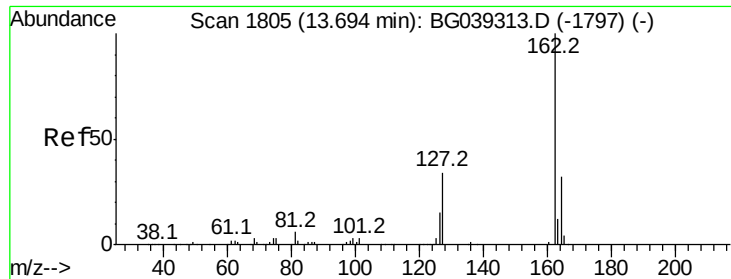
mohammad
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#46
1,1'-Biphenyl
Concen: 39.153 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	473476		
153	42.9		22.1	62.1
76	12.0		0.0	32.4





#47

2-Chloronaphthalene

Concen: 39.960 ng

RT: 13.69 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BG039376.D

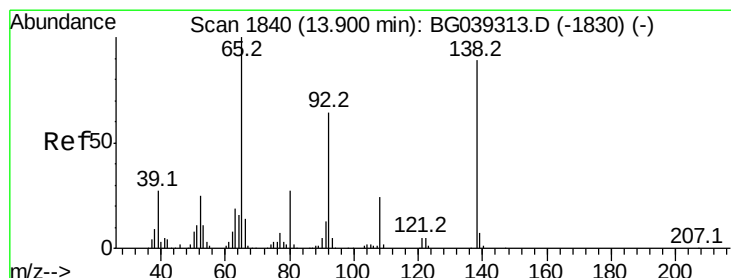
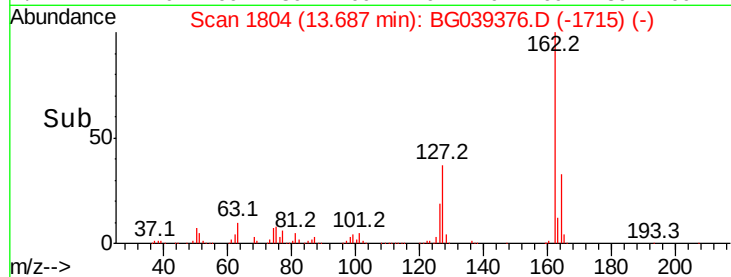
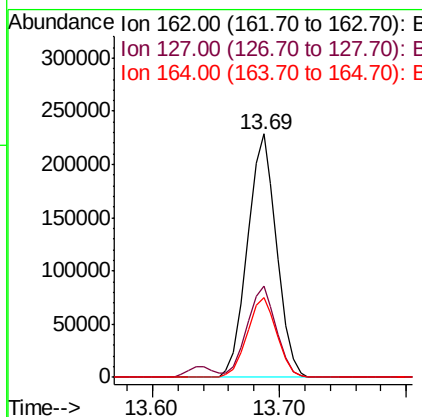
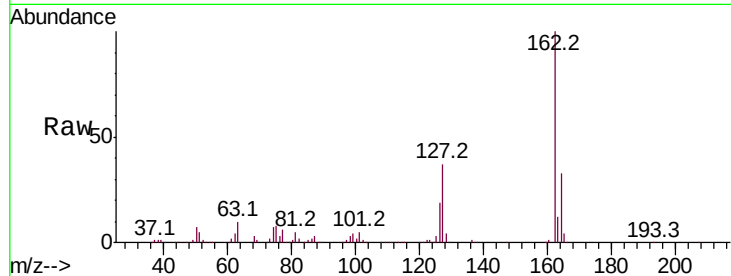
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.0	46.6
164	32.7	25.7	38.5

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#48

2-Nitroaniline

Concen: 44.733 ng

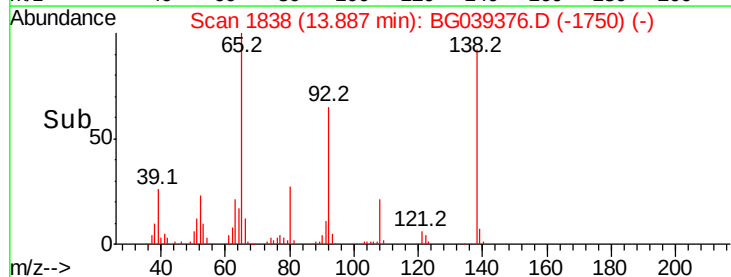
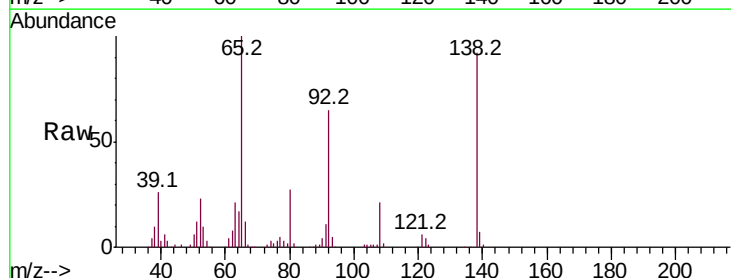
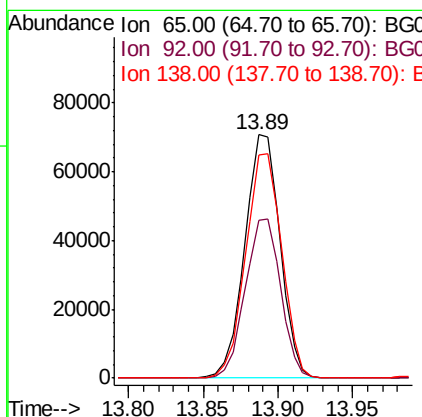
RT: 13.89 min Scan# 1838

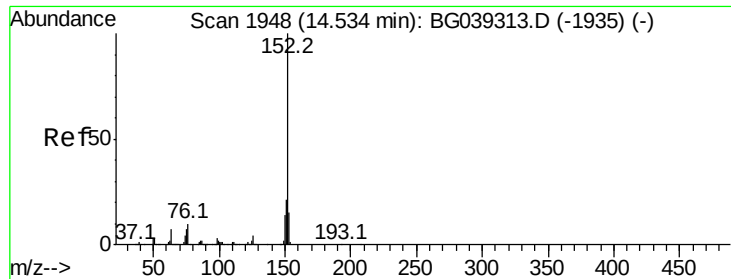
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	51.4	77.2
138	91.7	71.4	107.2





#49

Acenaphthylene

Concen: 42.256 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

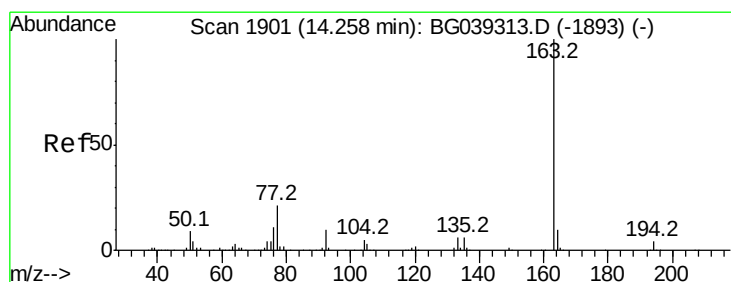
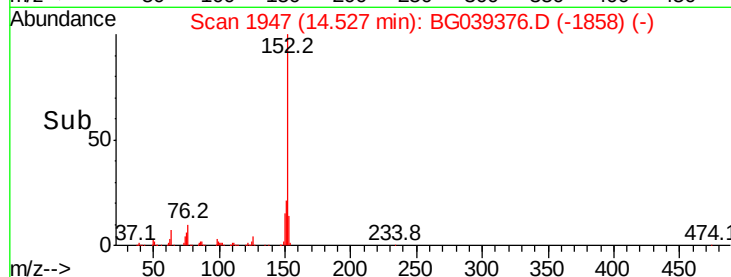
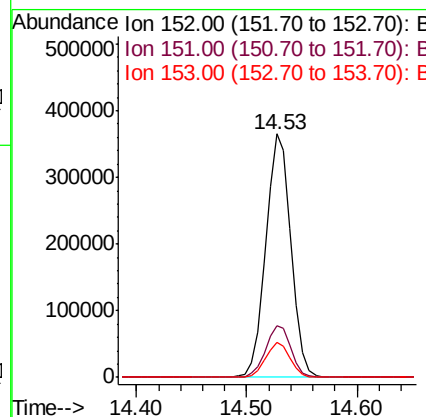
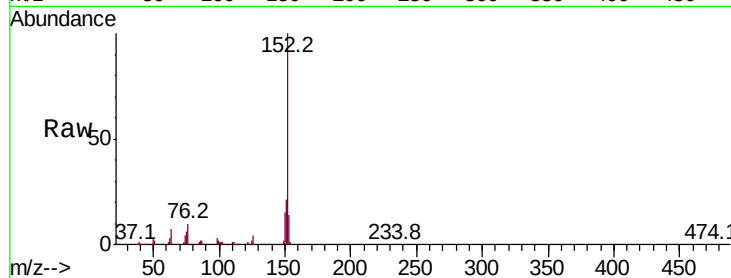
ClientSampleId :

PB116873BS

Tot Ion:	152	Resp:	580053
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	14.4	11.7	17.5

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#50

Dimethylphthalate

Concen: 39.555 ng

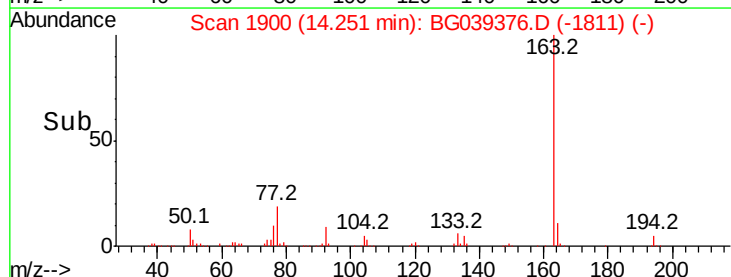
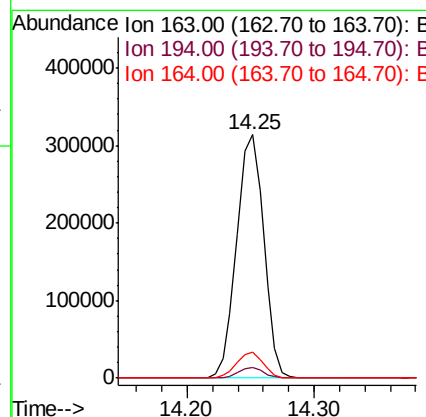
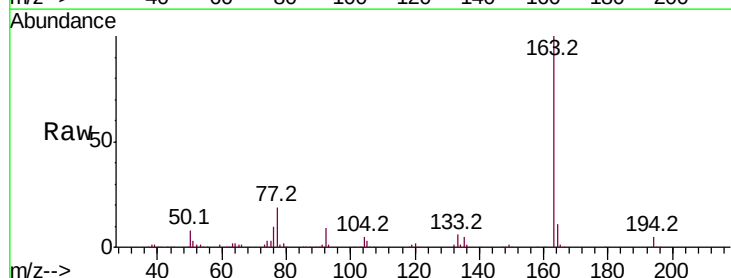
RT: 14.25 min Scan# 1900

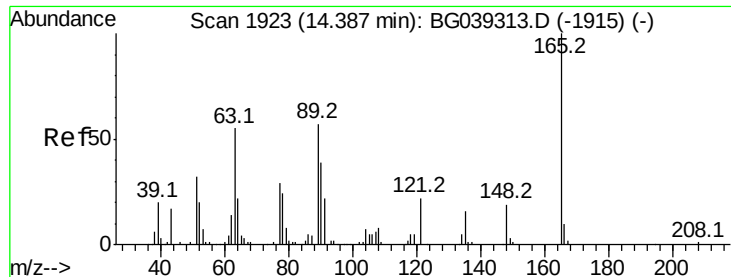
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion:	163	Resp:	464324
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.9	8.4	12.6





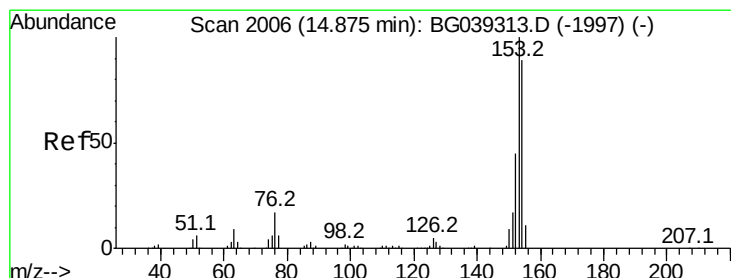
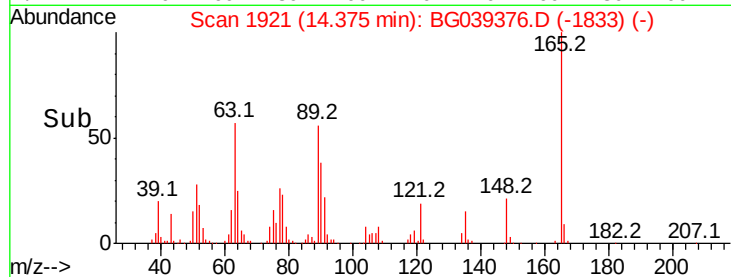
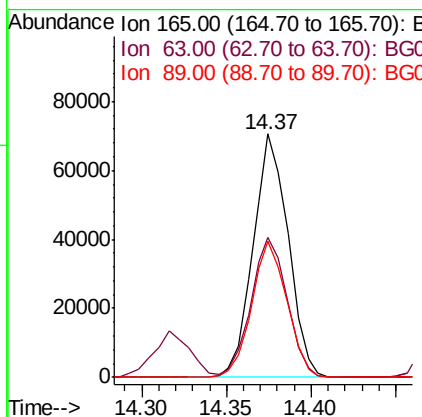
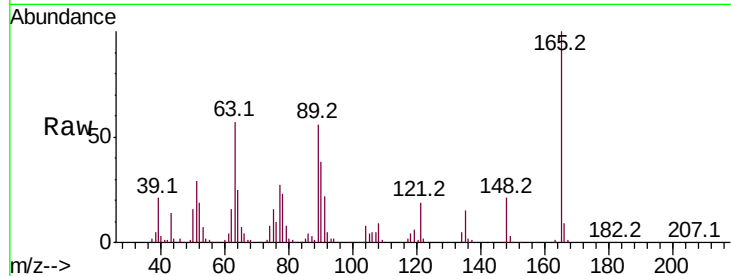
#51
 2,6-Dinitrotoluene
 Concen: 46.315 ng
 RT: 14.37 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG039376.D
 Acq: 6 Feb 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.4	47.0	70.6	
89	55.8	45.8	68.8	

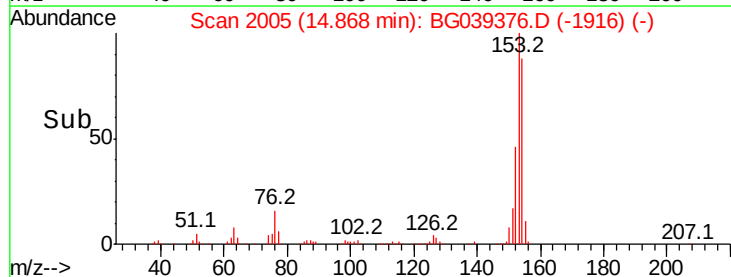
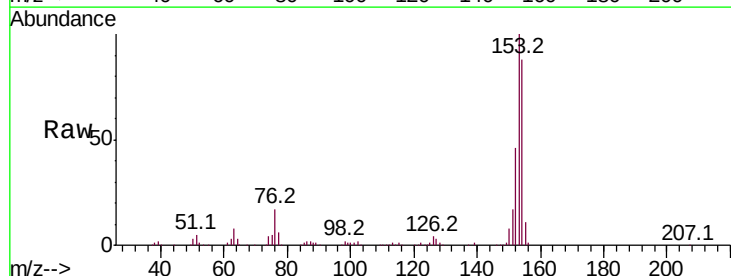
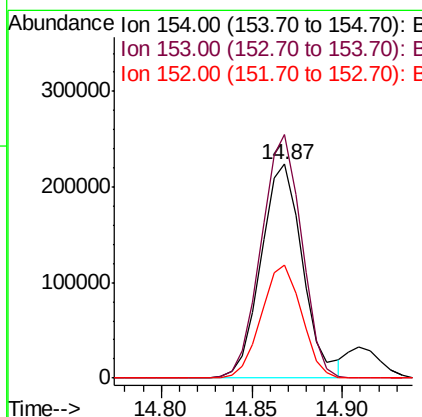
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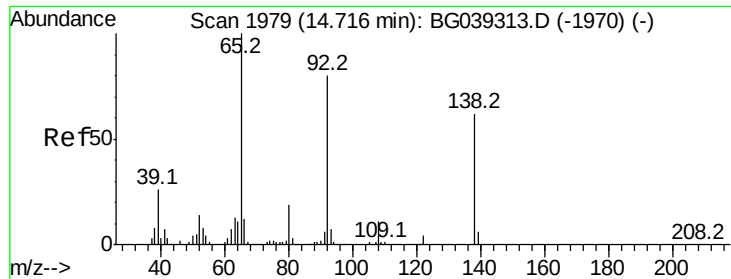
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#52
 Acenaphthene
 Concen: 40.094 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG039376.D
 Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.8	90.1	135.1	
152	52.9	40.9	61.3	





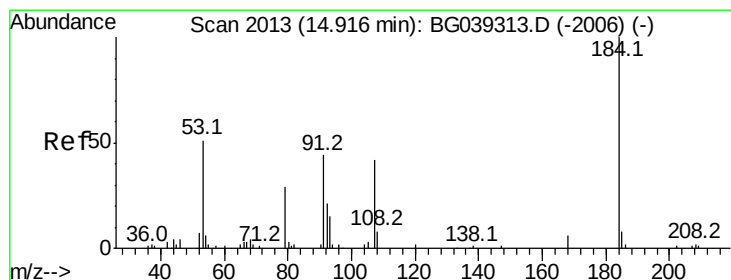
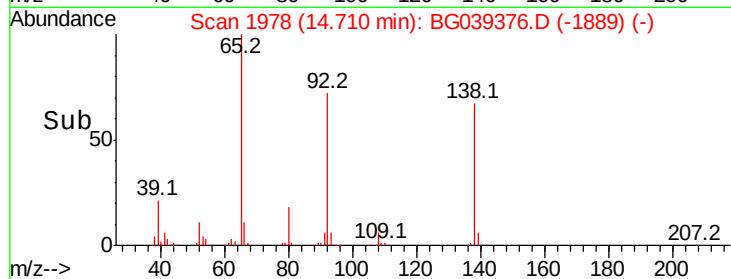
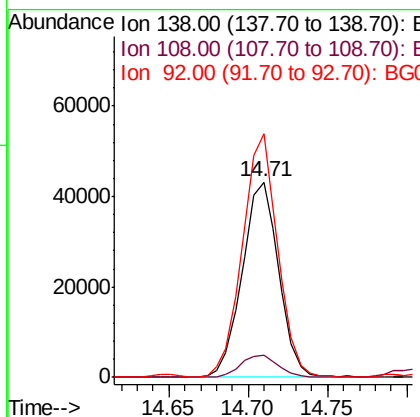
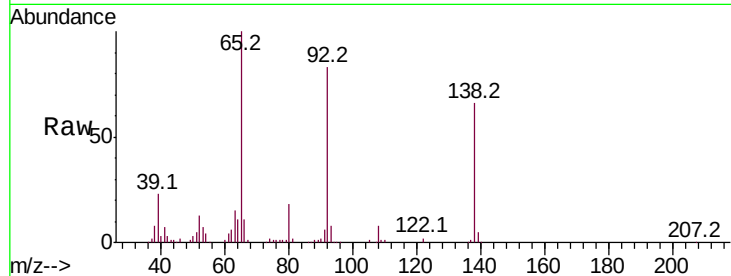
#53
3-Nitroaniline
Concen: 31.392 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	13.8	20.8#
92	124.8	103.7	155.5

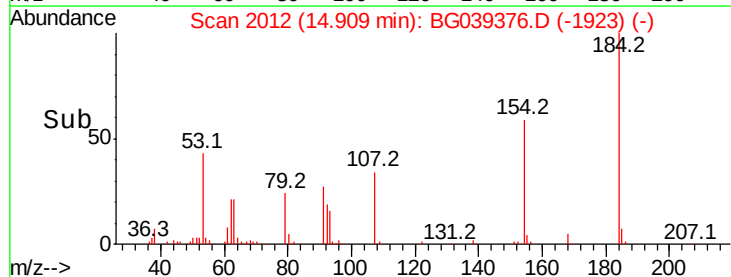
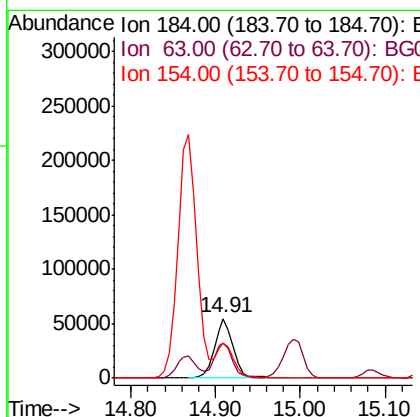
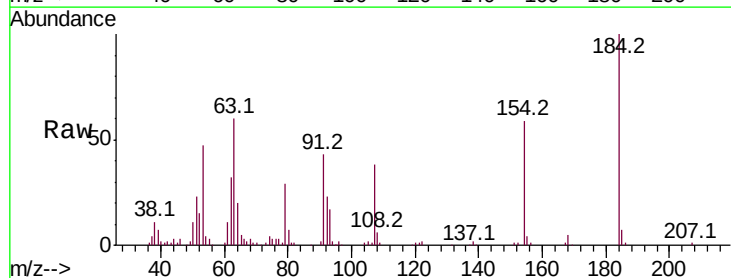
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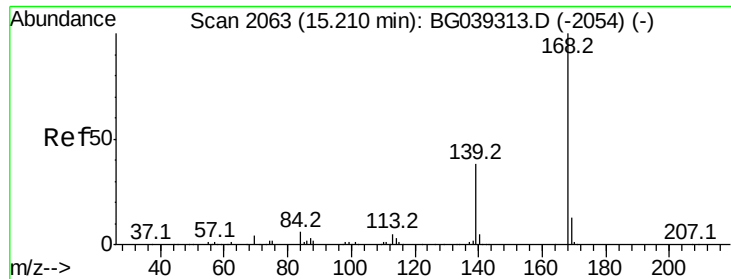
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#54
2,4-Dinitrophenol
Concen: 85.728 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	50.9	76.3
154	59.5	53.0	79.6





#55

Dibenzofuran

Concen: 39.860 ng

RT: 15.20 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

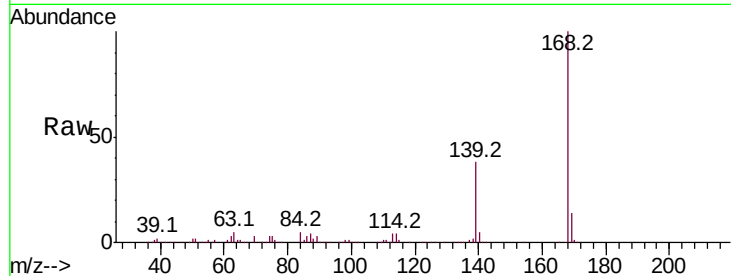
ClientSampleId :

PB116873BS

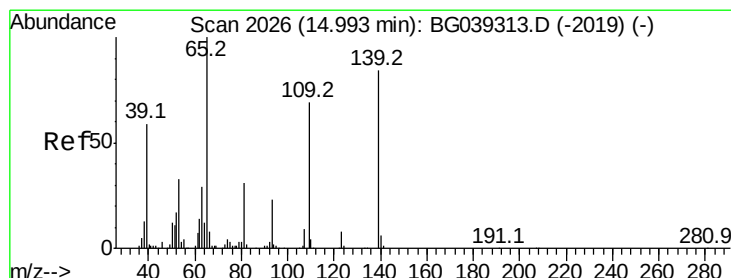
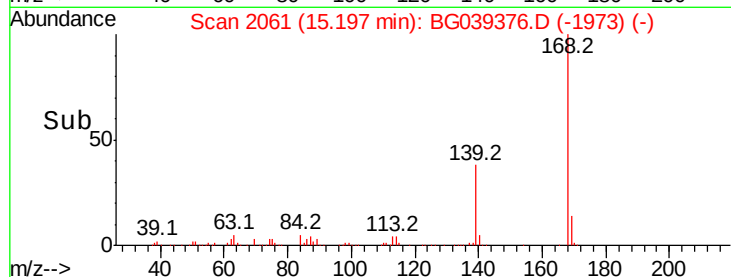
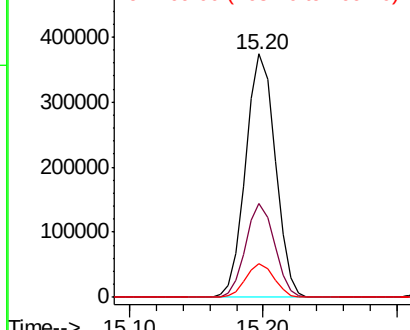
Tot Ion:	168	Resp:	569458
Ion Ratio	Lower	Upper	
168	100		
139	38.5	30.1	45.1
169	13.7	10.6	16.0

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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: 88.769 ng

RT: 14.99 min Scan# 2026

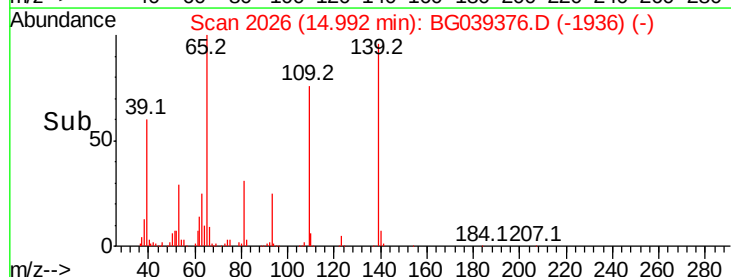
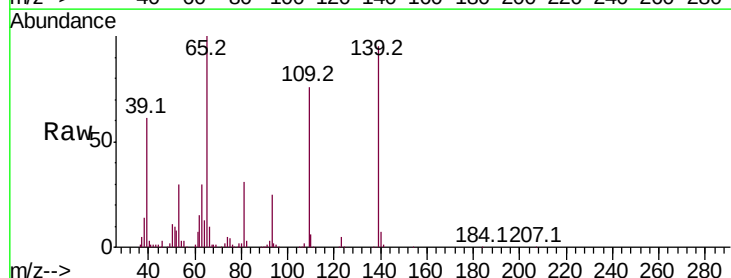
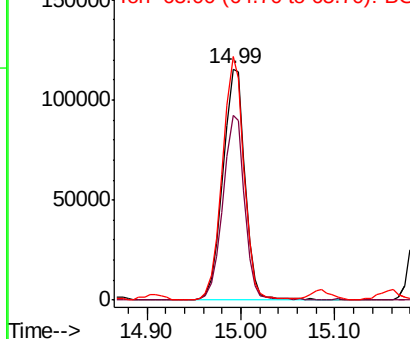
Delta R.T. -0.00 min

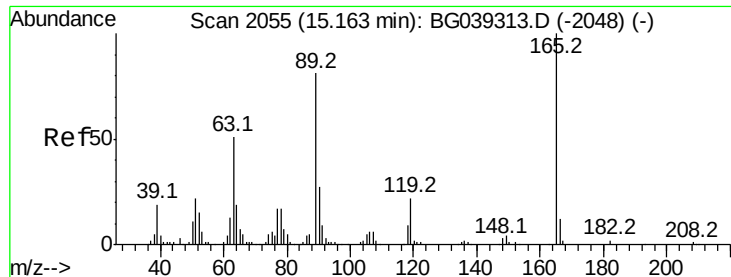
Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion:	139	Resp:	189860
Ion Ratio	Lower	Upper	
139	100		
109	79.7	61.9	101.9
65	105.2	99.1	139.1

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: 50.336 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

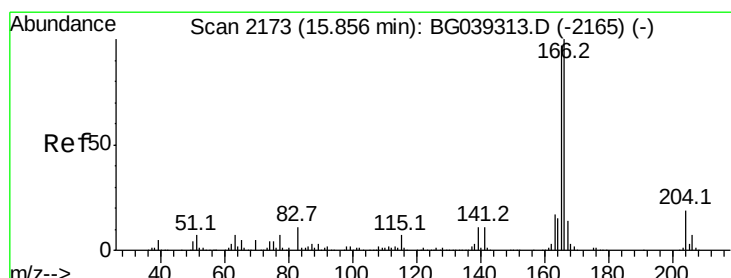
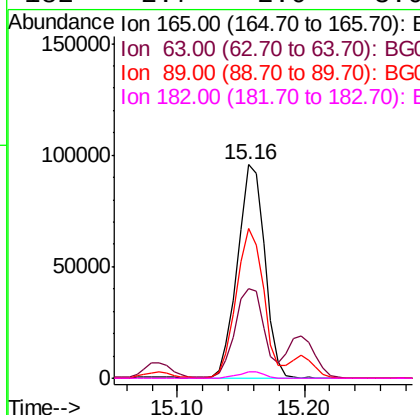
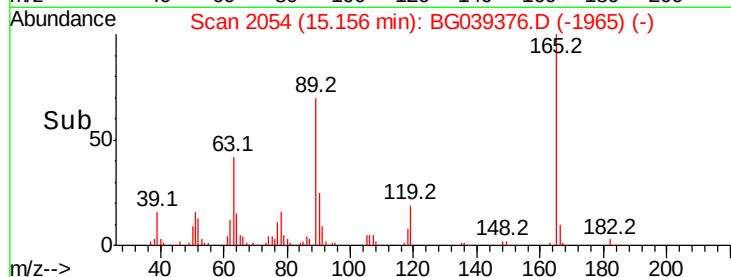
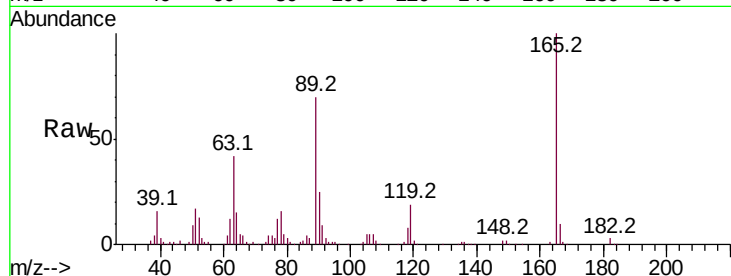
ClientSampleId :

PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	142734		
63	42.1		41.0	61.6
89	70.3		64.6	96.8
182	2.7		2.0	3.0

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#58

Fluorene

Concen: 42.388 ng

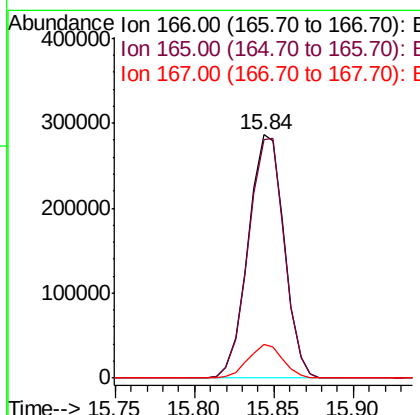
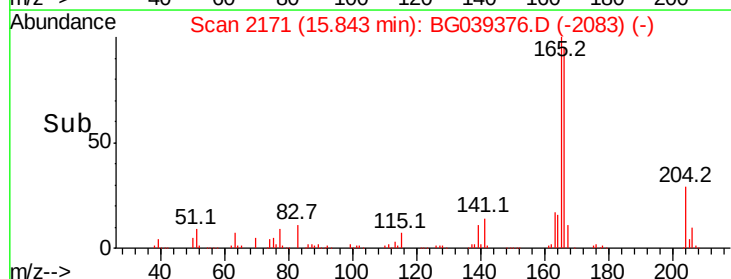
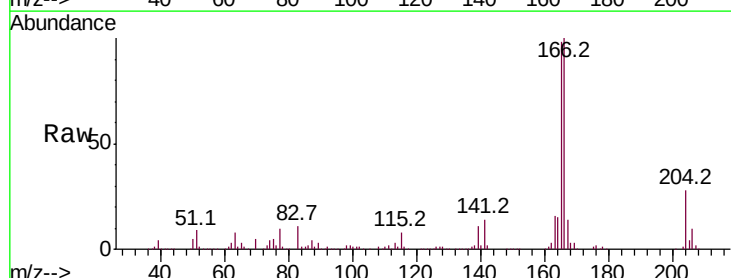
RT: 15.84 min Scan# 2171

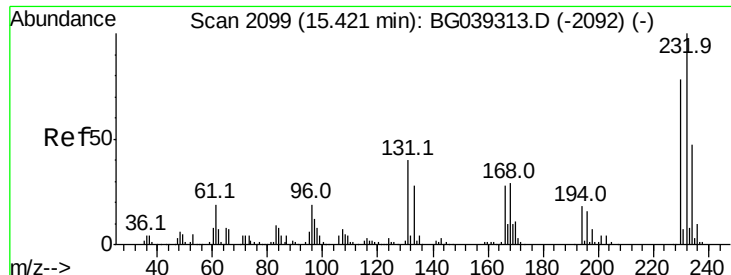
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	451433		
165	97.8		77.9	116.9
167	13.9		10.8	16.2





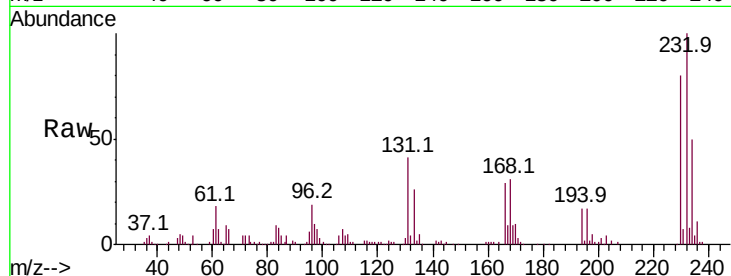
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.366 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039376.D
 Acq: 6 Feb 2019 18:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	137743		
131	41.1		34.9	52.3
130	2.5		2.0	3.0
166	29.4		24.1	36.1

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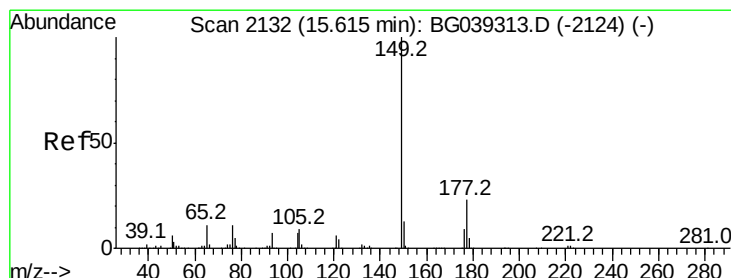
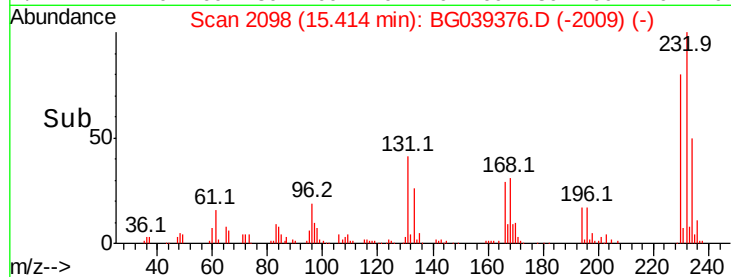
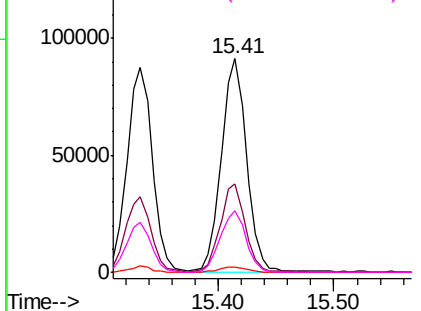
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

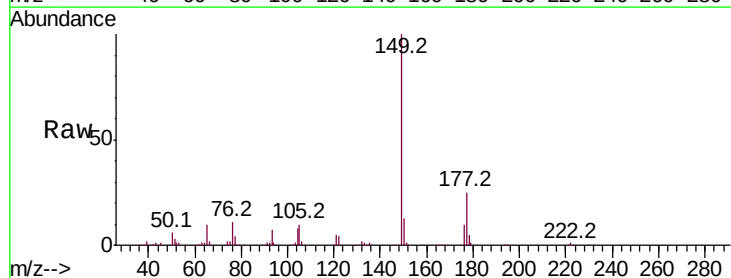
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.535 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039376.D
 Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	467697		
177	24.5		18.3	27.5
150	13.5		10.2	15.2

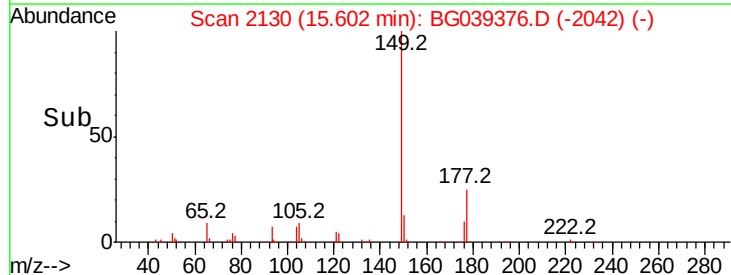
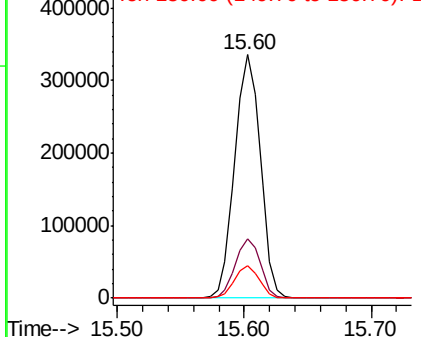


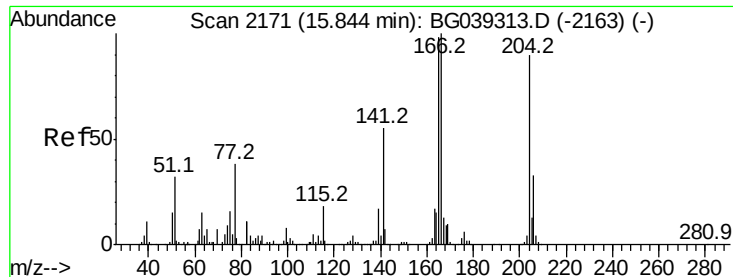
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





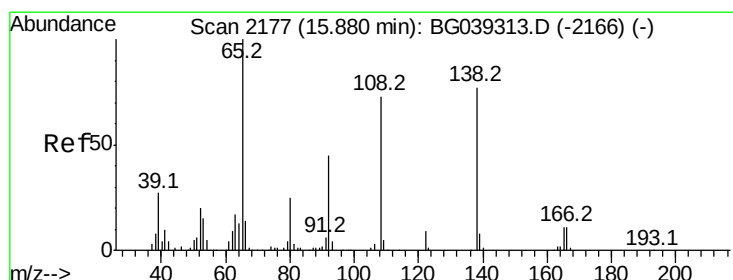
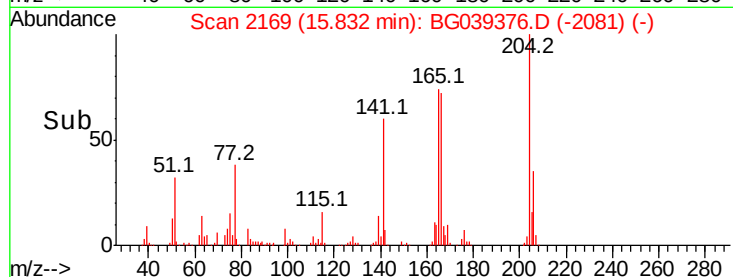
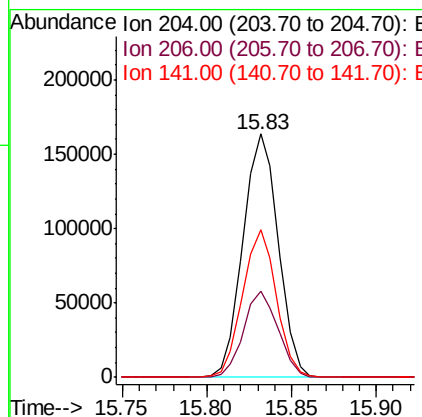
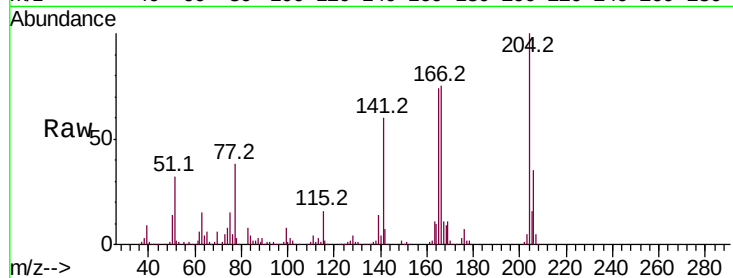
#61
4-Chlorophenyl-phenylether
Concen: 39.454 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.4	29.2	43.8
141	60.4	49.0	73.4

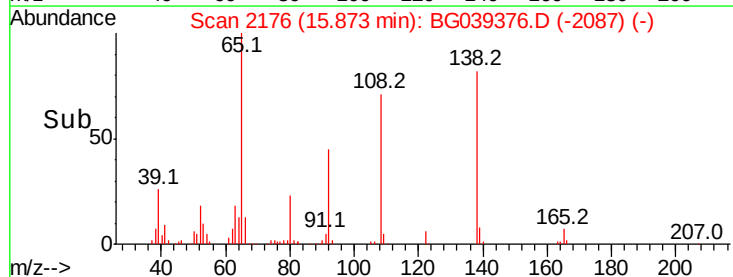
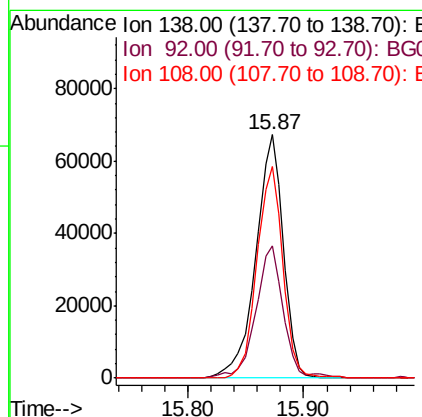
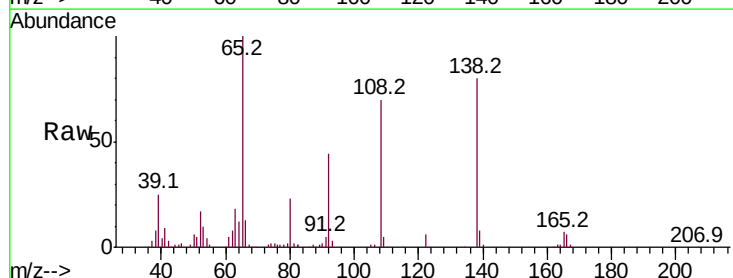
Manual Integrations
APPROVED

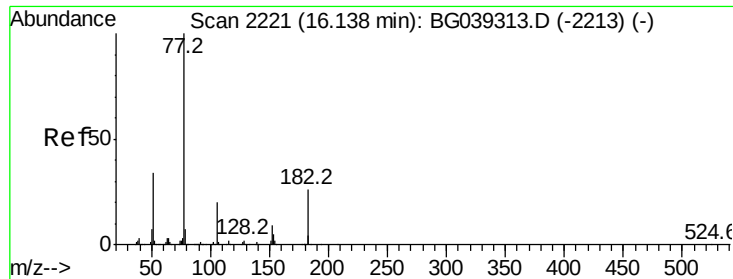
mohammad
2/7/2019 8:40:57 AM



#62
4-Nitroaniline
Concen: 45.695 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.2	38.7	78.7
108	86.9	74.6	114.6





#63

Azobenzene

Concen: 36.570 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

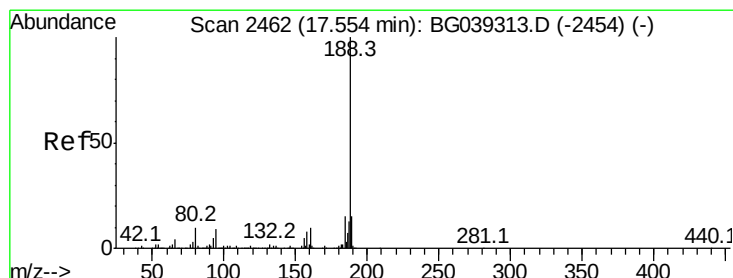
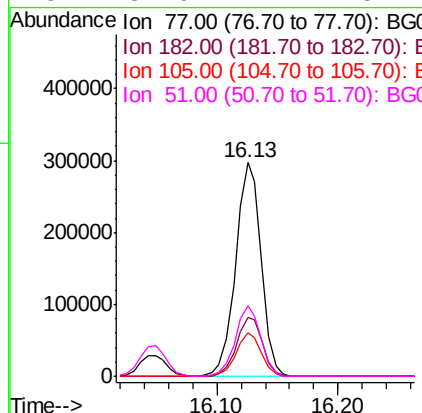
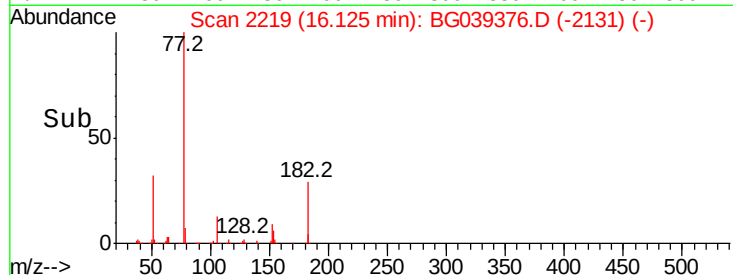
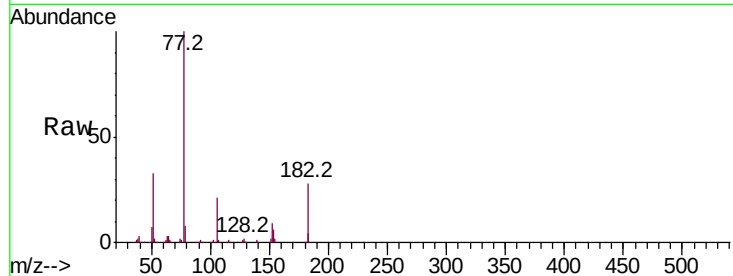
ClientSampleId :

PB116873BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.8	6.4	46.4	
105	20.6	0.0	39.8	
51	32.9	14.1	54.1	

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

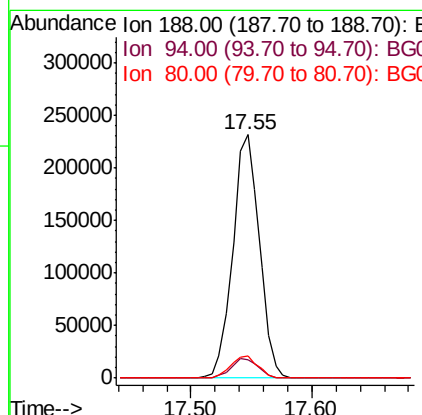
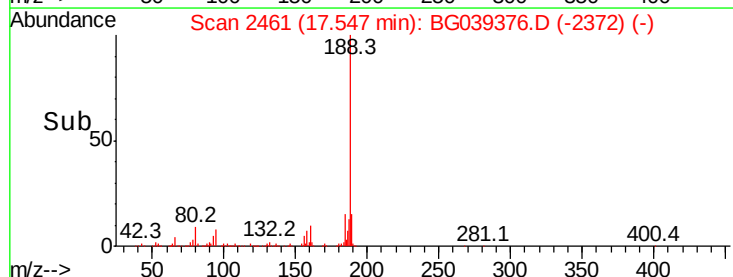
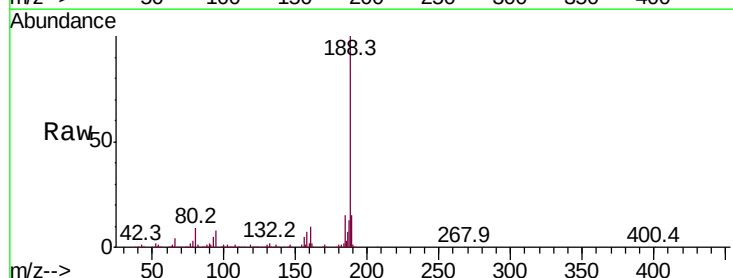
RT: 17.55 min Scan# 2461

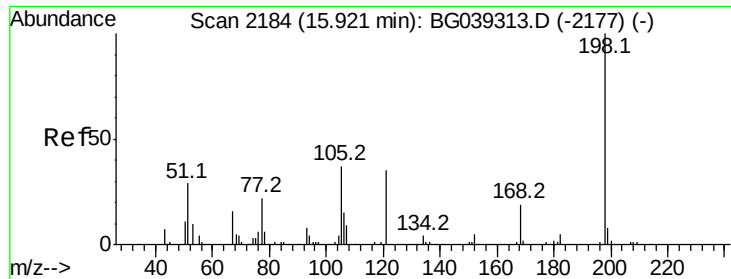
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.7	6.9	10.3	
80	9.2	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 49.950 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB116873BS

Tot Ion:198 Resp: 70971

Ion Ratio Lower Upper

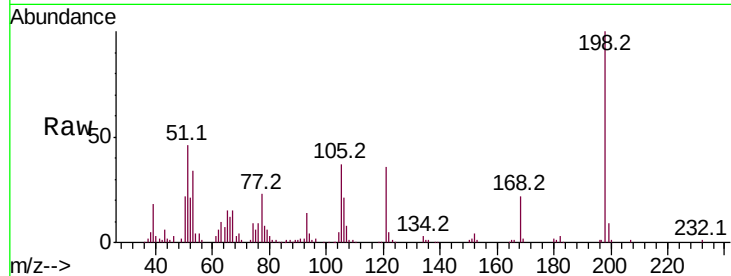
198 100

51 46.4 27.4 67.4

105 37.4 19.7 59.7

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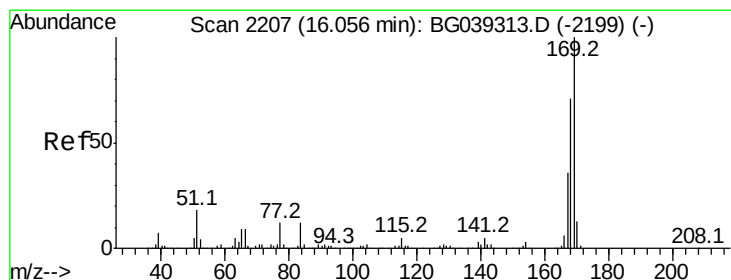
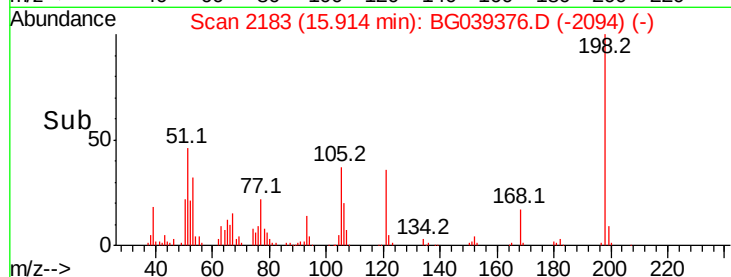
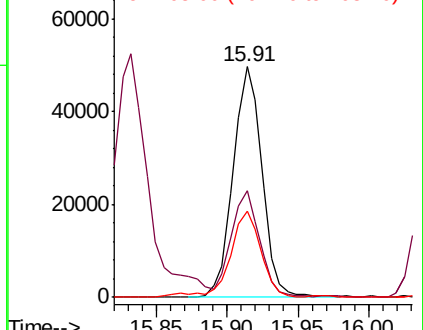
mohammad
2/7/2019 8:40:57 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.997 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

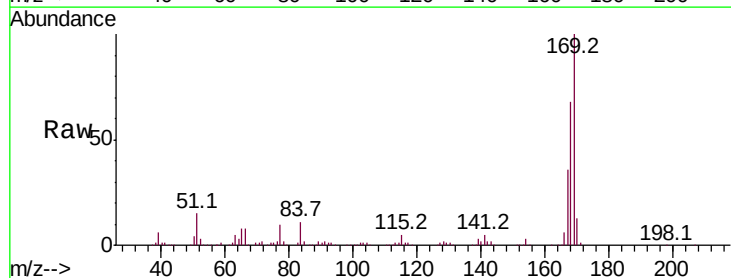
Tgt Ion:169 Resp: 409912

Ion Ratio Lower Upper

169 100

168 67.9 56.6 85.0

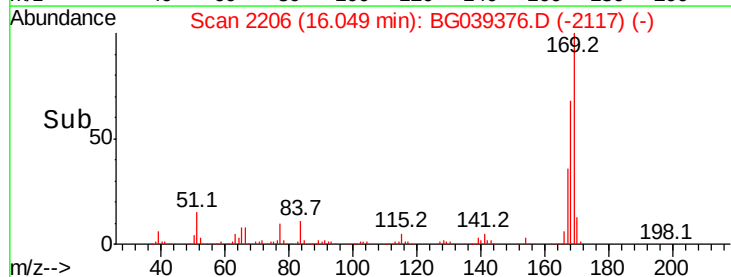
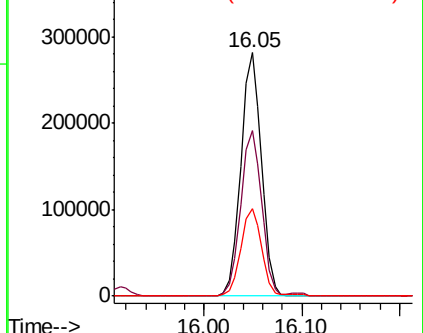
167 36.0 28.8 43.2

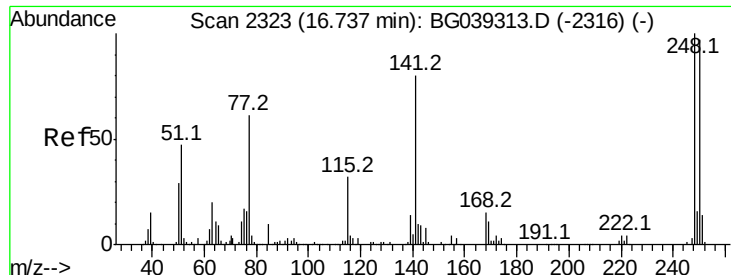


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





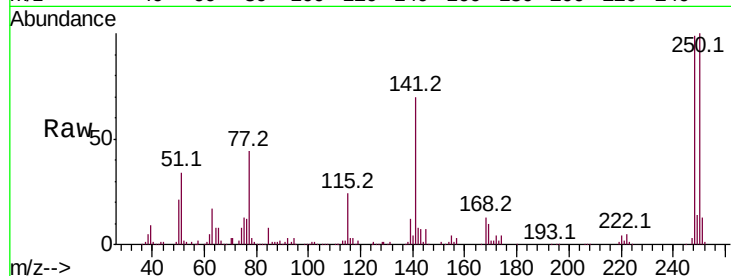
#67
4-Bromophenyl-phenylether
Concen: 39.653 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.6	116.4
141	70.4	63.9	95.9

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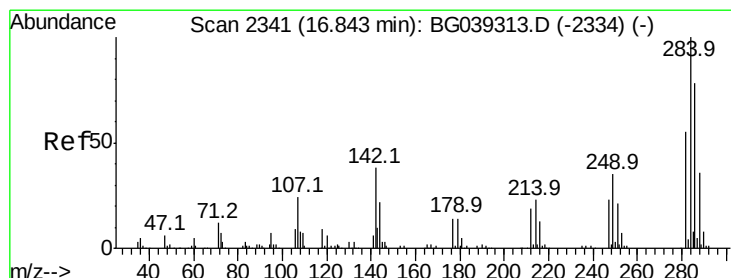
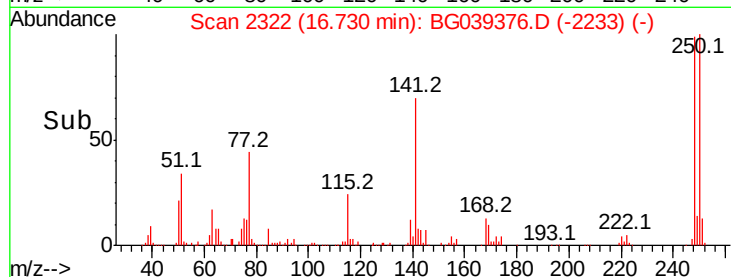
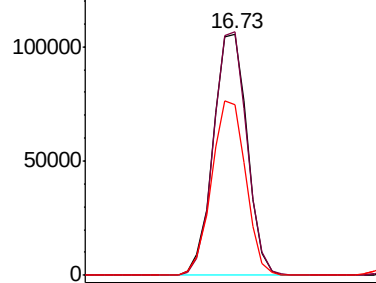


Abundance

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: 41.106 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

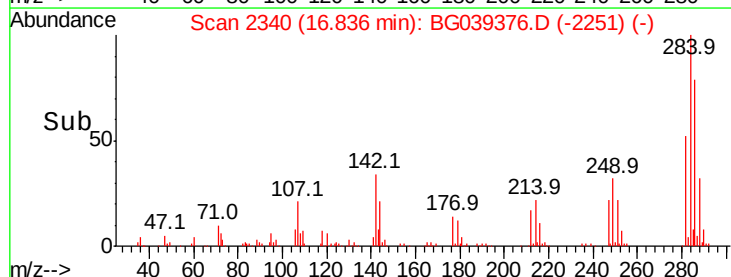
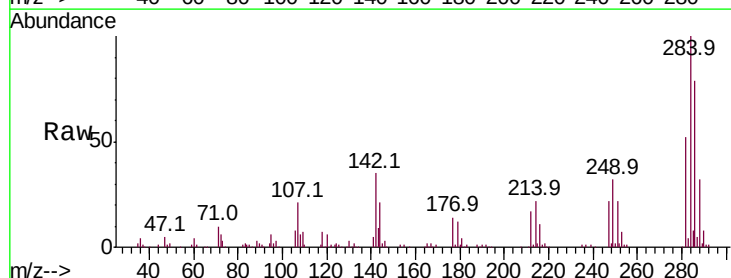
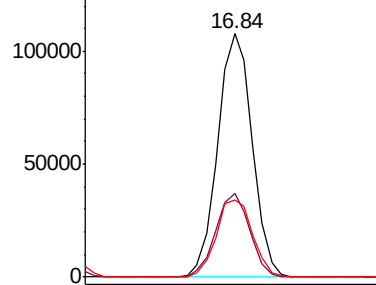
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	30.6	45.8
249	31.9	28.2	42.2

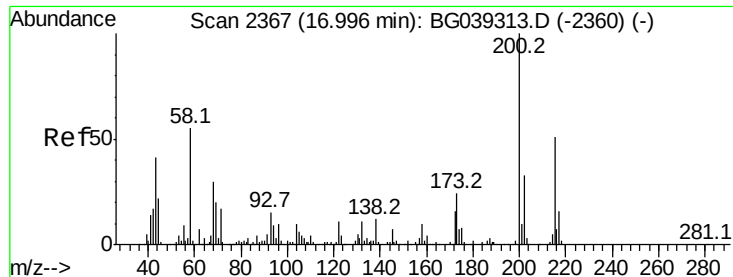
Abundance

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





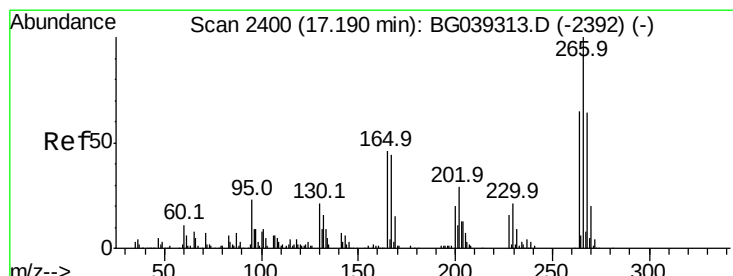
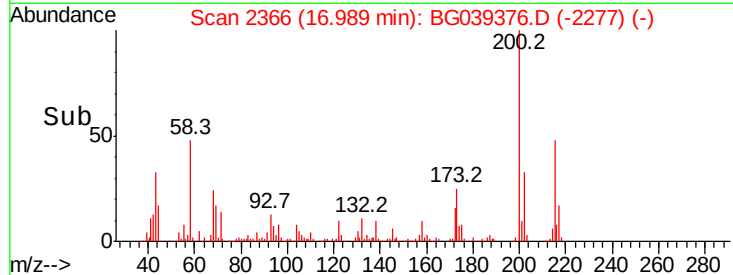
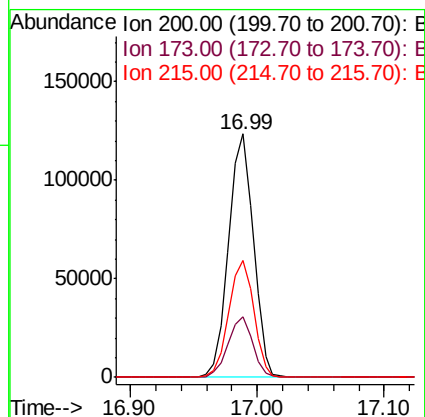
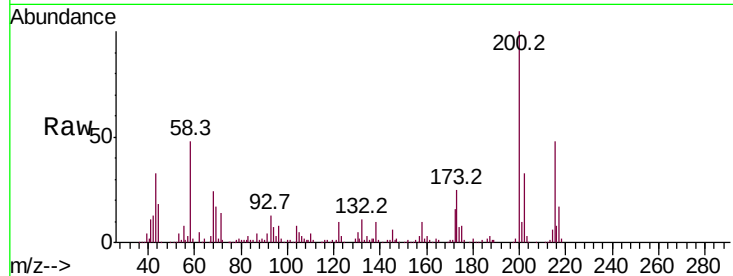
#69
Atrazine
Concen: 42.335 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	3.9	43.9
215	48.0	30.9	70.9

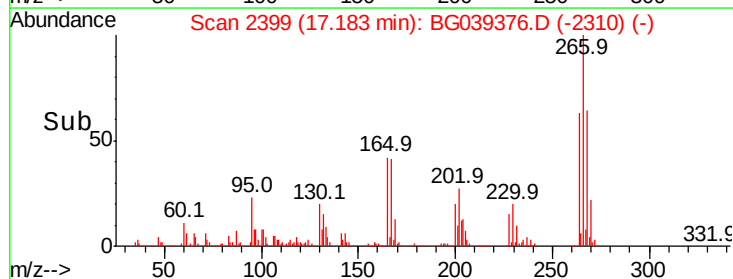
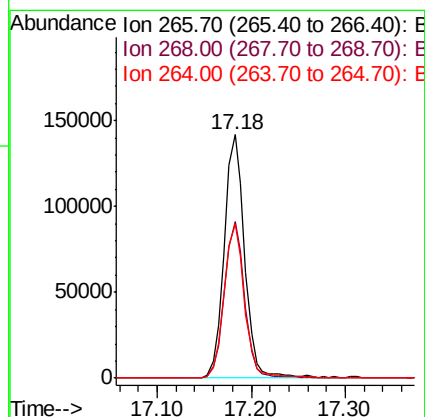
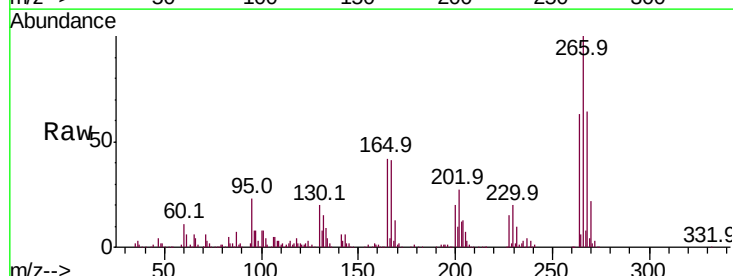
Manual Integrations
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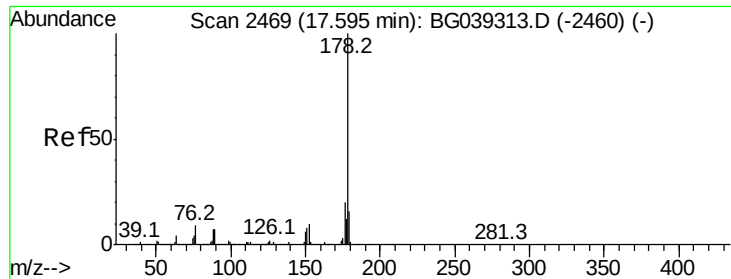
mohammad
2/7/2019 8:40:57 AM



#70
Pentachlorophenol
Concen: 78.606 ng
RT: 17.18 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.3	51.1	76.7
264	63.1	52.1	78.1





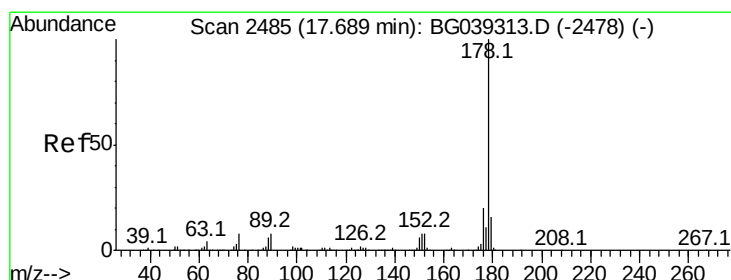
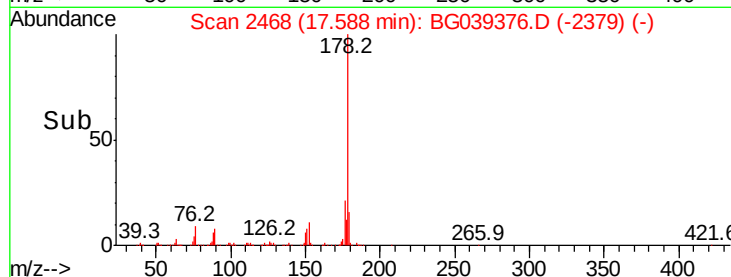
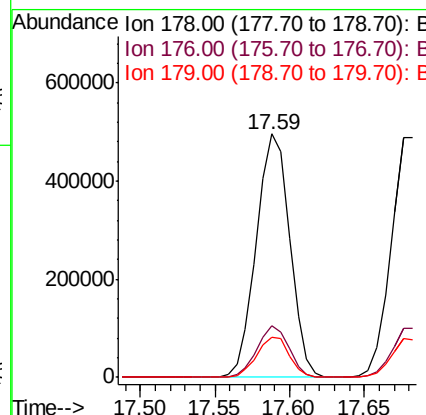
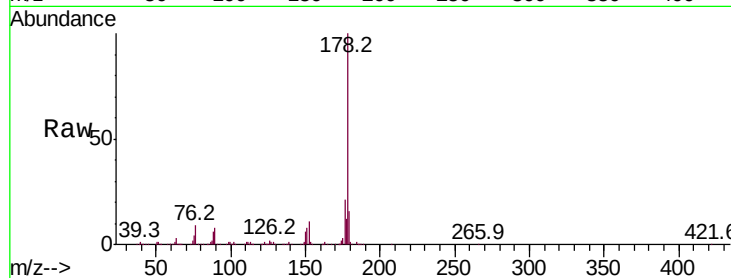
#71
Phenanthrene
Concen: 41.804 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.3	12.6	19.0

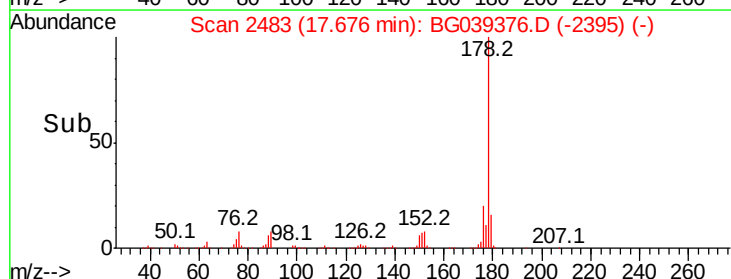
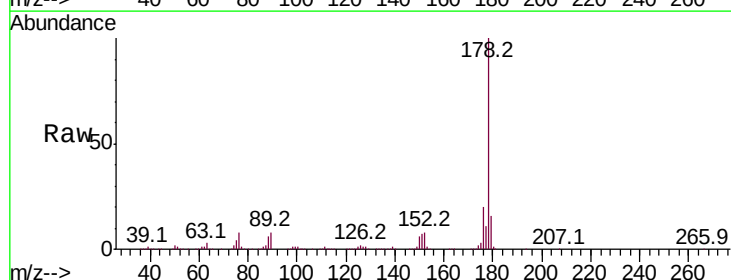
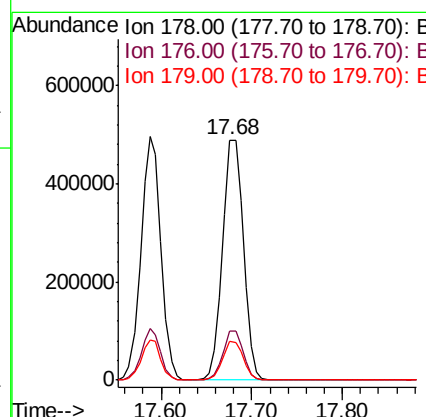
Manual Integrations
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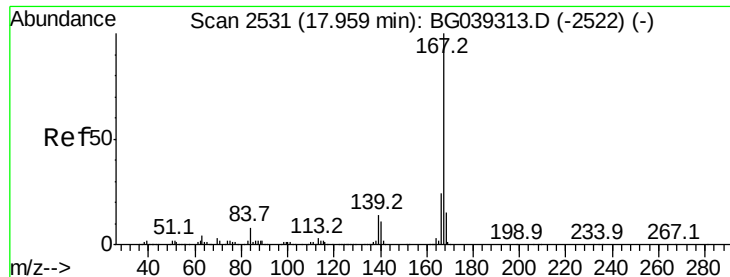
mohammad
2/7/2019 8:40:57 AM



#72
Anthracene
Concen: 43.155 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.1	12.5	18.7





#73

Carbazole

Concen: 38.690 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

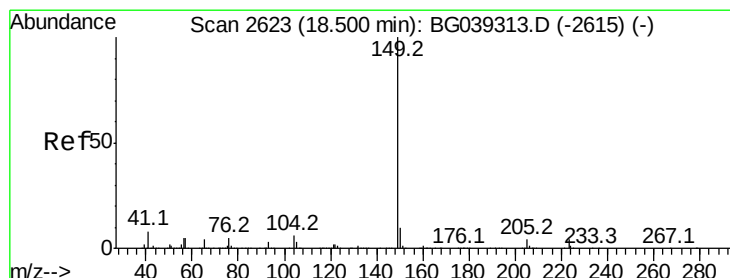
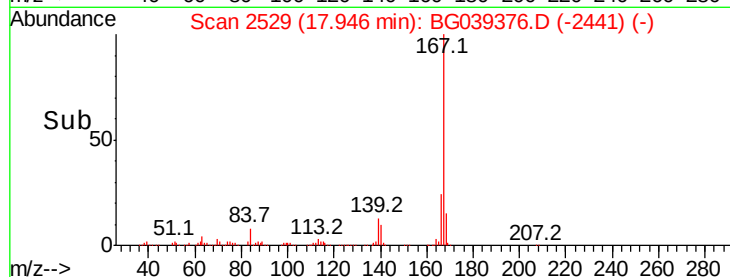
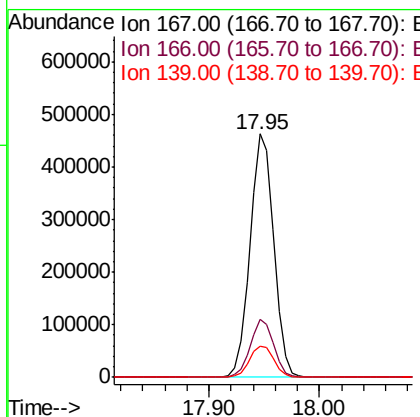
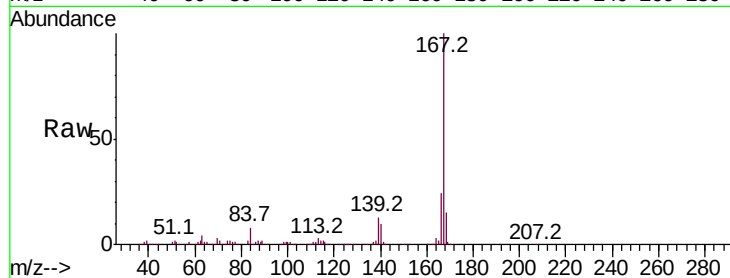
ClientSampleId :

PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	698405		
166	23.9		19.4	29.2
139	12.9		10.8	16.2

Manual Integrations
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2/7/2019 8:40:57 AM



#74

Di-n-butylphthalate

Concen: 40.341 ng

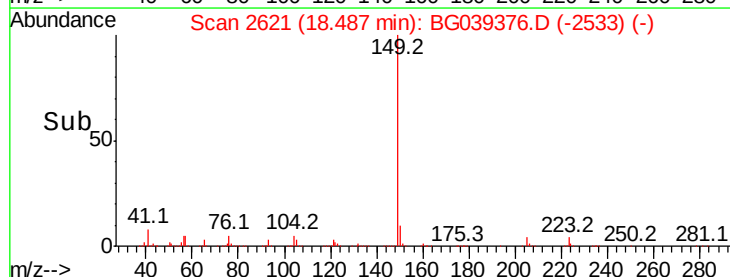
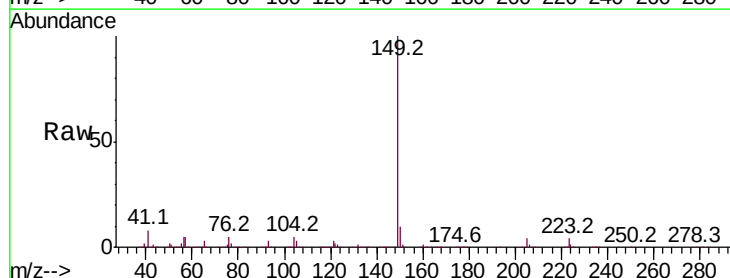
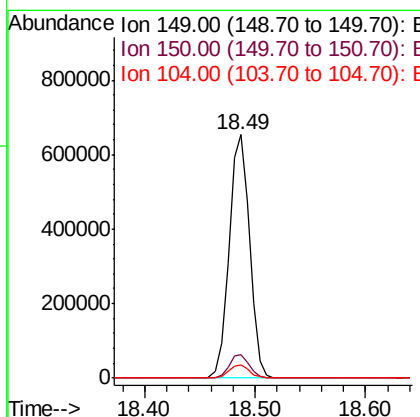
RT: 18.49 min Scan# 2621

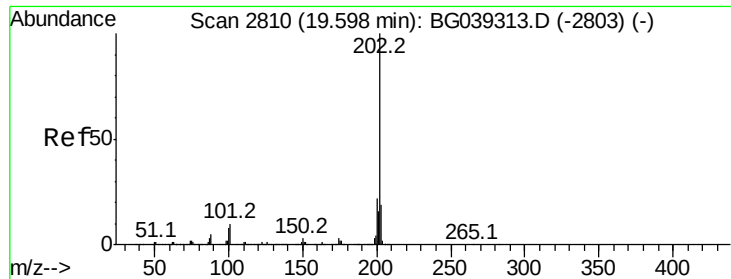
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	849551		
150	9.7		7.7	11.5
104	5.2		4.5	6.7





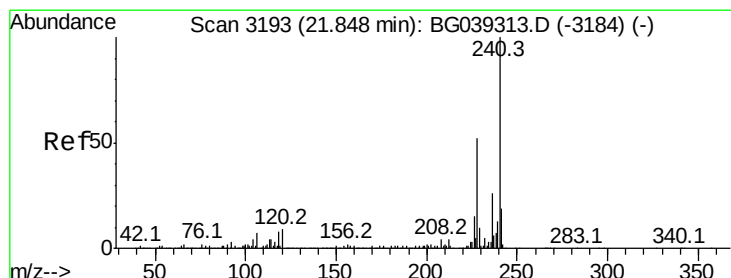
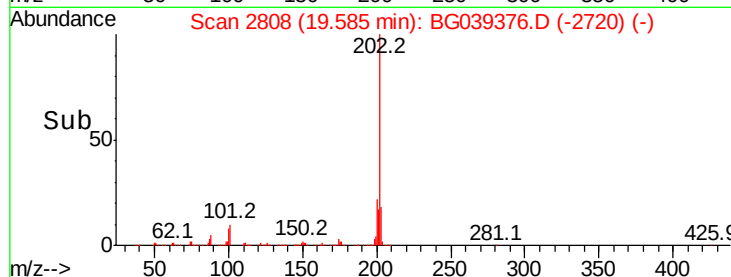
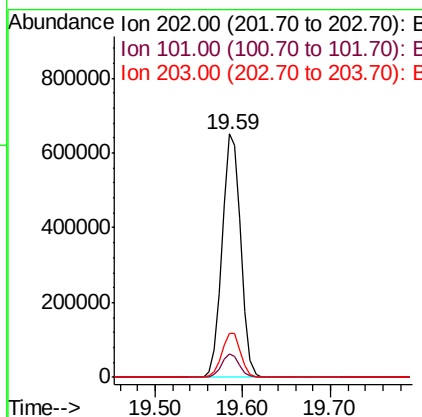
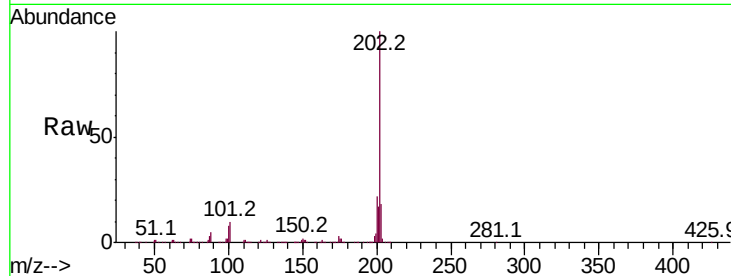
#75
Fluoranthene
Concen: 44.827 ng
RT: 19.59 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.0
203	18.3	0.0	38.9

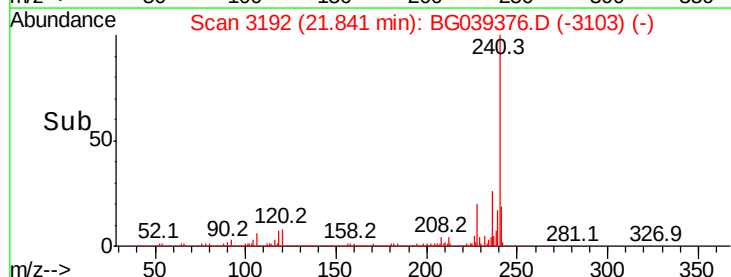
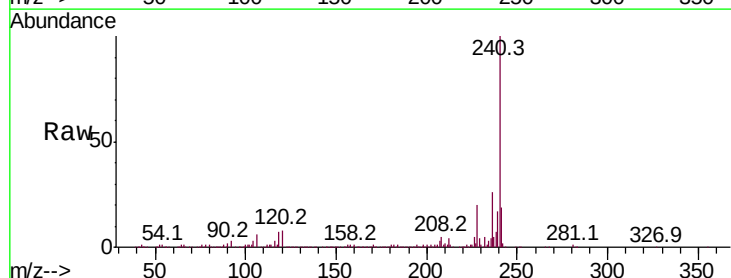
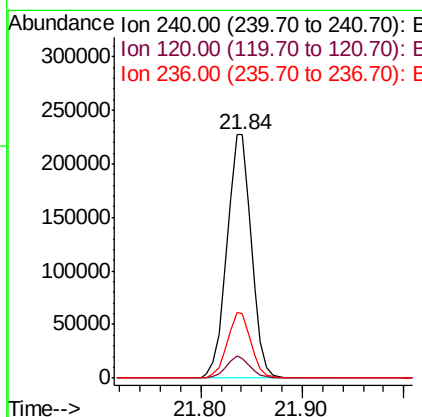
Manual Integrations
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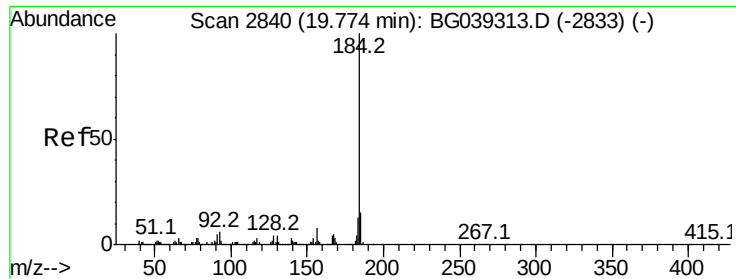
mohammad
2/7/2019 8:40:57 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.84 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.8	7.0	10.6
236	26.4	21.0	31.4





#77

Benzidine

Concen: 29.032 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

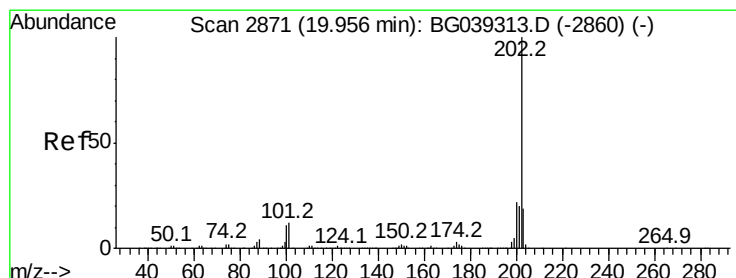
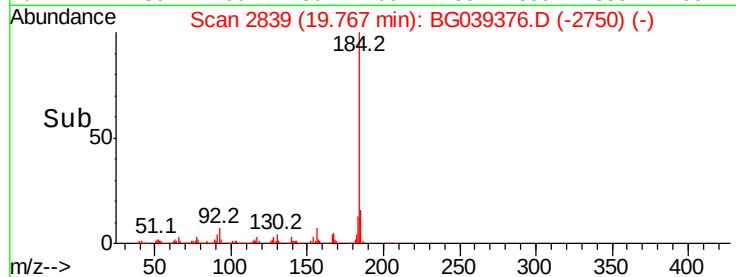
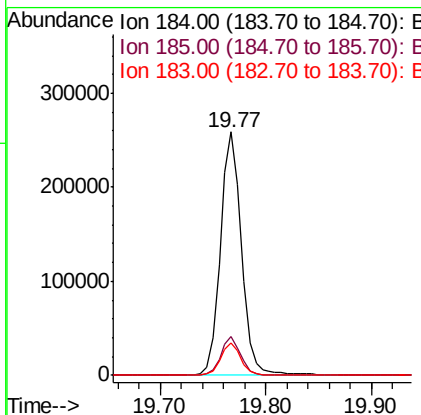
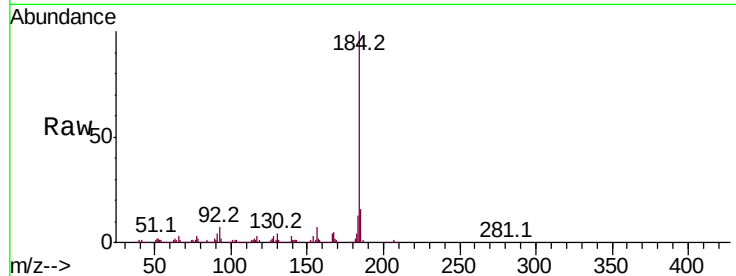
ClientSampleId :

PB116873BS

Tot Ion:	184	Resp:	359369
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.2	18.2
183	13.4	10.6	15.8

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#78

Pyrene

Concen: 40.504 ng

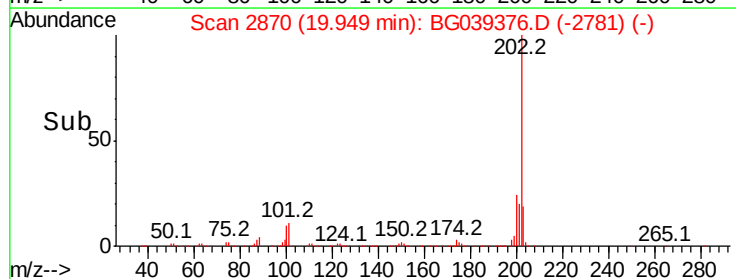
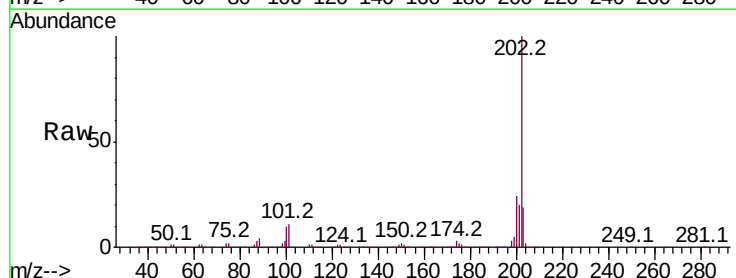
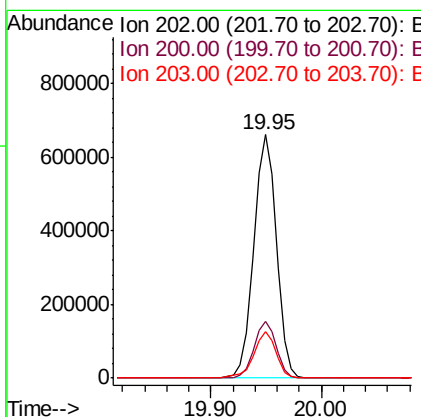
RT: 19.95 min Scan# 2870

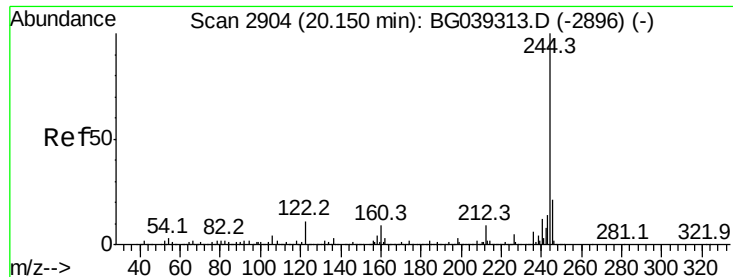
Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion:	202	Resp:	951979
Ion Ratio	Lower	Upper	
202	100		
200	23.5	17.8	26.8
203	19.2	15.3	22.9





#79

Terphenyl-d14

Concen: 79.039 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

ClientSampleId :

PB116873BS

Tot Ion:244 Resp: 1409813

Ion Ratio Lower Upper

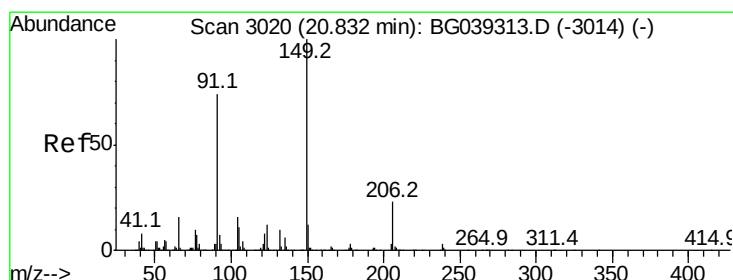
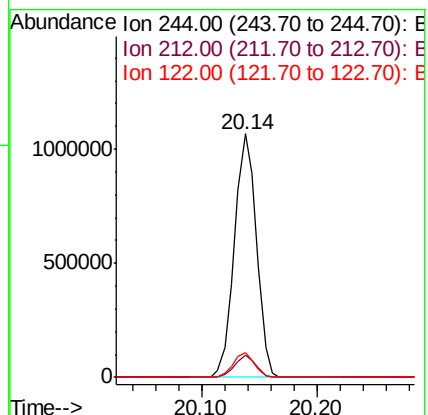
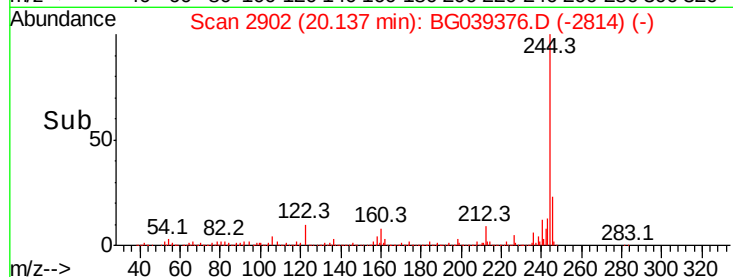
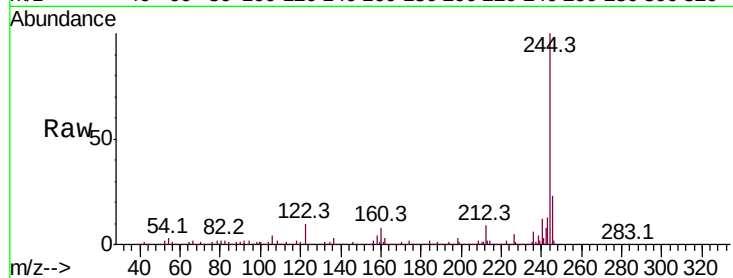
244 100

212 9.2 7.3 10.9

122 10.1 8.4 12.6

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#80

Butylbenzylphthalate

Concen: 40.609 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

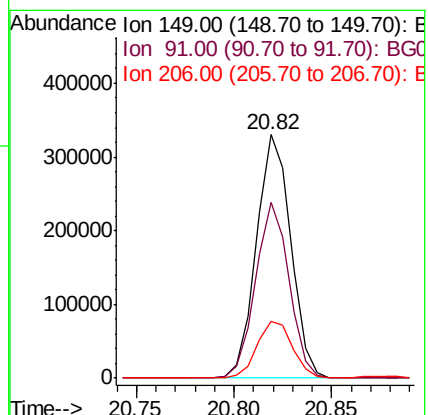
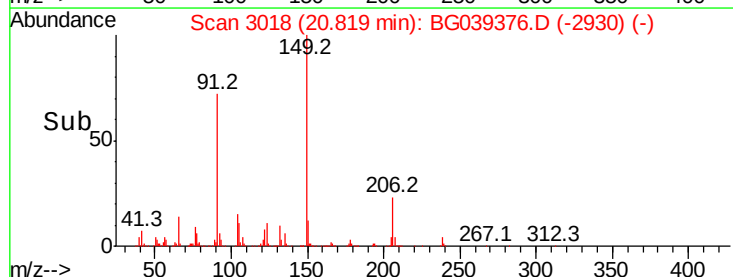
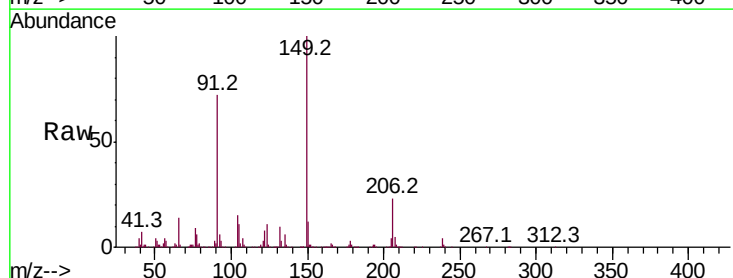
Tgt Ion:149 Resp: 402629

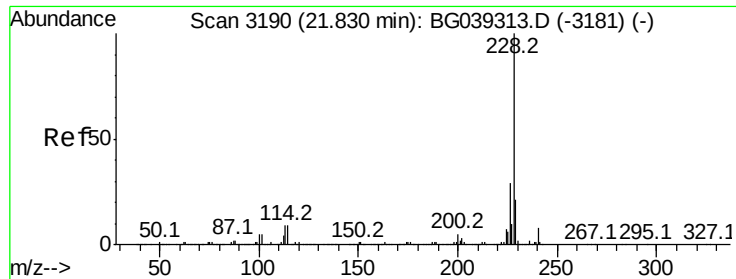
Ion Ratio Lower Upper

149 100

91 72.2 59.5 89.3

206 23.1 18.6 27.8





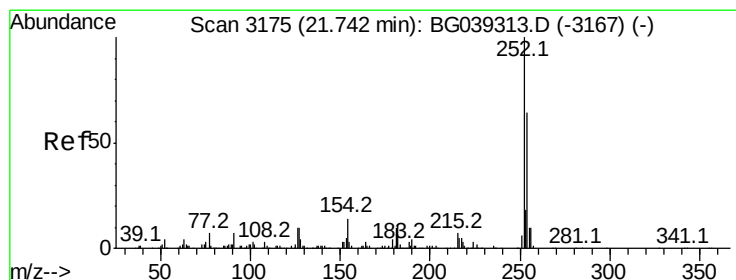
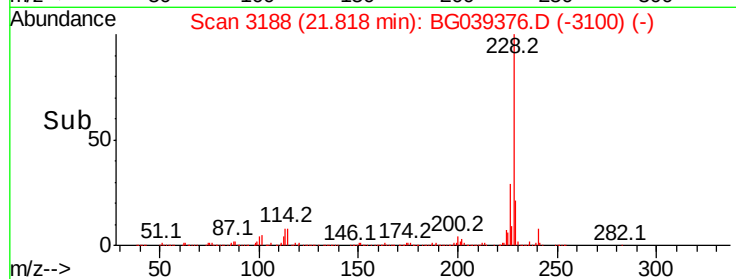
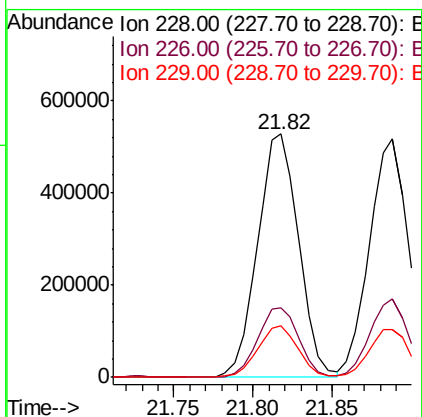
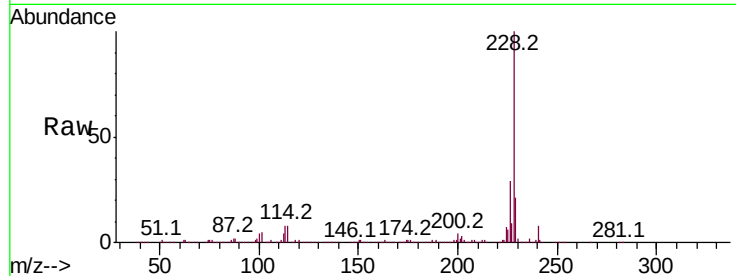
#81
Benzo(a)anthracene
Concen: 42.577 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	21.1	16.9	25.3

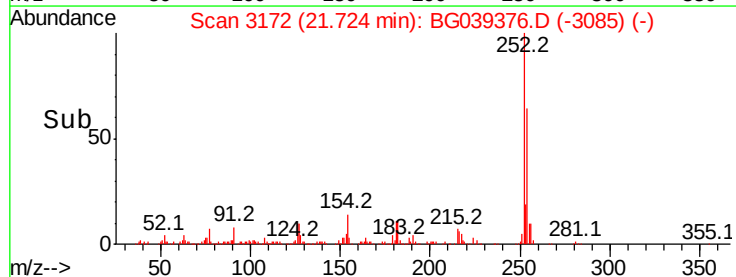
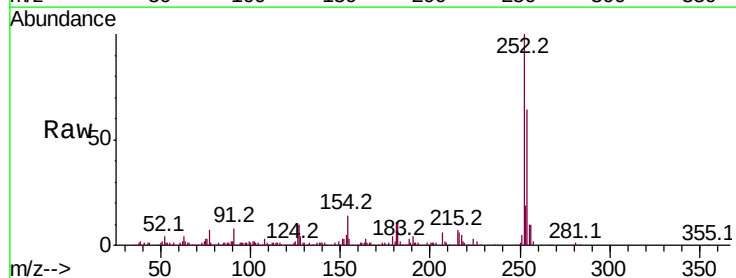
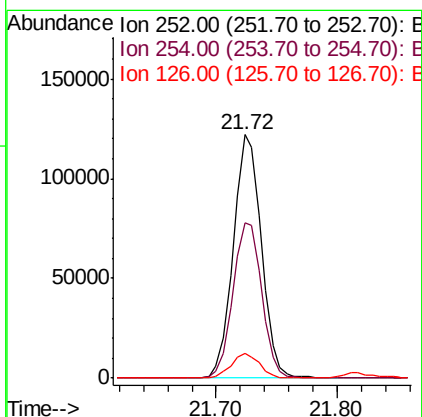
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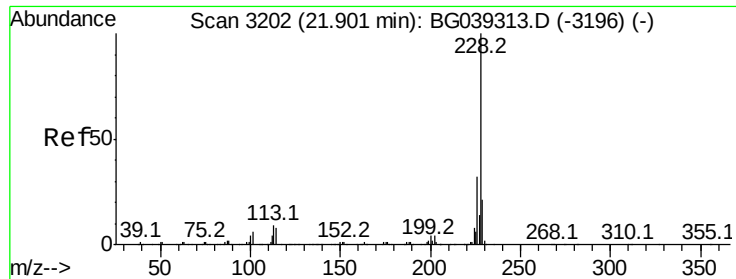
mohammad
2/7/2019 8:40:57 AM



#82
3,3'-Dichlorobenzidine
Concen: 23.917 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.02 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	9.9	8.0	12.0





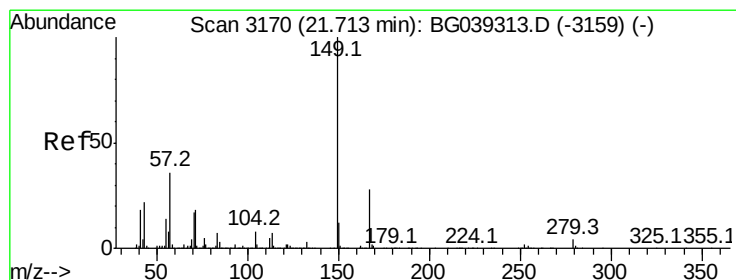
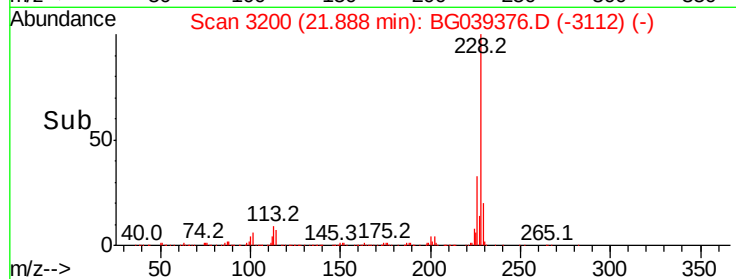
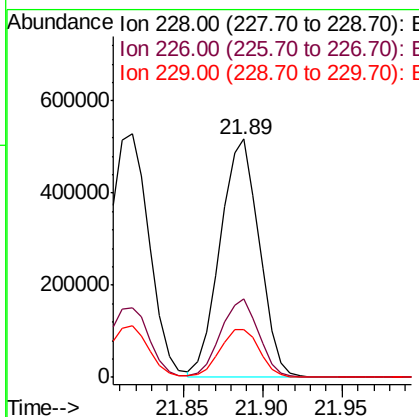
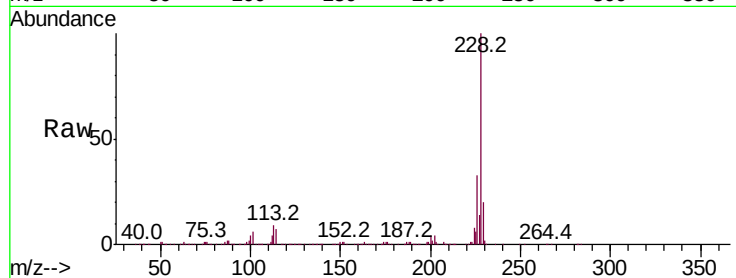
#83
Chrysene
Concen: 41.537 ng
RT: 21.89 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.8	38.6
229	20.3	16.6	25.0

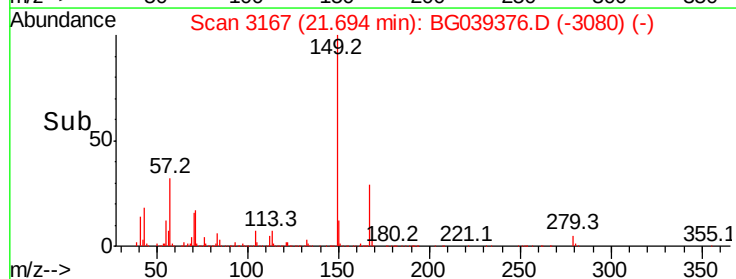
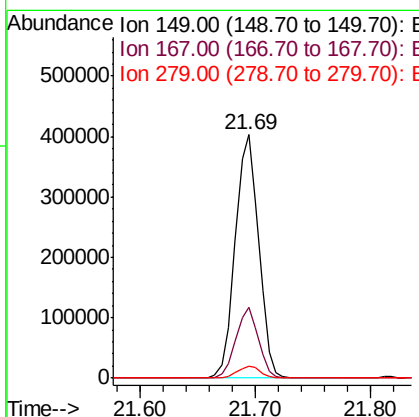
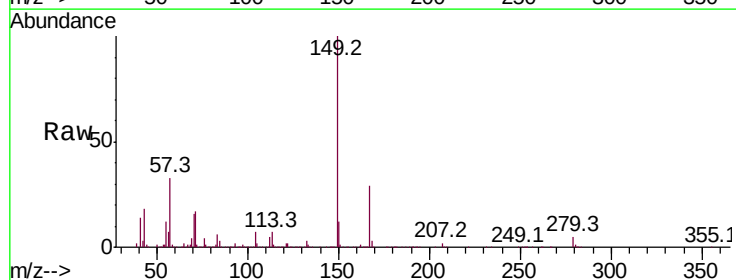
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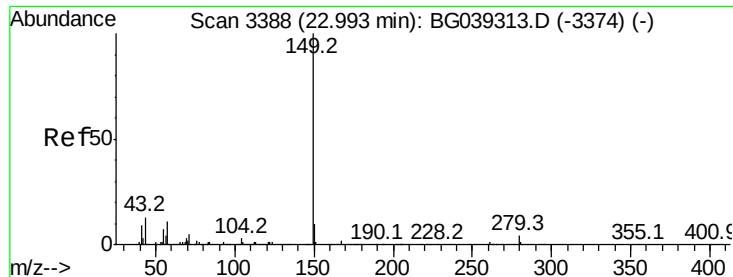
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.837 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	34.0
279	4.8	3.5	5.3





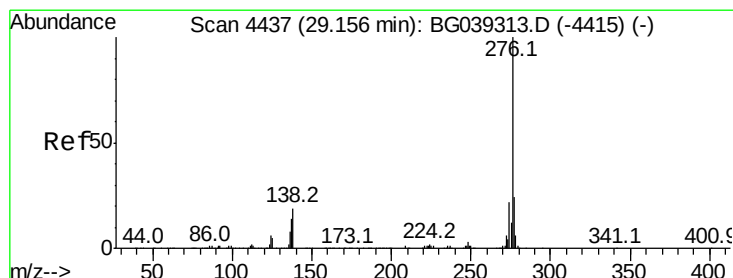
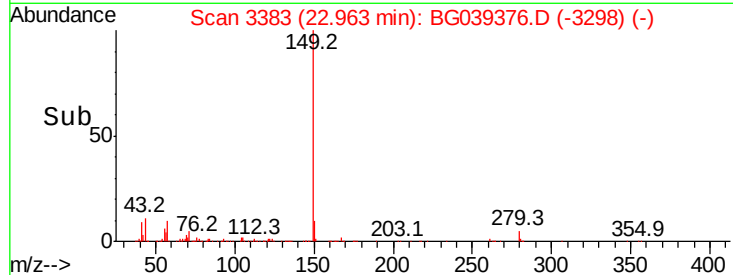
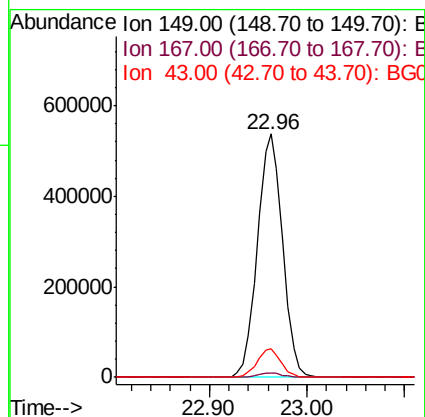
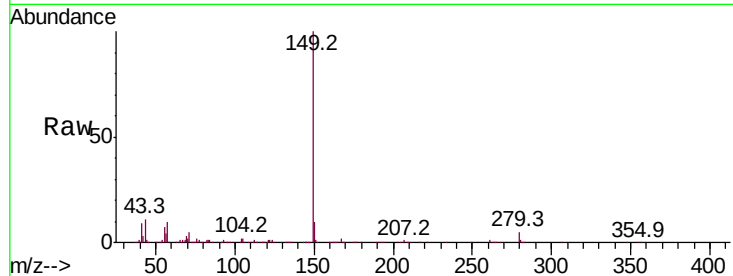
#85
Di-n-octyl phthalate
Concen: 41.578 ng
RT: 22.96 min Scan# 3383
Delta R.T. -0.03 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.4	10.2	15.4	

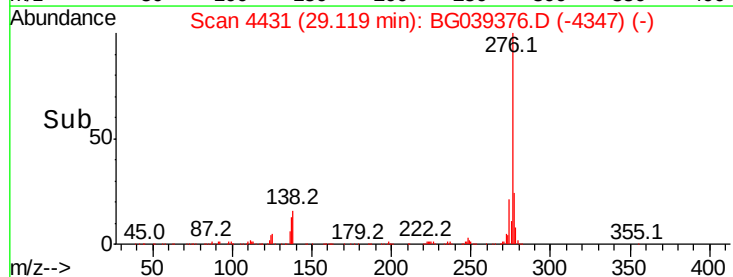
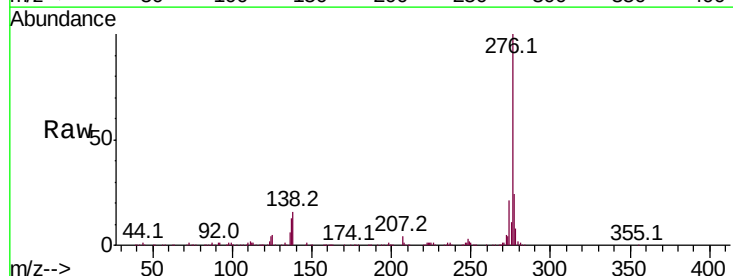
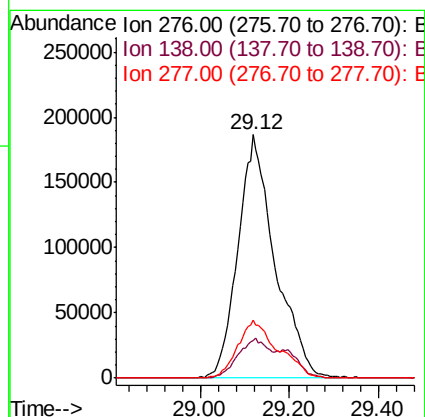
Manual Integrations
APPROVED

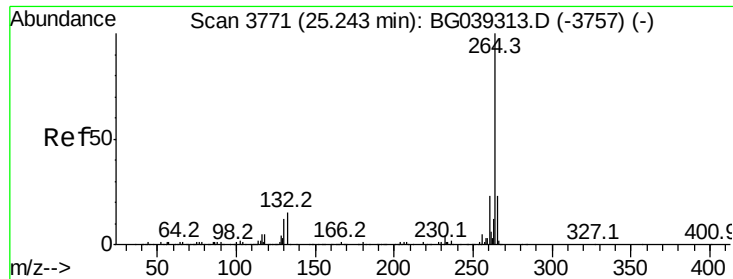
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.095 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	13.9	12.6	19.0	
277	25.7	20.8	31.2	





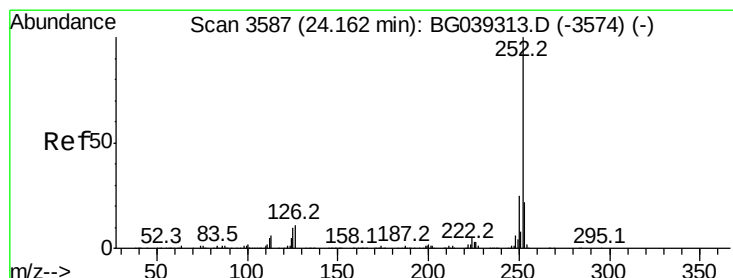
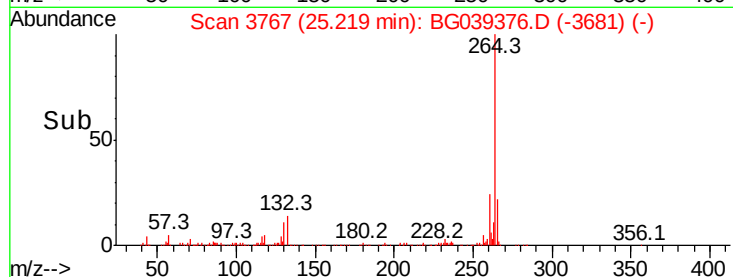
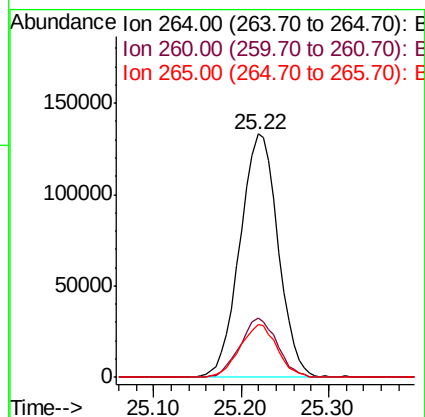
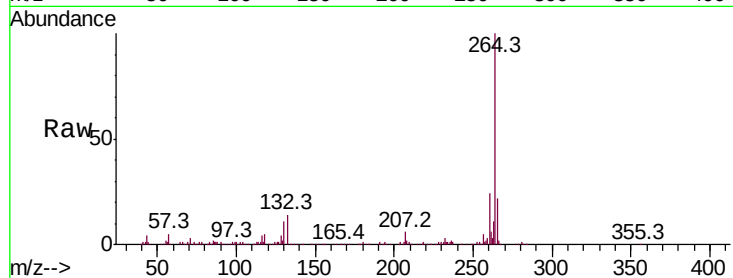
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampleId :
PB116873BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.6	18.5	27.7

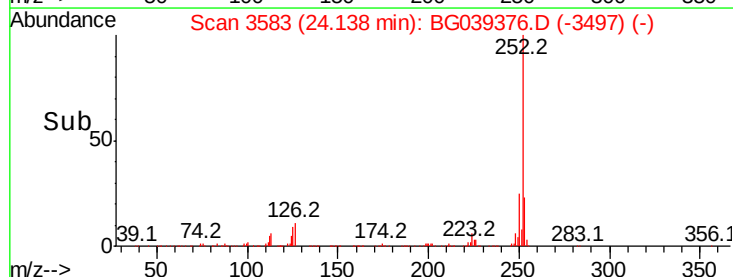
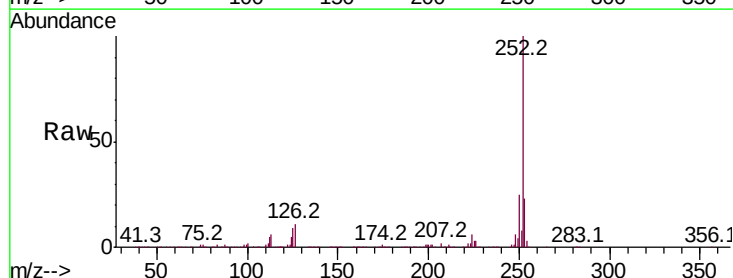
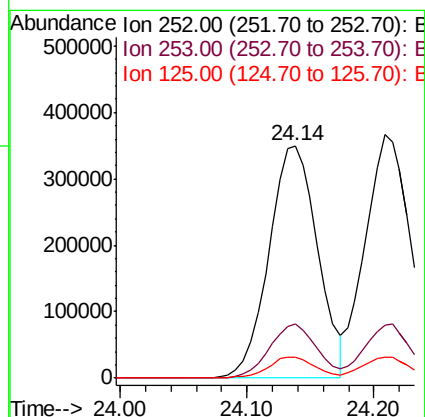
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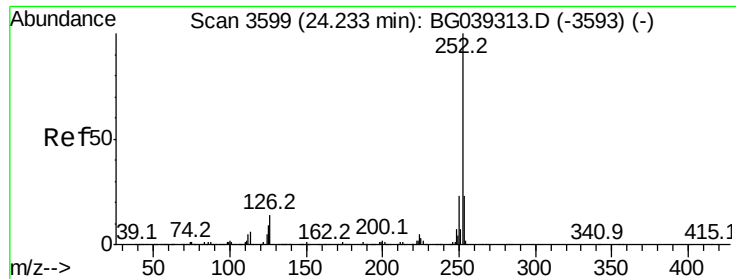
mohammad
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#88
Benzo(b)fluoranthene
Concen: 43.496 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.02 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	8.8	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 42.070 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Instrument :

BNA_G

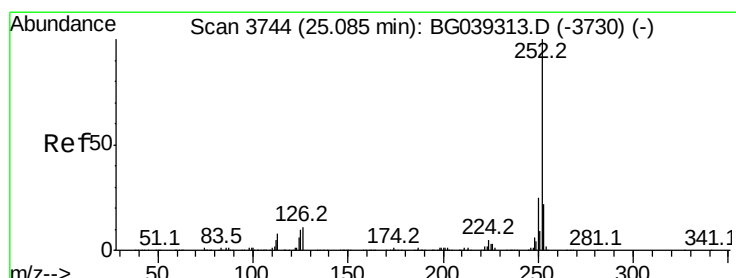
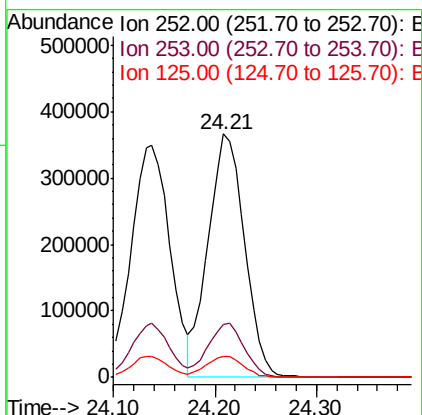
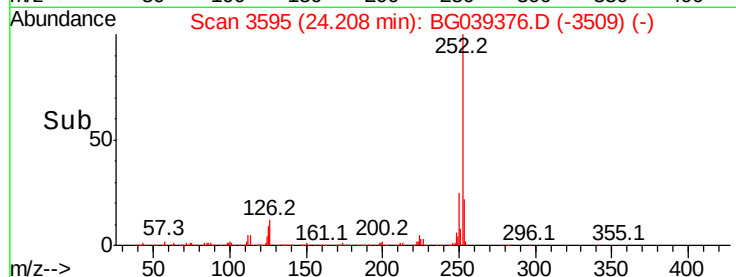
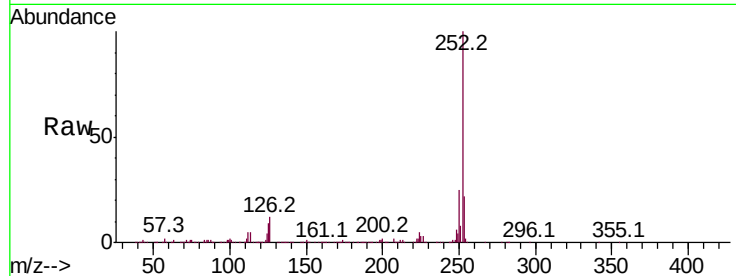
ClientSampleId :

PB116873BS

Tot Ion:	252	Resp:	907448
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.2
125	8.7	7.4	11.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 43.957 ng

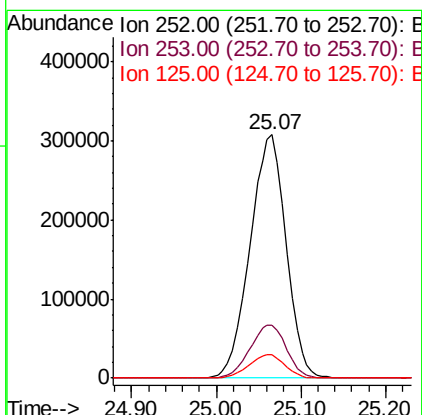
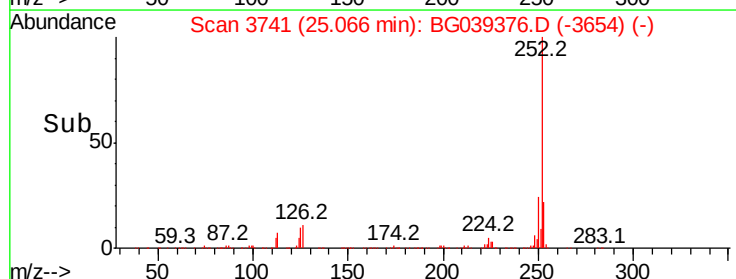
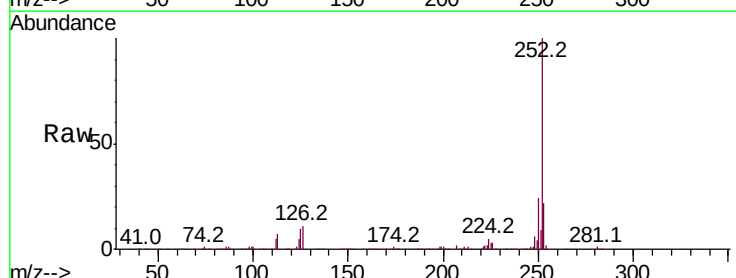
RT: 25.07 min Scan# 3741

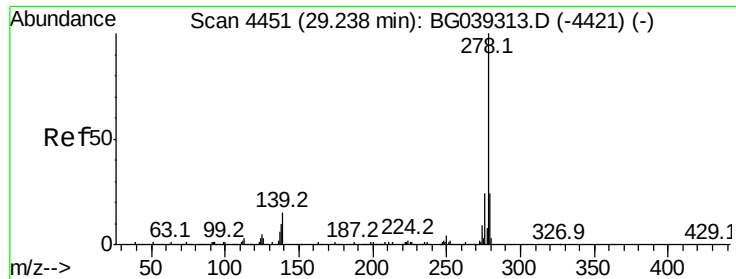
Delta R.T. -0.02 min

Lab File: BG039376.D

Acq: 6 Feb 2019 18:35

Tgt Ion:	252	Resp:	909516
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.9	26.9
125	9.8	8.3	12.5





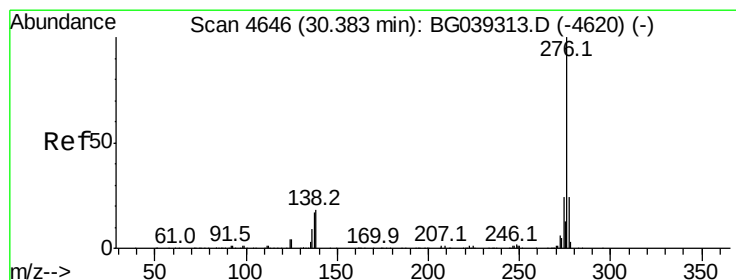
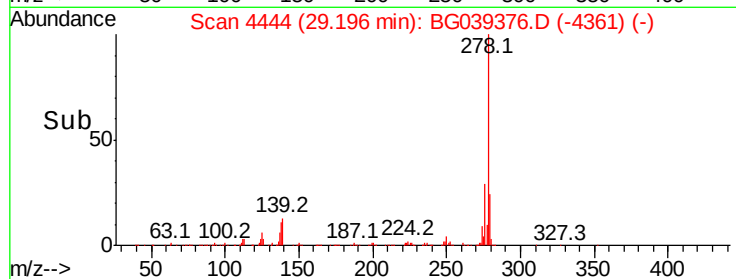
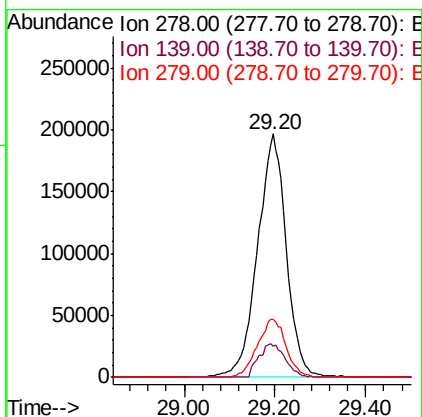
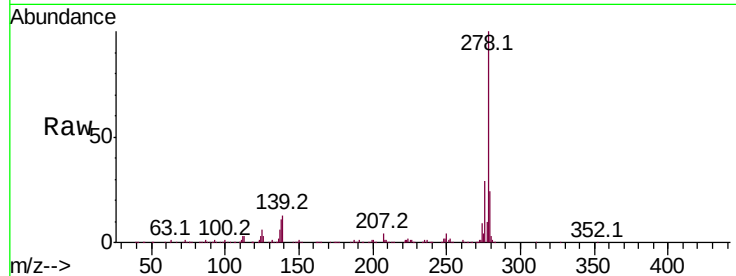
#91
Dibenzo(a,h)anthracene
Concen: 44.747 ng
RT: 29.20 min Scan# 4444
Delta R.T. -0.04 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Instrument :
BNA_G
ClientSampled :
PB116873BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	11.7	17.5
279	23.9	19.1	28.7

Manual Integrations
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2/7/2019 8:40:57 AM



#92
Benzo(g,h,i)perylene
Concen: 45.818 ng
RT: 30.35 min Scan# 4640
Delta R.T. -0.04 min
Lab File: BG039376.D
Acq: 6 Feb 2019 18:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	16.9	14.7	22.1

