

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020519\
 Data File : BG039363.D
 Acq On : 5 Feb 2019 20:44
 Operator : JU/SJ
 Sample : PB116850BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Manual Integrations
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mohammad
 2/6/2019 9:17:08 AM

Quant Time: Feb 05 23:13:58 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	48216	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	209960	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	138566	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	332820	20.00	ng	0.00
76) Chrysene-d12	21.84	240	363155	20.00	ng	-0.01
87) Perylene-d12	25.22	264	379634	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	454717	161.41	ng	0.00
7) Phenol-d6	7.32	99	637354	153.70	ng	0.00
23) Nitrobenzene-d5	9.36	82	297136	88.41	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	228310	153.01	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	757552	78.43	ng	0.00
79) Terphenyl-d14	20.14	244	1368318	79.75	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.61	88	46834	38.005 ng	95
3) Pyridine	4.01	79	128271	39.315 ng	99
4) n-Nitrosodimethylamine	3.93	42	74277	45.522 ng	90
6) Aniline	7.50	93	152065	29.276 ng	100
8) 2-Chlorophenol	7.74	128	145178	47.145 ng	94
9) Benzaldehyde	7.31	77	78574	37.185 ng	98
10) Phenol	7.34	94	193846	44.844 ng	99
11) bis(2-Chloroethyl)ether	7.60	93	138330	40.498 ng	97
12) 1,3-Dichlorobenzene	8.07	146	150066	40.227 ng	97
13) 1,4-Dichlorobenzene	8.21	146	154588	41.576 ng	99
14) 1,2-Dichlorobenzene	8.54	146	145297	40.365 ng	99
15) Benzyl Alcohol	8.41	79	135155	41.515 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	292013	37.857 ng	98
17) 2-Methylphenol	8.61	107	127170	45.461 ng	97
18) Hexachloroethane	9.26	117	54625	42.702 ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	109377	37.162 ng	97
20) 3+4-Methylphenols	8.94	107	171170	44.435 ng	97
22) Acetophenone	9.01	105	213969	37.939 ng	97
24) Nitrobenzene	9.40	77	161813	44.566 ng	99
25) Isophorone	9.92	82	315493	42.361 ng	99
26) 2-Nitrophenol	10.11	139	63454	45.517 ng	97
27) 2,4-Dimethylphenol	10.15	122	149369	49.578 ng	96
28) bis(2-Chloroethoxy)methane	10.40	93	191753	41.800 ng	99
29) 2,4-Dichlorophenol	10.63	162	149794	45.492 ng	99
30) 1,2,4-Trichlorobenzene	10.86	180	154994	41.927 ng	97
31) Naphthalene	11.06	128	450725	43.272 ng	100
32) Benzoic acid	10.23	122	27004	20.136 ng	90
33) 4-Chloroaniline	11.16	127	94767	19.622 ng	98
34) Hexachlorobutadiene	11.31	225	99882	40.628 ng	93
35) Caprolactam	11.94	113	47921m	35.170 ng	
36) 4-Chloro-3-methylphenol	12.25	107	159777	41.957 ng	98
37) 2-Methylnaphthalene	12.64	142	334230	43.324 ng	95
38) 1-Methylnaphthalene	12.86	142	322046	43.306 ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	179545	40.725 ng	98

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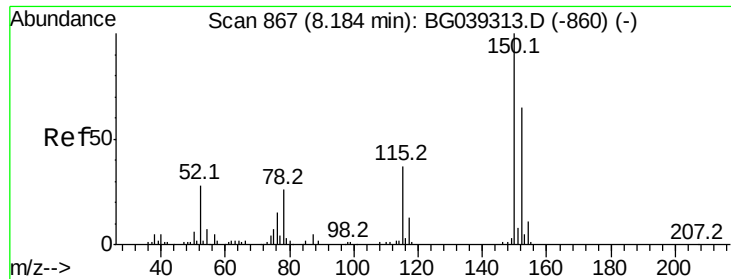
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	232947	96.964	nq	99
43) 2,4,6-Trichlorophenol	13.24	196	121146	44.691	nq	94
44) 2,4,5-Trichlorophenol	13.31	196	127618	44.919	nq	97
46) 1,1'-Biphenyl	13.64	154	452333	39.234	nq	100
47) 2-Chloronaphthalene	13.69	162	348462	40.178	nq	99
48) 2-Nitroaniline	13.89	65	103228	42.568	nq	90
49) Acenaphthylene	14.53	152	558597	42.684	nq	98
50) Dimethylphthalate	14.25	163	447301	39.969	nq	99
51) 2,6-Dinitrotoluene	14.38	165	91356	44.269	nq	98
52) Acenaphthene	14.87	154	345053	40.619	nq	99
53) 3-Nitroaniline	14.71	138	63691	30.608	nq	# 95
54) 2,4-Dinitrophenol	14.91	184	12595	21.897	nq	89
55) Dibenzofuran	15.20	168	550357	40.407	nq	99
56) 4-Nitrophenol	15.00	139	162935	80.485	nq	88
57) 2,4-Dinitrotoluene	15.16	165	125076	46.899	nq	88
58) Fluorene	15.85	166	428557	42.208	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	124009	46.617	nq	99
60) Diethylphthalate	15.60	149	454876	39.312	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	226107	39.329	nq	98
62) 4-Nitroaniline	15.87	138	105051	45.048	nq	91
63) Azobenzene	16.13	77	423253	37.425	nq	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	20942	21.781	nq	92
66) n-Nitrosodiphenylamine	16.05	169	391781	38.714	nq	99
67) 4-Bromophenyl-phenylether	16.73	248	145153	39.313	nq	95
68) Hexachlorobenzene	16.84	284	151113	40.792	nq	99
69) Atrazine	16.99	200	155598	42.074	nq	97
70) Pentachlorophenol	17.18	266	137775	53.512	nq	99
71) Phenanthrene	17.59	178	732599	42.529	nq	100
72) Anthracene	17.68	178	742660	43.770	nq	99
73) Carbazole	17.95	167	671545	39.658	nq	98
74) Di-n-butylphthalate	18.49	149	810655	41.036	nq	99
75) Fluoranthene	19.59	202	912919	45.660	nq	99
77) Benzidine	19.77	184	357233	30.004	nq	99
78) Pyrene	19.95	202	932550	41.250	nq	99
80) Butylbenzylphthalate	20.83	149	382350	40.093	nq	94
81) Benzo(a)anthracene	21.82	228	918540	42.805	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	180462	22.680	nq	98
83) Chrysene	21.89	228	861714	42.185	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	540606	39.735	nq	100
85) Di-n-octyl phthalate	22.96	149	925090	41.157	nq	97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1046875	47.766	nq	99
88) Benzo(b)fluoranthene	24.14	252	909836	43.946	nq	99
89) Benzo(k)fluoranthene	24.21	252	890734	42.853	nq	99
90) Benzo(a)pyrene	25.07	252	896014	44.938	nq	99
91) Dibenzo(a,h)anthracene	29.20	278	856594	45.874	nq	99
92) Benzo(g,h,i)perylene	30.35	276	874105	46.965	nq	98

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



#1

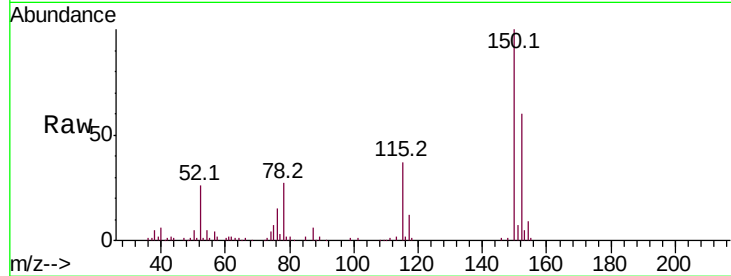
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

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Tot Ion	Ratio	Lower	Upper
152	100		
150	166.0	123.7	185.5
115	61.8	45.9	68.9

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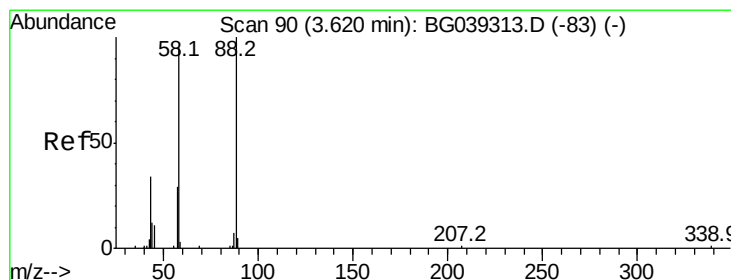
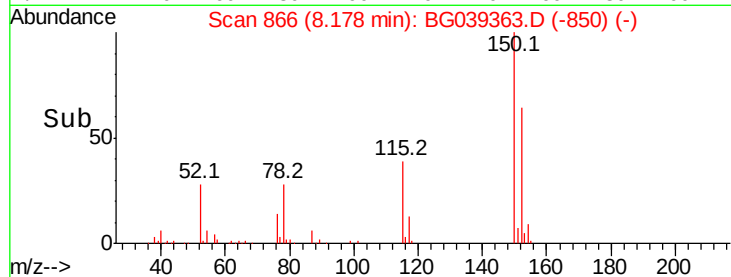
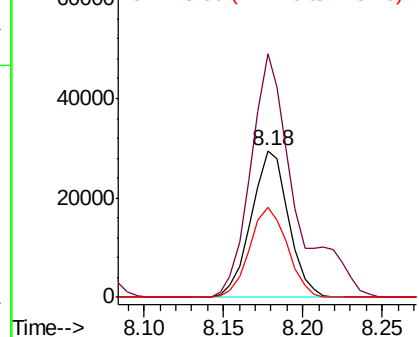


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

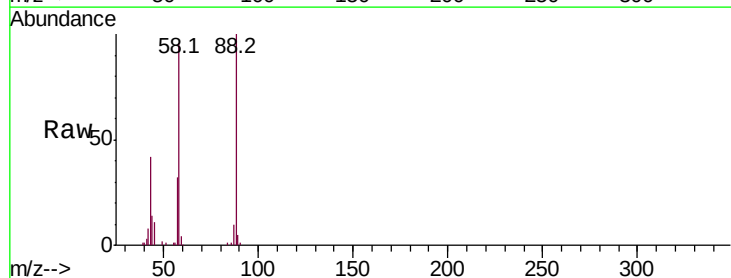
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.005 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.1	81.1	121.7
43	34.5	31.4	47.0

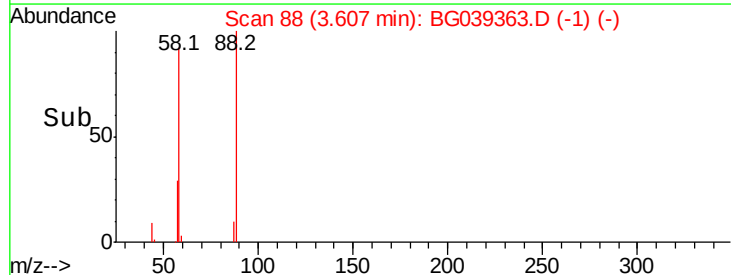
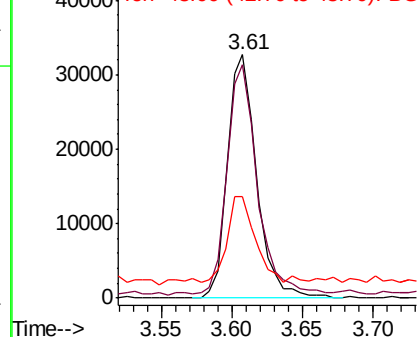


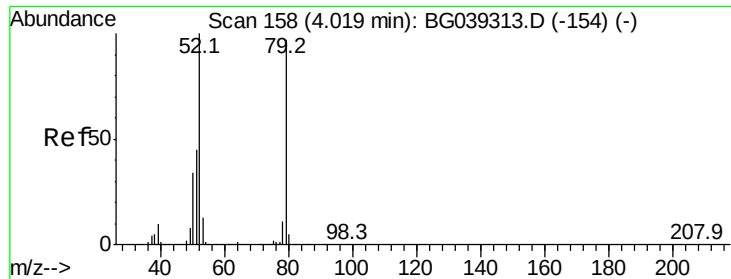
Abundance

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





#3

Pvridine

Concen: 39.315 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

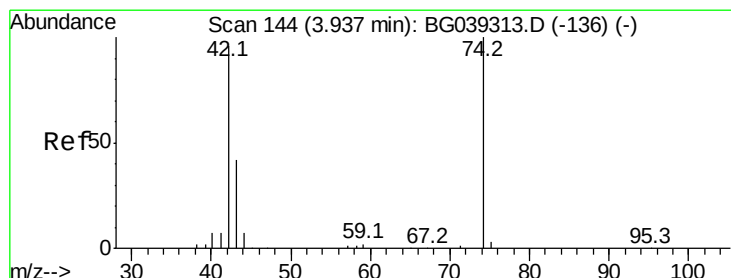
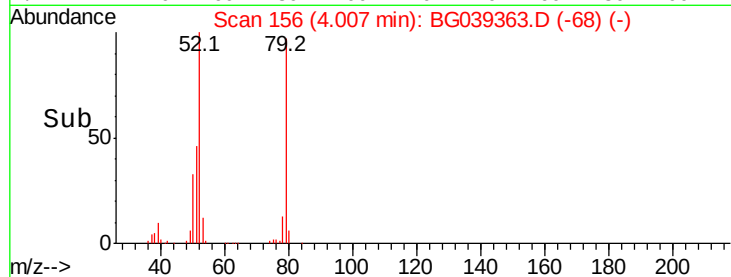
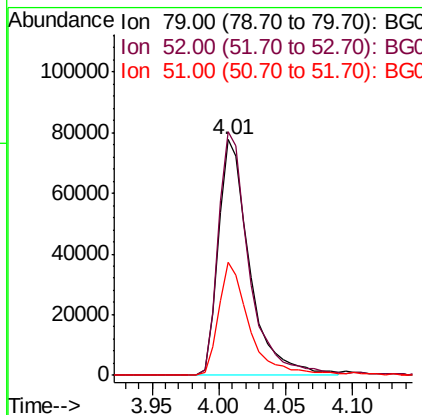
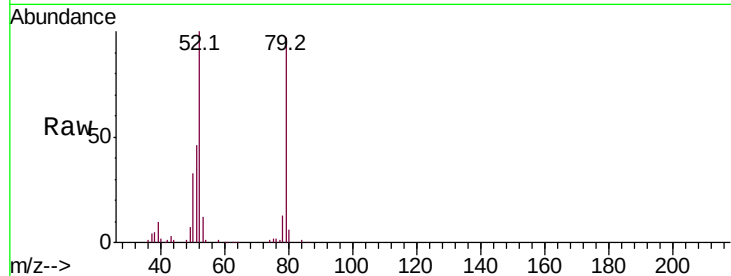
ClientSampleId :

PB116850BS

Tot Ion:	79	Resp:	128271
Ion Ratio	Lower	Upper	
79	100		
52	103.3	82.6	124.0
51	48.0	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 45.522 ng

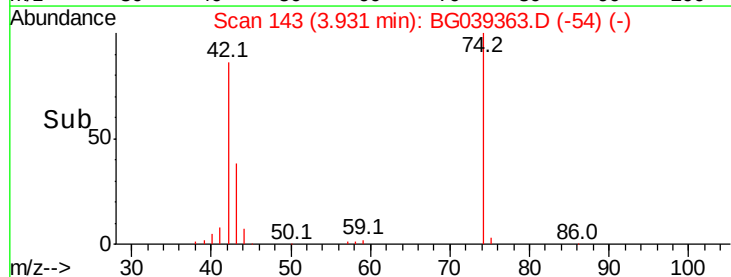
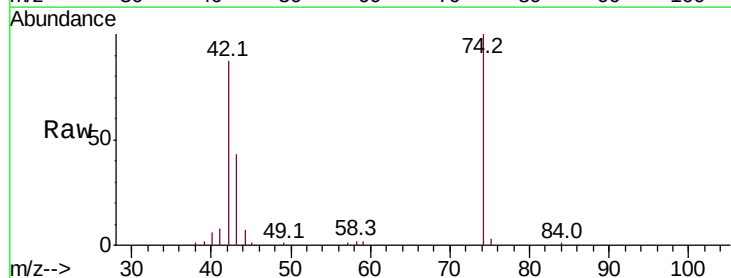
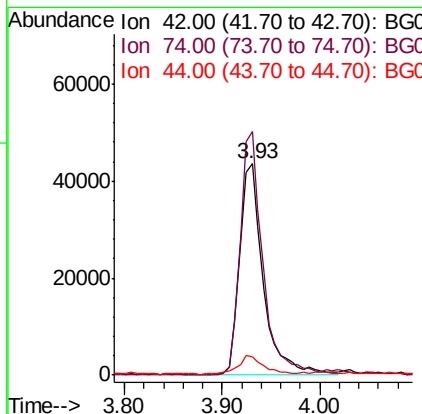
RT: 3.93 min Scan# 143

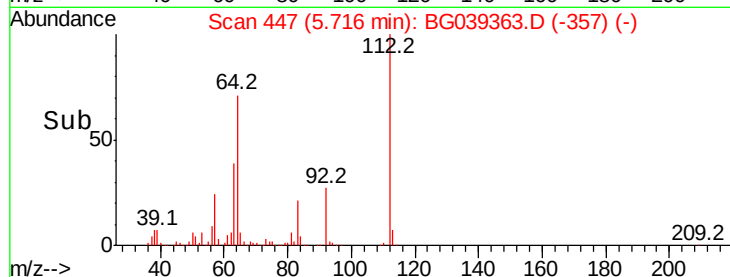
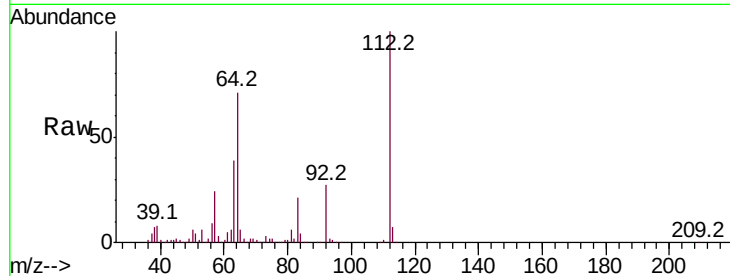
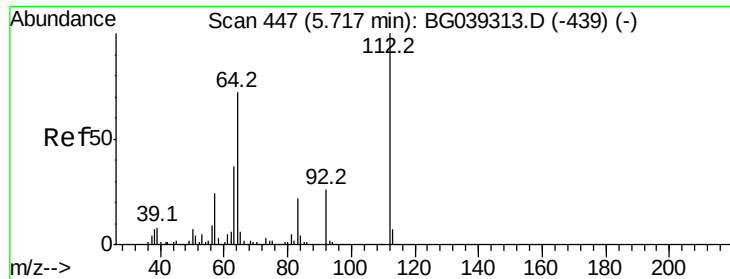
Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	42	Resp:	74277
Ion Ratio	Lower	Upper	
42	100		
74	115.3	83.6	125.4
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 161.410 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tot Ion:	112	Resp:	454717
Ion Ratio	Lower	Upper	
112	100		
64	71.2	57.8	86.8
63	38.5	29.8	44.6

Instrument :

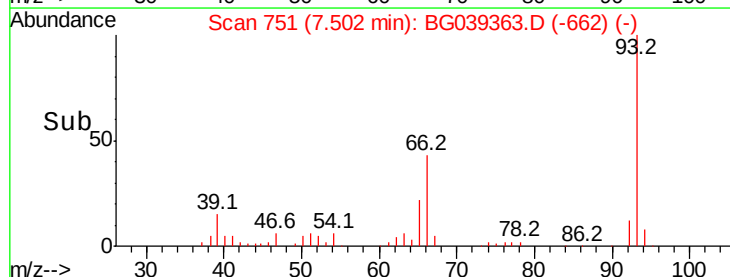
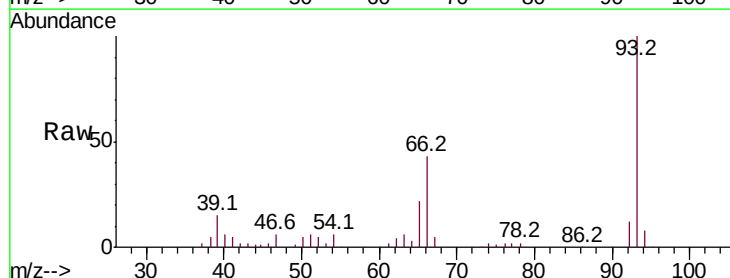
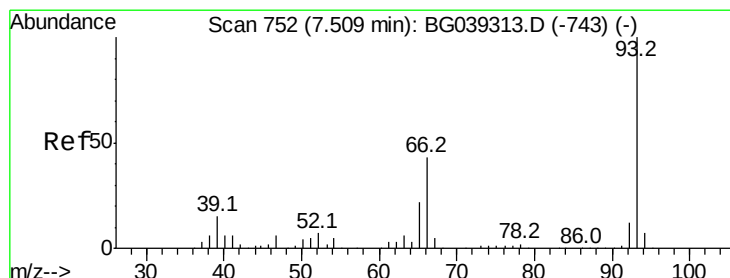
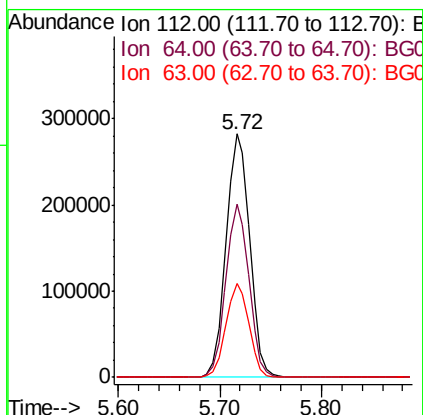
BNA_G

ClientSampleId :

PB116850BS

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#6

Aniline

Concen: 29.276 ng

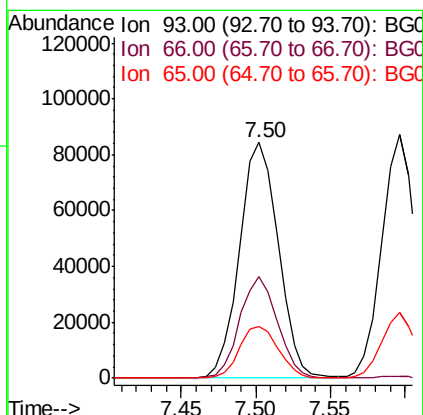
RT: 7.50 min Scan# 751

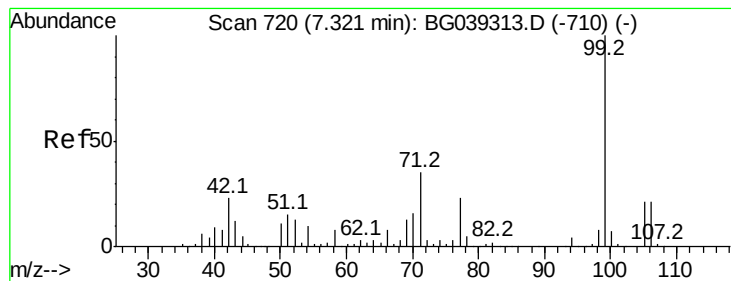
Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	93	Resp:	152065
Ion Ratio	Lower	Upper	
93	100		
66	42.8	34.2	51.4
65	21.9	17.7	26.5





#7

Phenol-d6

Concen: 153.698 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

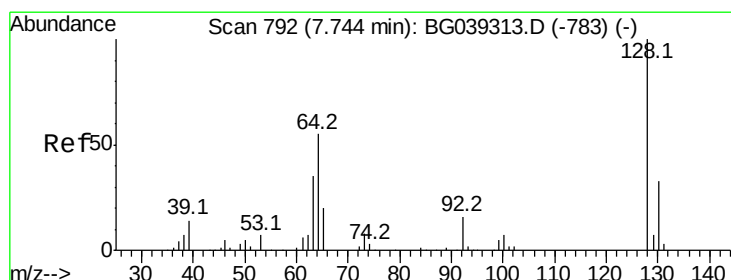
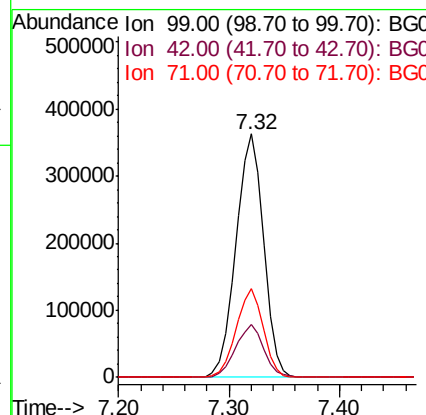
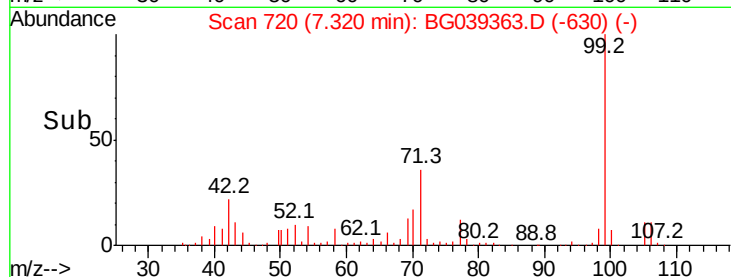
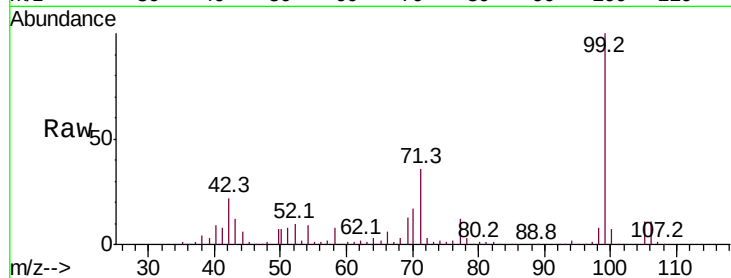
ClientSampleId :

PB116850BS

Tot Ion:	99	Resp:	637354
Ion	Ratio	Lower	Upper
99	100		
42	21.6	18.2	27.2
71	36.4	28.0	42.0

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#8

2-Chlorophenol

Concen: 47.145 ng

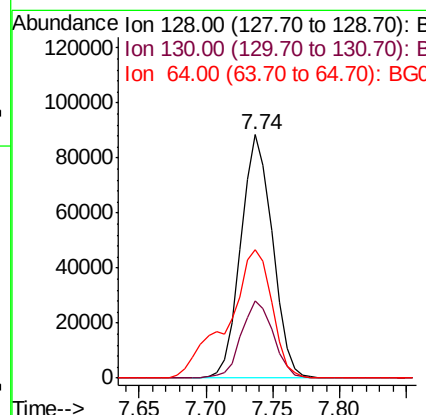
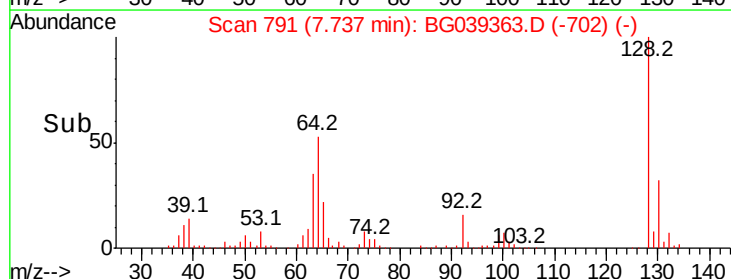
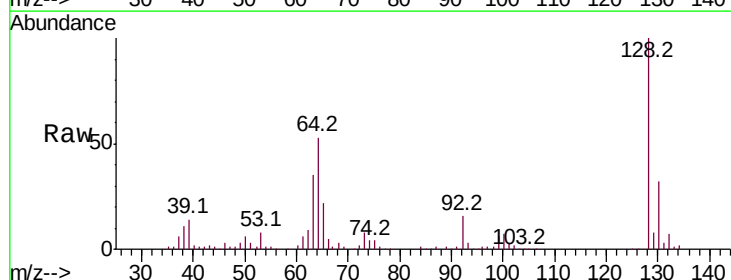
RT: 7.74 min Scan# 791

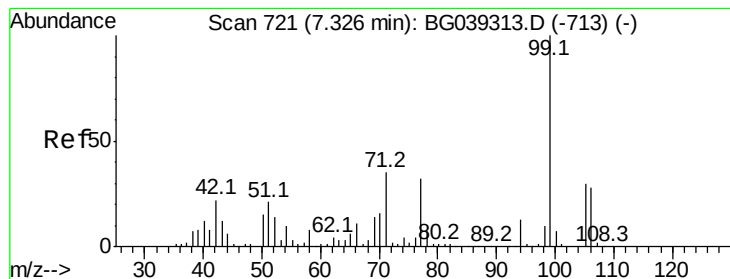
Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	128	Resp:	145178
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	52.6	38.7	78.7





#9

Benzaldehyde

Concen: 37.185 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

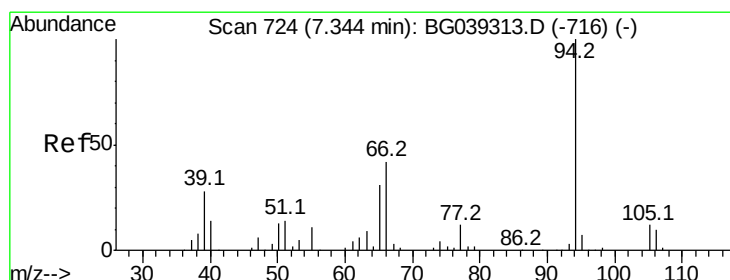
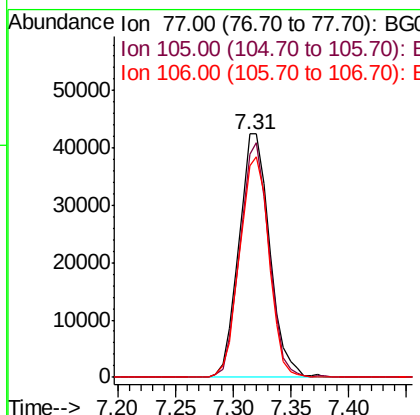
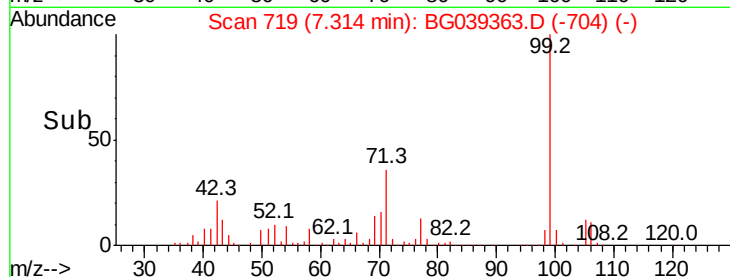
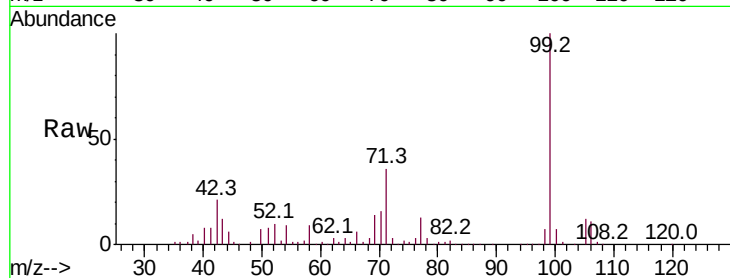
ClientSampleId :

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Tot Ion:	77	Resp:	78574
Ion	Ratio	Lower	Upper
77	100		
105	91.9	74.5	114.5
106	86.7	68.0	108.0

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#10

Phenol

Concen: 44.844 ng

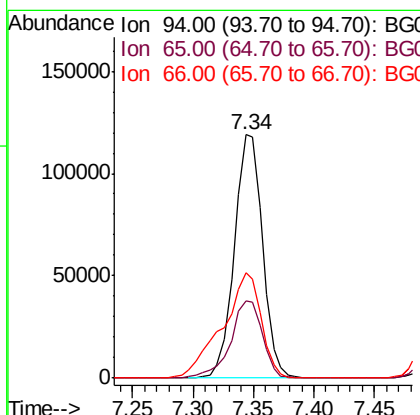
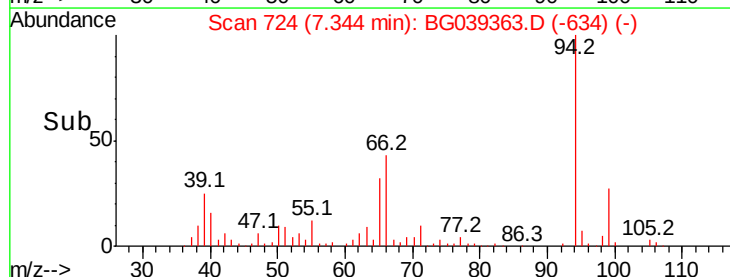
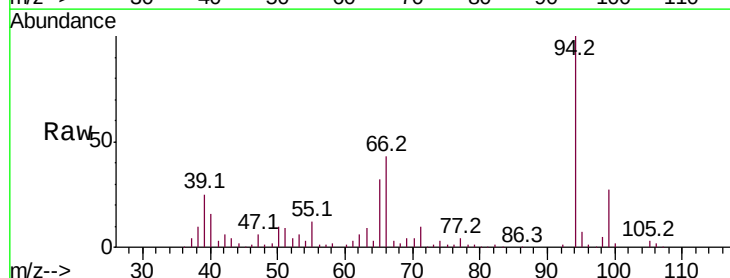
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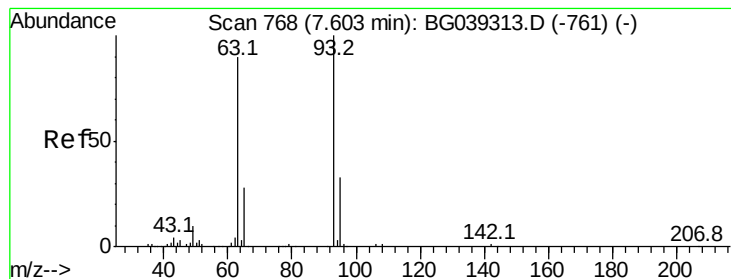
Delta R.T. -0.00 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	94	Resp:	193846
Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.7	51.7
66	43.2	23.7	63.7





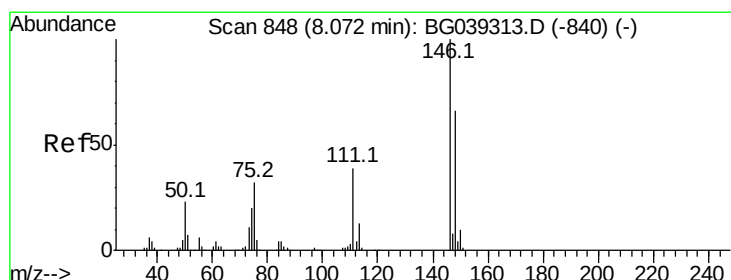
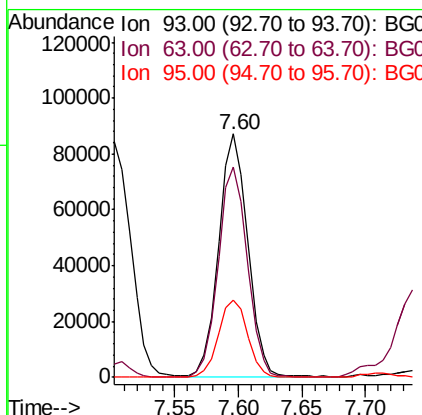
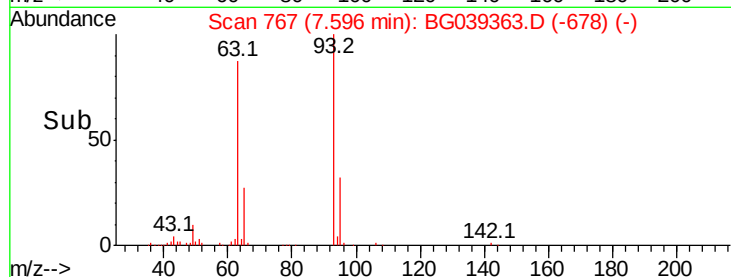
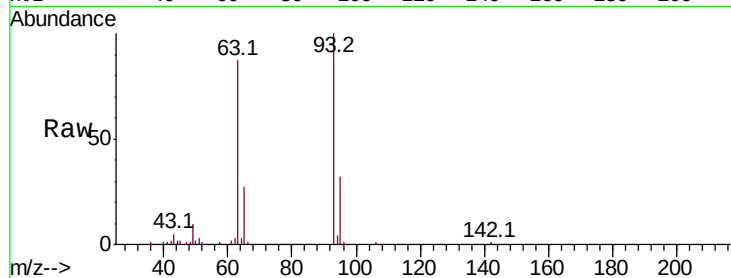
#11
bis(2-Chloroethyl)ether
Concen: 40.498 ng
RT: 7.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.6	69.5	109.5
95	31.5	12.7	52.7

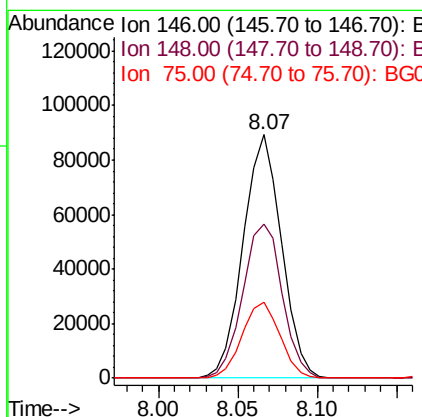
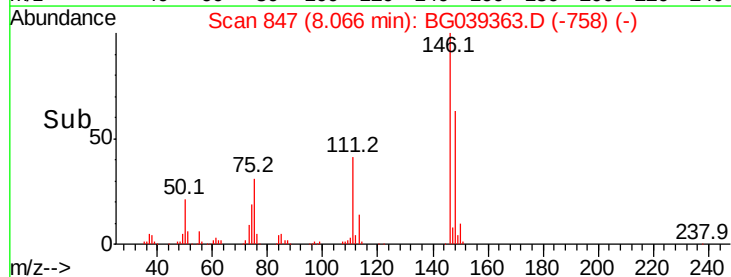
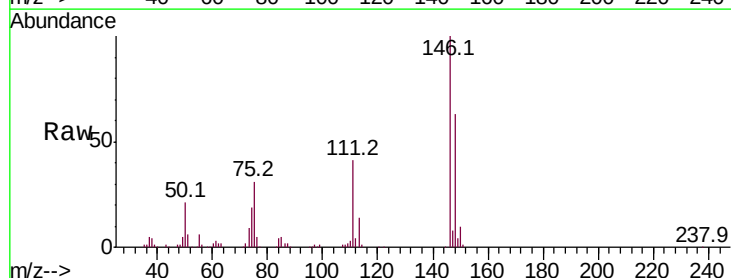
Manual Integrations
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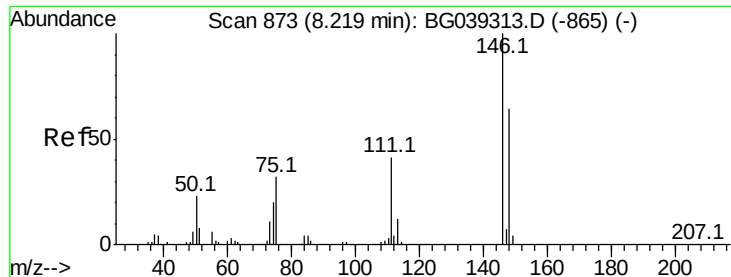
mohammad
2/6/2019 9:17:08 AM



#12
1,3-Dichlorobenzene
Concen: 40.227 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	79.0
75	31.3	25.8	38.6





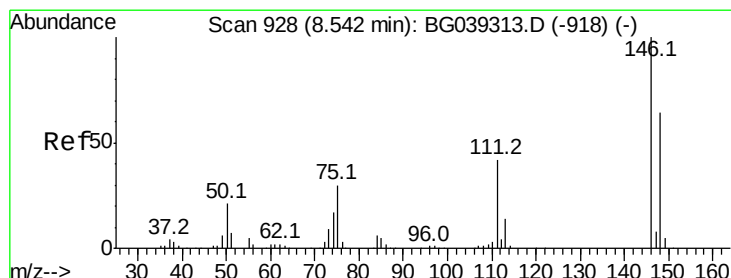
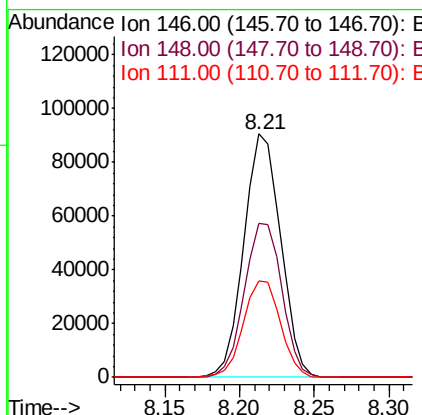
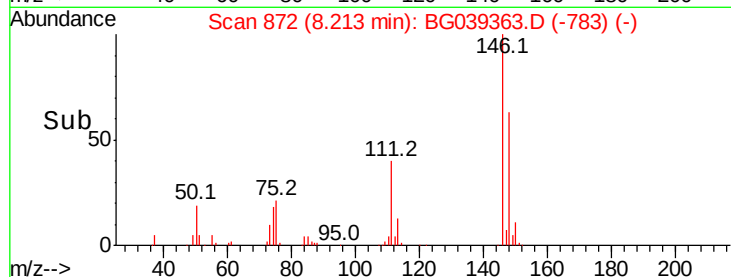
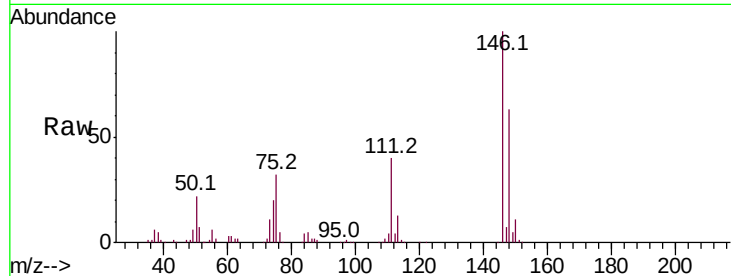
#13
1,4-Dichlorobenzene
Concen: 41.576 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	39.8	32.6	48.8

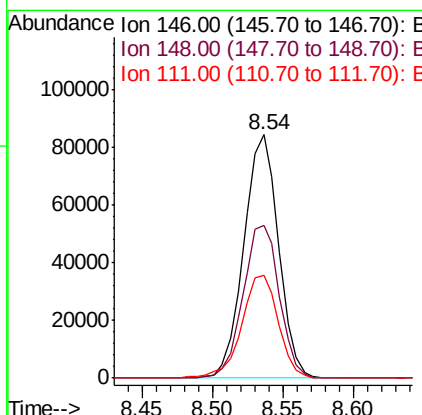
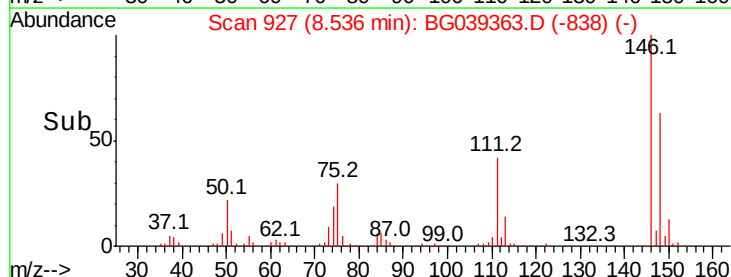
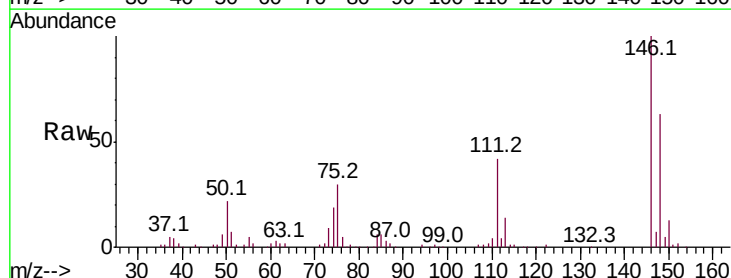
Manual Integrations
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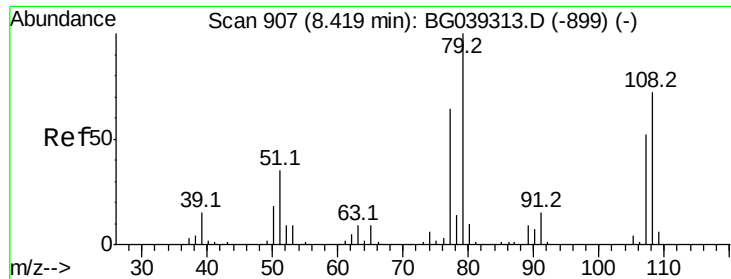
mohammad
2/6/2019 9:17:08 AM



#14
1,2-Dichlorobenzene
Concen: 40.365 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.5	77.3
111	42.2	33.8	50.6





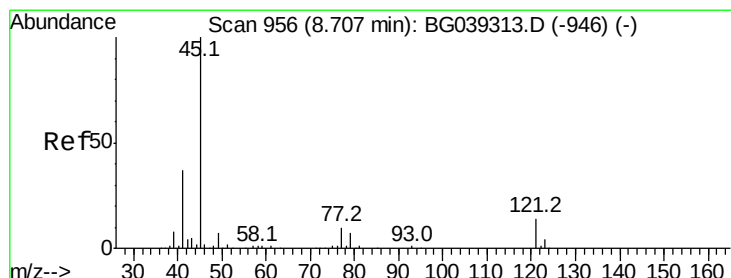
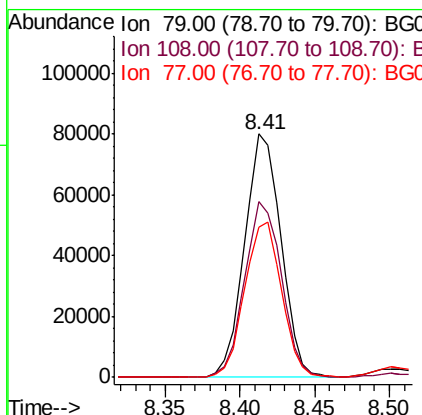
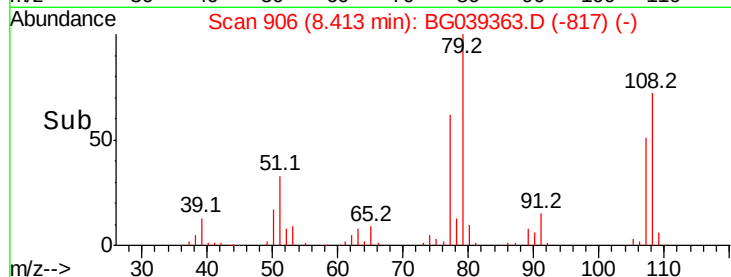
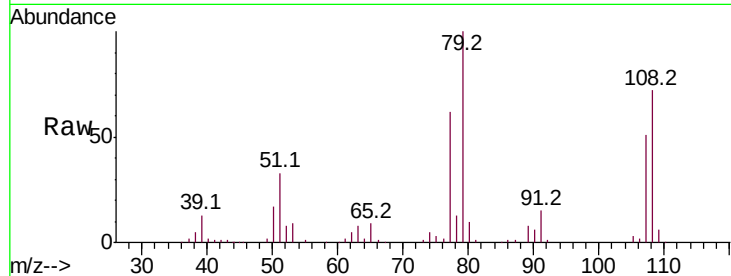
#15
Benzyl Alcohol
Concen: 41.515 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleID :
PB116850BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	72.3	57.8	86.6	
77	61.6	51.1	76.7	

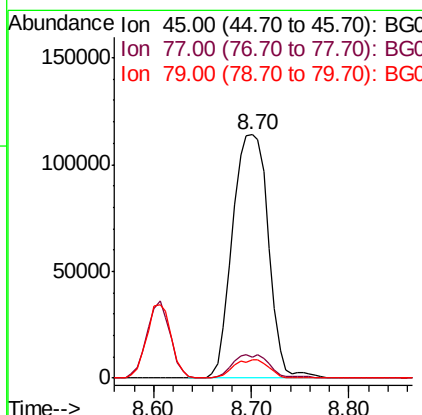
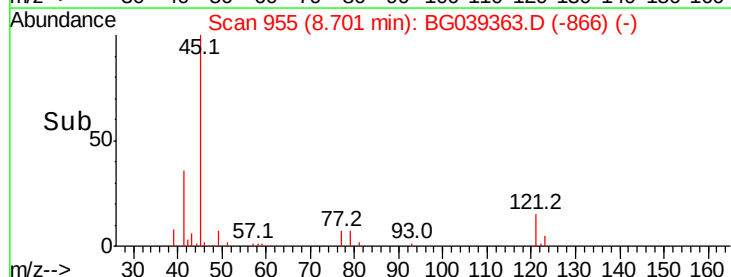
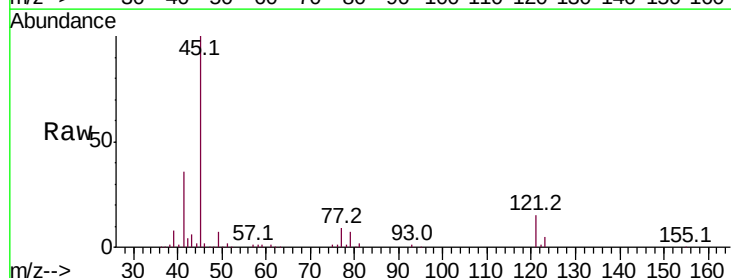
Manual Integrations
APPROVED

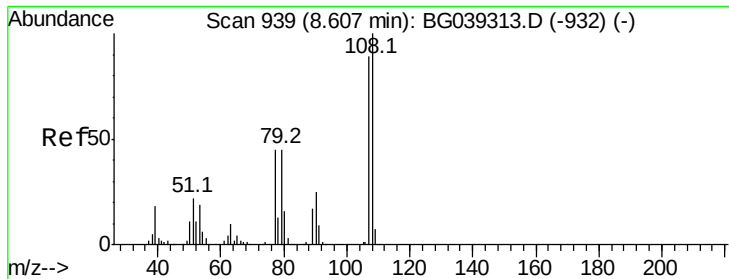
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.857 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	8.6	0.0	30.0	
79	7.5	0.0	27.5	





#17

2-Methylphenol

Concen: 45.461 ng

RT: 8.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

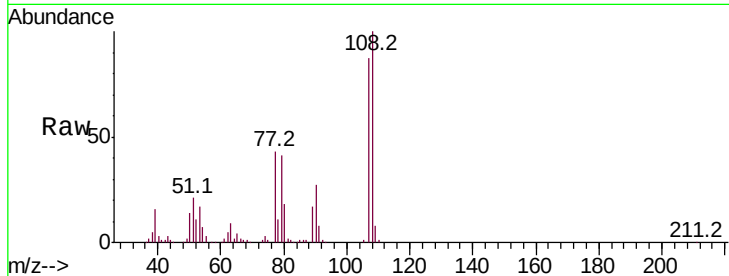
ClientSampleId :

PB116850BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	90.8	136.2	
77	49.2	40.7	61.1	
79	46.8	40.6	60.8	

Manual Integrations
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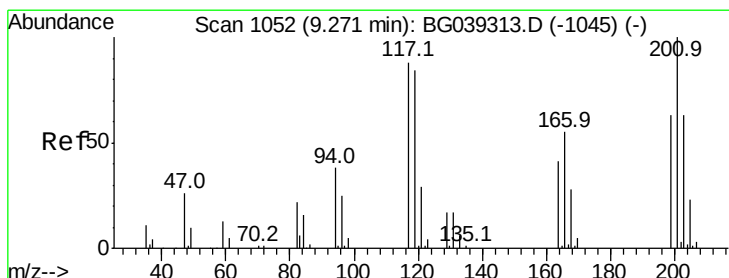
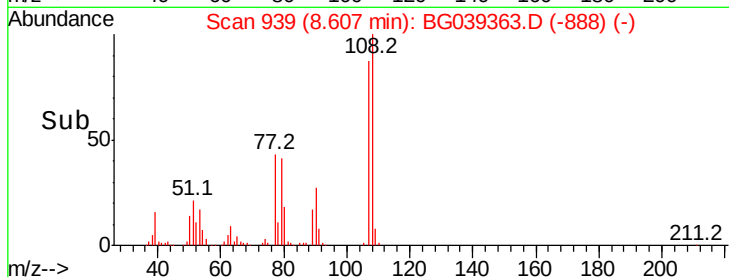
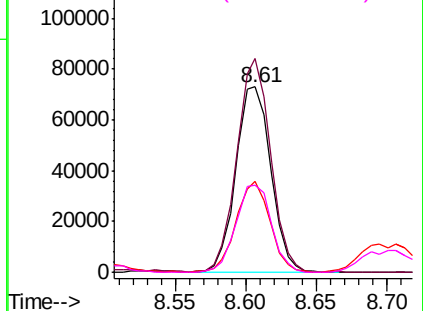
Abundance

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: 42.702 ng

RT: 9.26 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

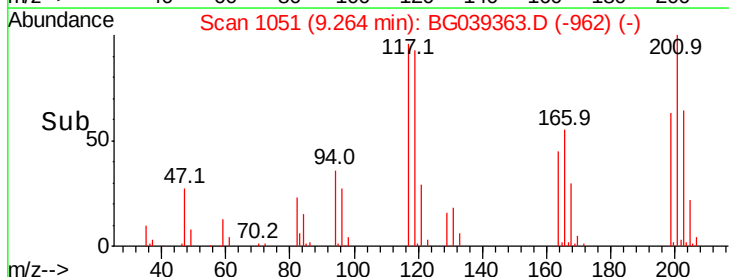
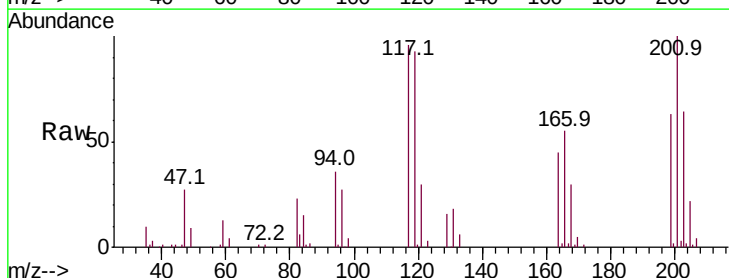
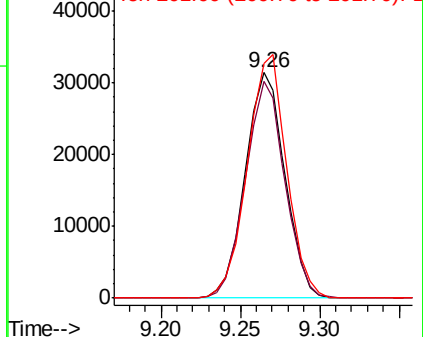
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.3	114.5	
201	103.8	91.1	136.7	

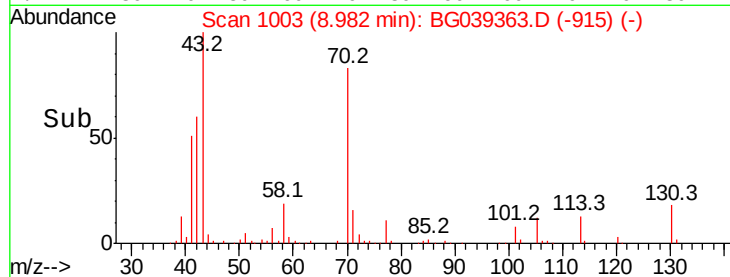
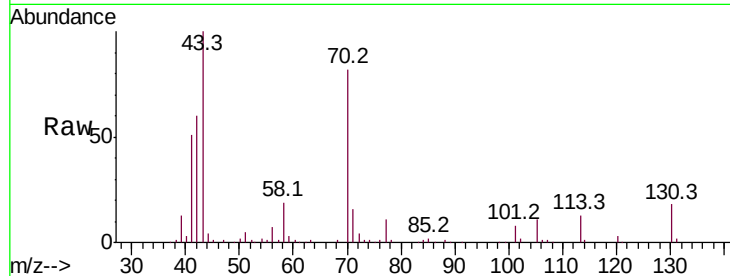
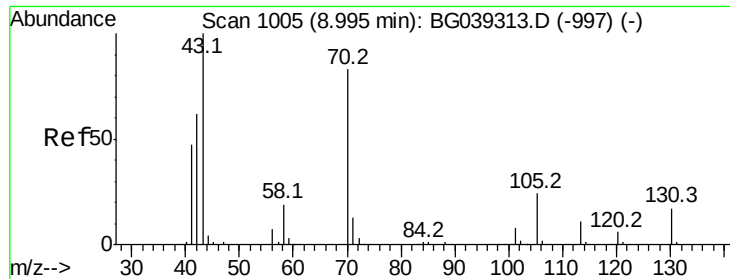
Abundance

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





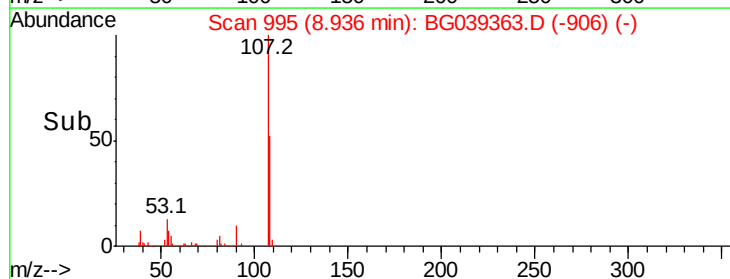
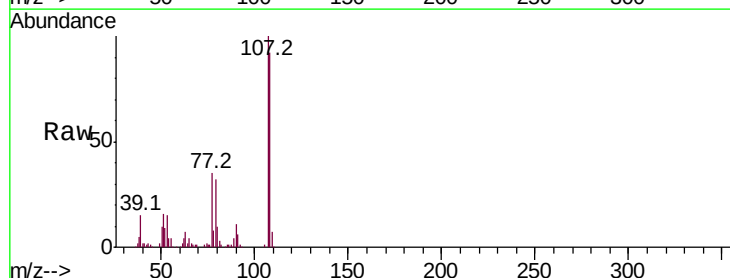
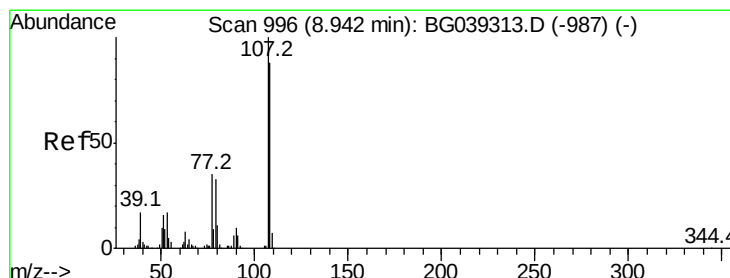
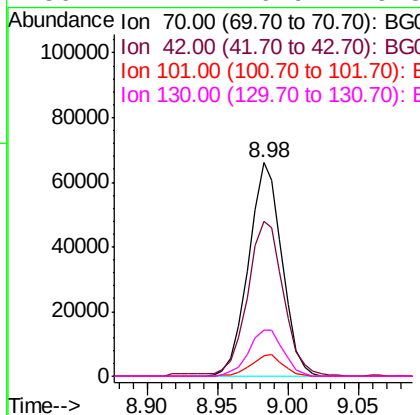
#19
n-Nitroso-di-n-propylamine
Concen: 37.162 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.5	60.4	90.6	
101	9.7	7.5	11.3	
130	21.7	16.9	25.3	

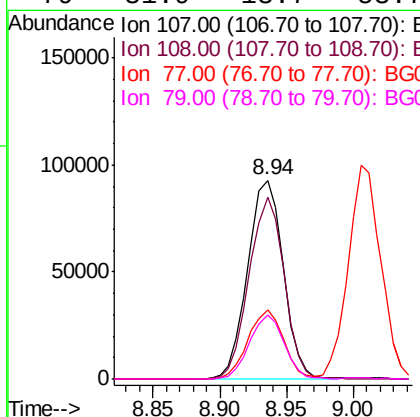
Manual Integrations
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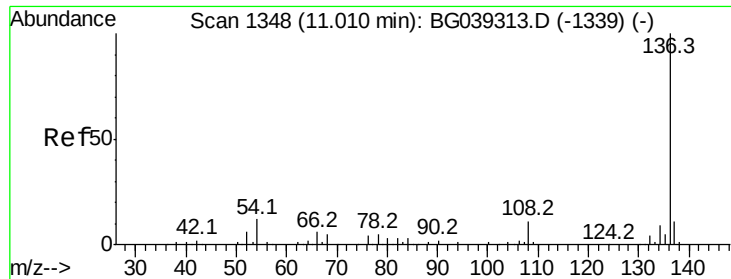
mohammad
2/6/2019 9:17:08 AM



#20
3+4-Methylphenols
Concen: 44.435 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	67.9	107.9	
77	34.7	15.4	55.4	
79	31.9	13.7	53.7	





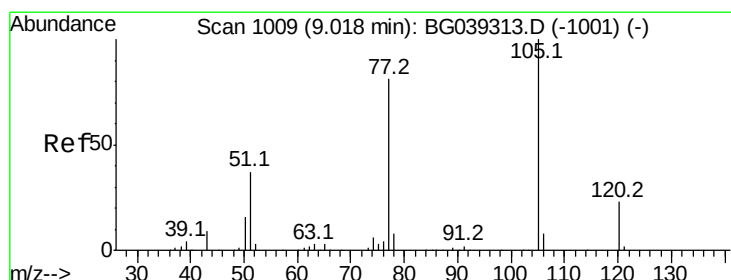
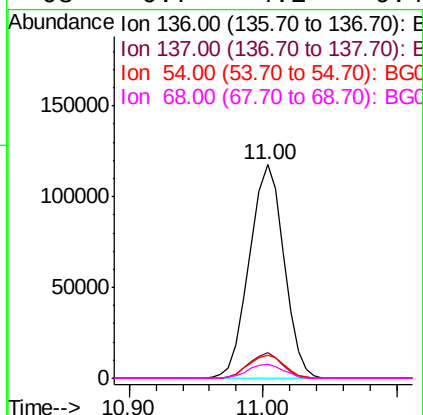
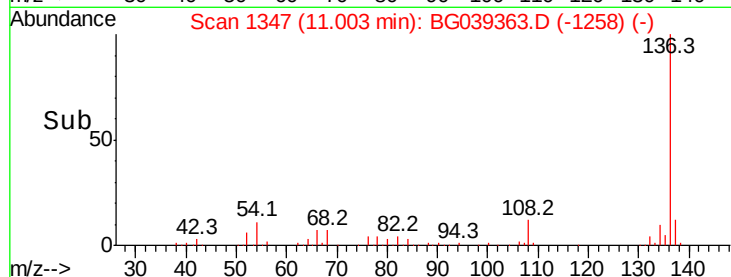
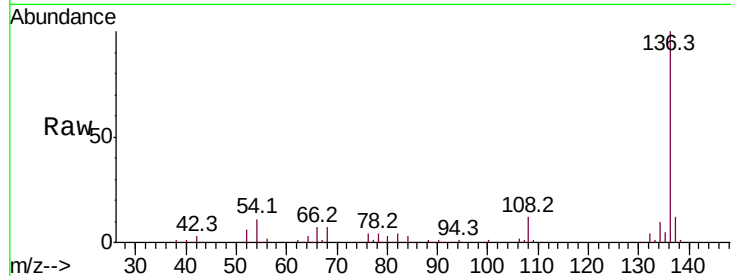
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.7	9.4	14.2
68	6.7	4.2	6.4#

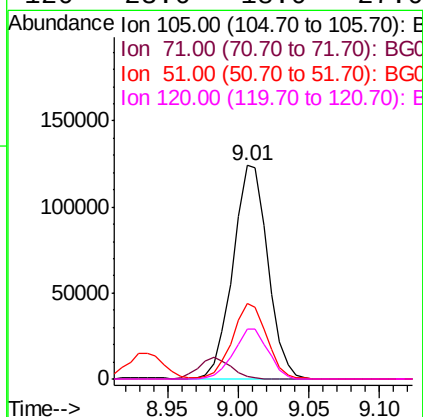
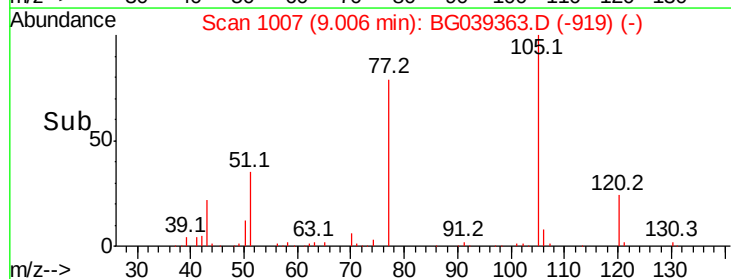
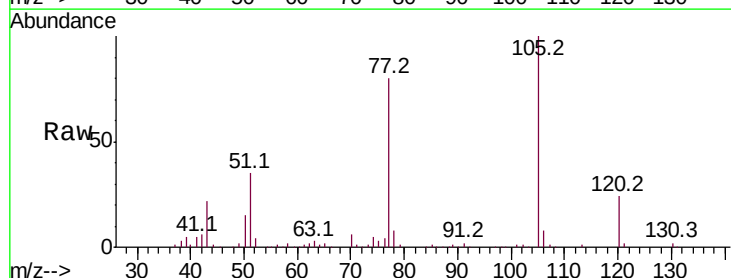
Manual Integrations
APPROVED

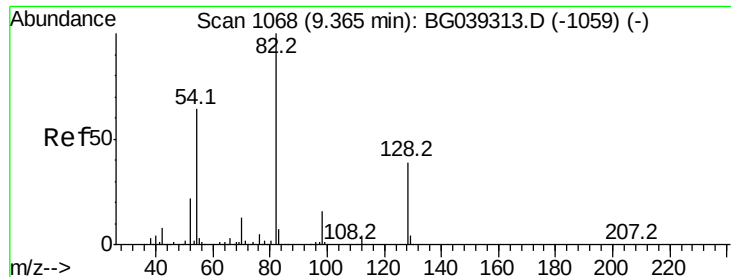
mohammad
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#22
Acetophenone
Concen: 37.939 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.1	0.8	1.2
51	35.1	30.2	45.2
120	23.6	18.0	27.0





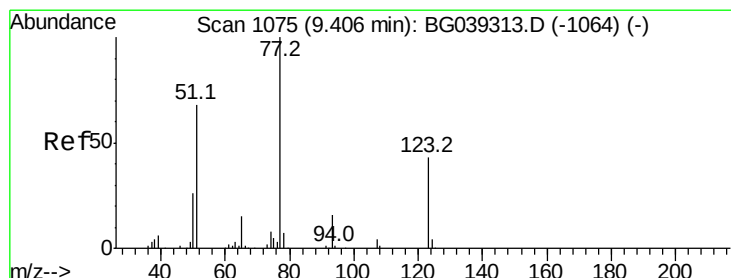
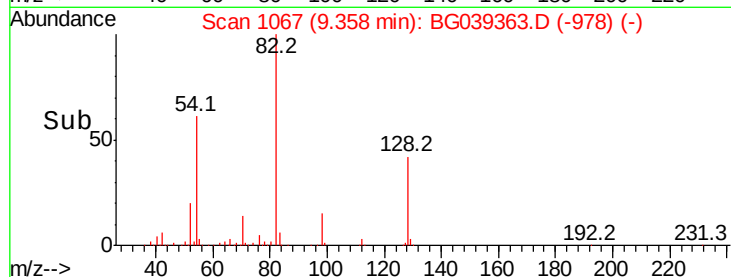
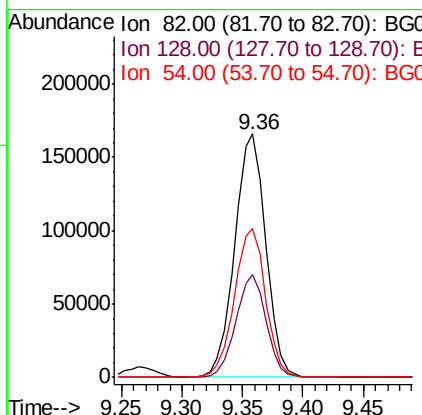
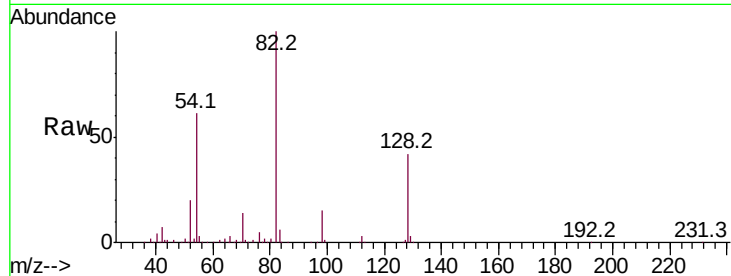
#23
 Nitrobenzene-d5
 Concen: 88.410 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	297136		
128	42.4	31.3	46.9	
54	61.2	50.9	76.3	

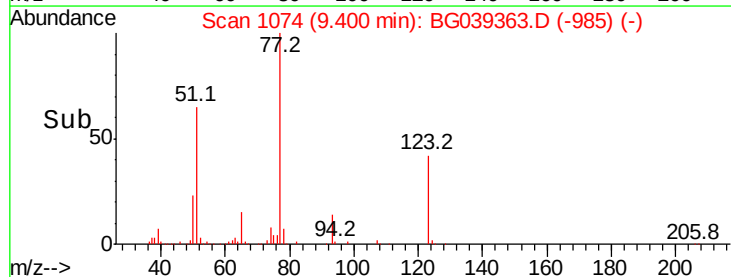
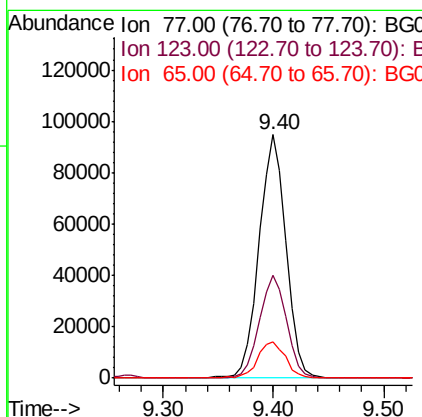
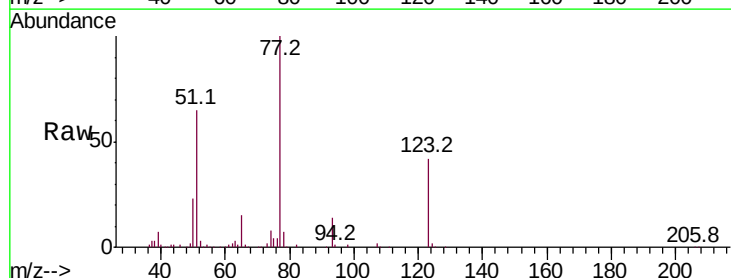
Manual Integrations
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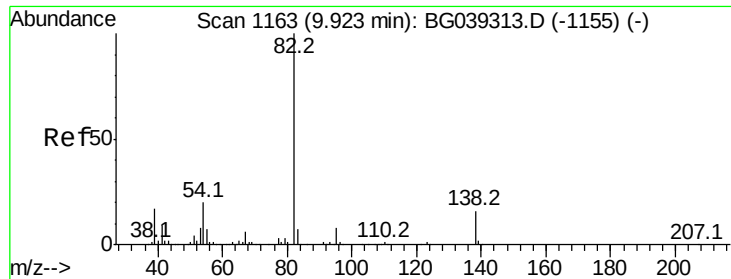
mohammad
 2/6/2019 9:17:08 AM



#24
 Nitrobenzene
 Concen: 44.566 ng
 RT: 9.40 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	161813		
123	42.3	34.1	51.1	
65	14.9	12.3	18.5	





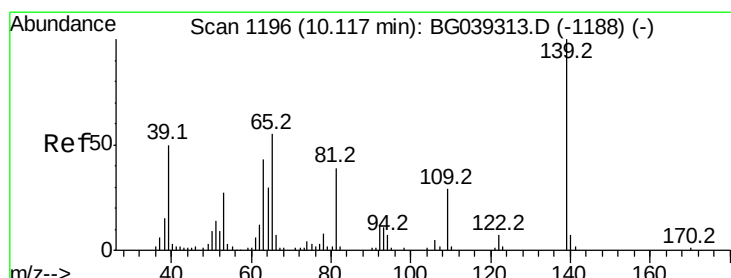
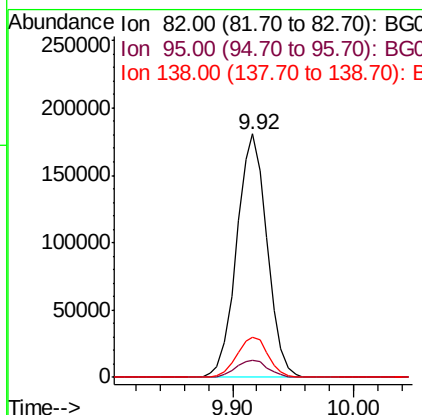
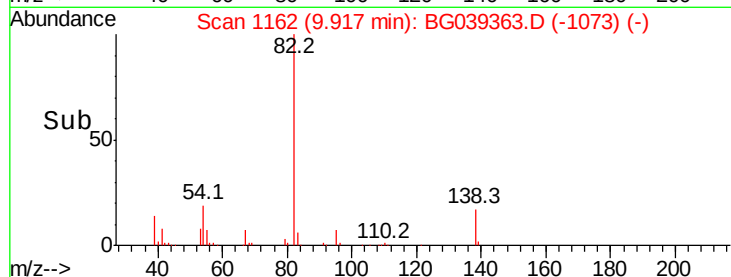
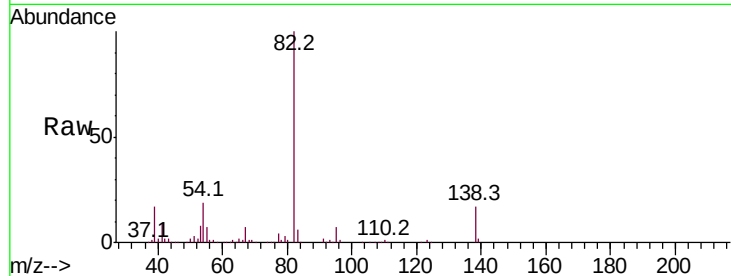
#25
Isophorone
Concen: 42.361 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	6.2	9.2	
138	16.5	13.0	19.4	

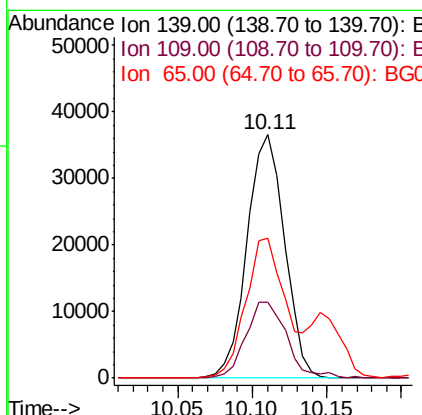
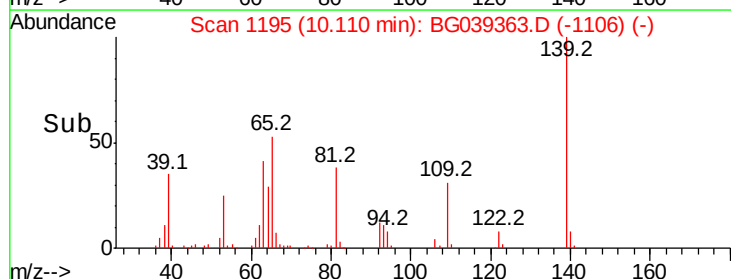
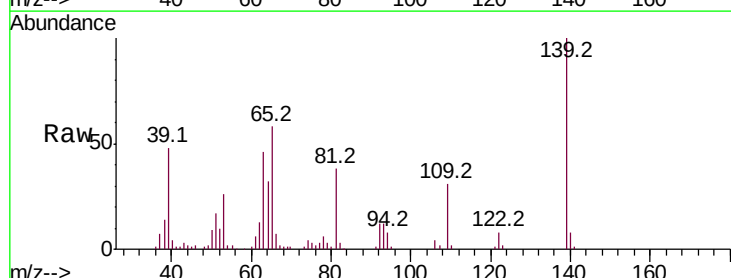
Manual Integrations
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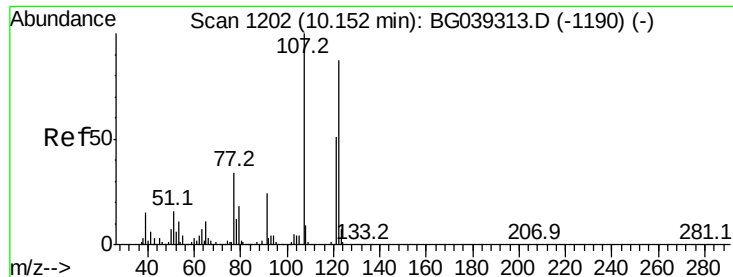
mohammad
2/6/2019 9:17:08 AM



#26
2-Nitrophenol
Concen: 45.517 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.3	23.4	35.0	
65	57.6	44.3	66.5	





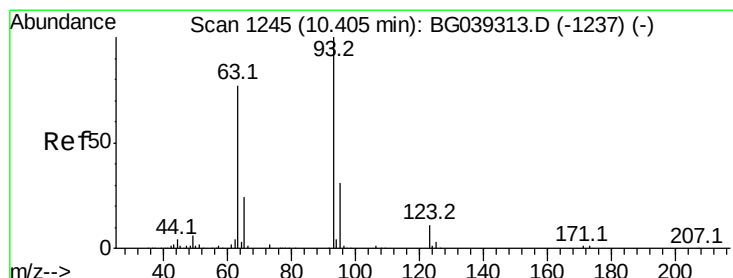
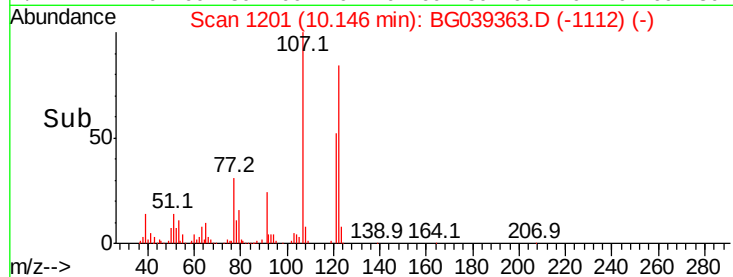
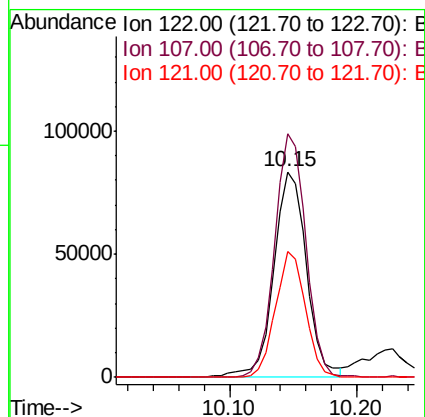
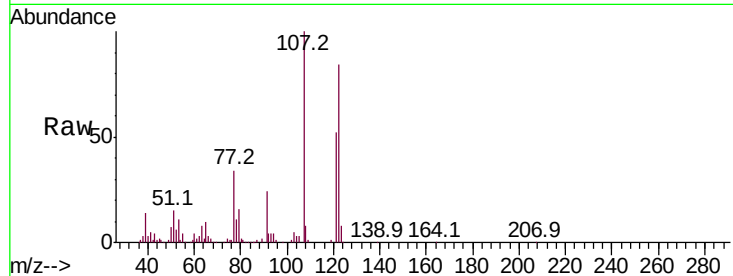
#27
 2,4-Dimethylphenol
 Concen: 49.578 ng
 RT: 10.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	91.7	137.5
121	61.0	46.4	69.6

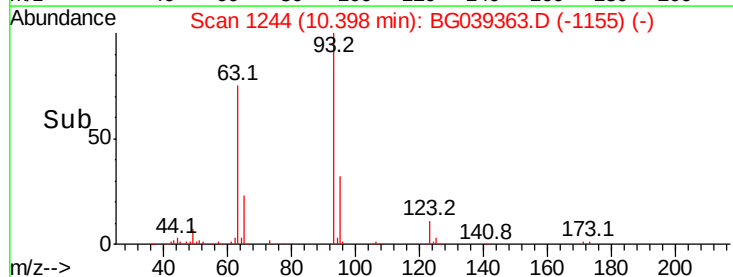
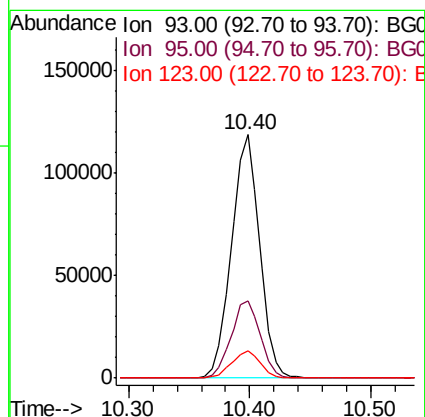
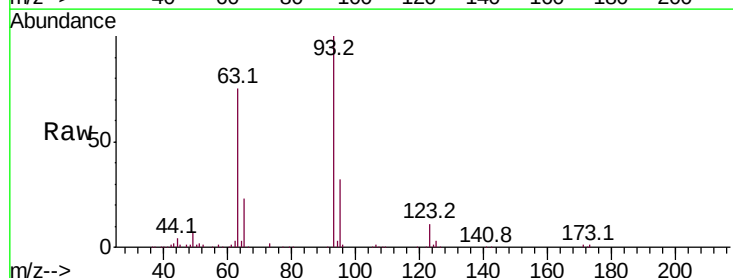
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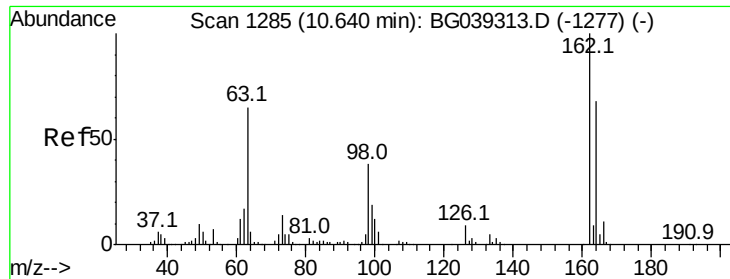
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.800 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.0	37.4
123	11.4	8.6	12.8





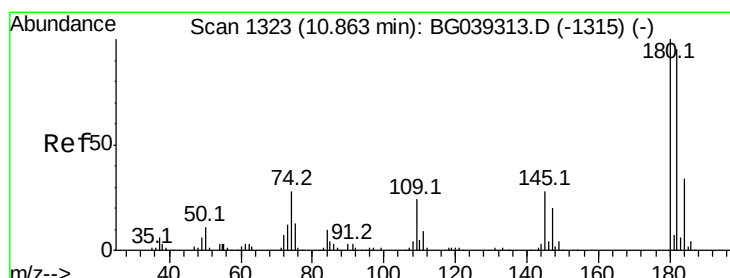
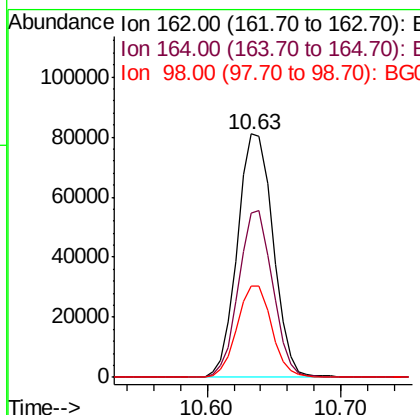
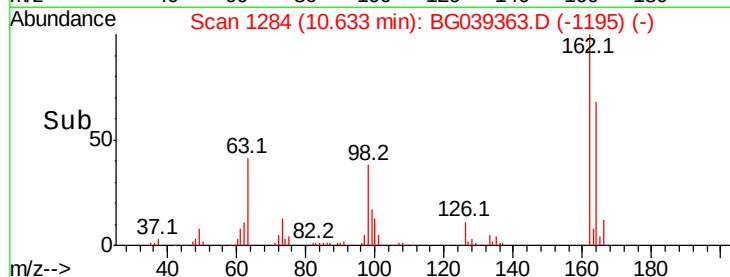
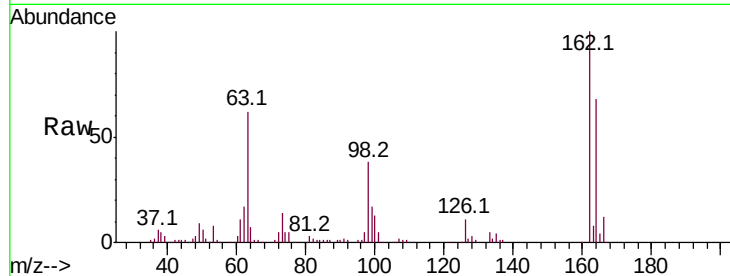
#29
2,4-Dichlorophenol
Concen: 45.492 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	48.1	88.1
98	37.6	18.1	58.1

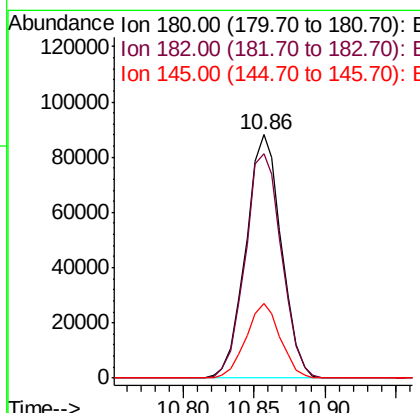
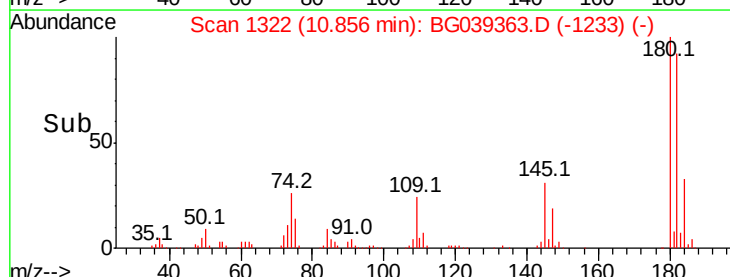
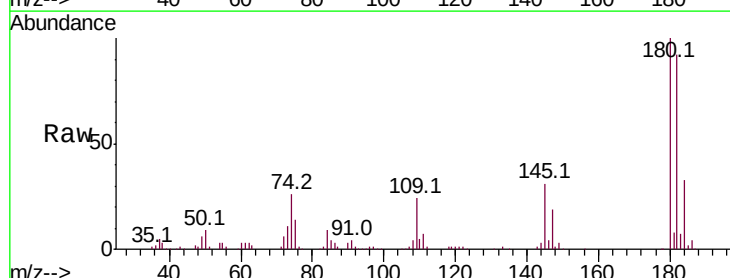
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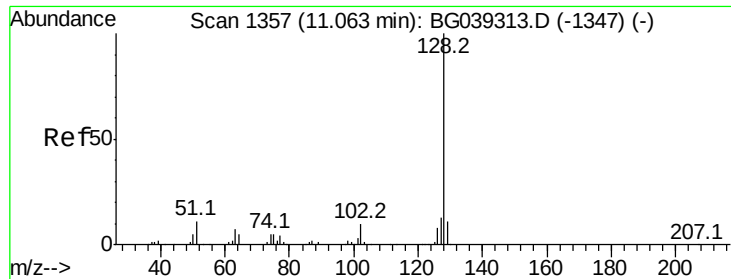
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#30
1,2,4-Trichlorobenzene
Concen: 41.927 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
145	30.6	22.7	34.1





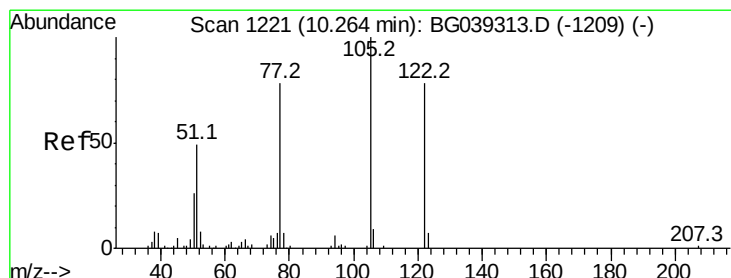
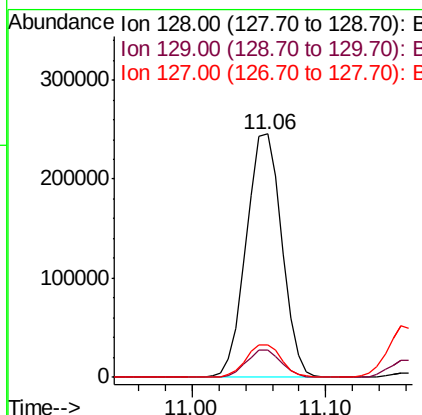
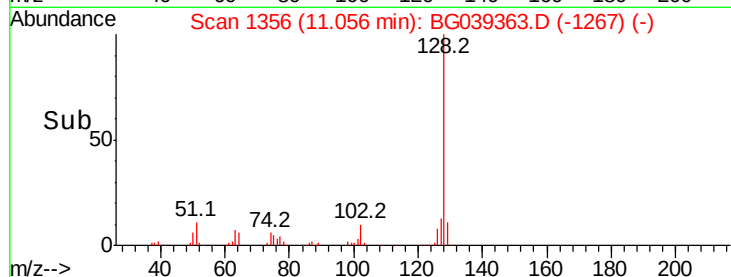
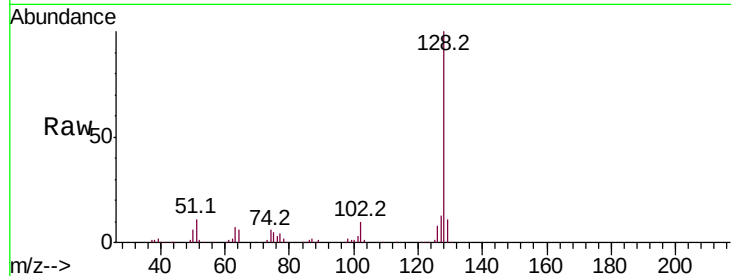
#31
Naphthalene
Concen: 43.272 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.8	16.2

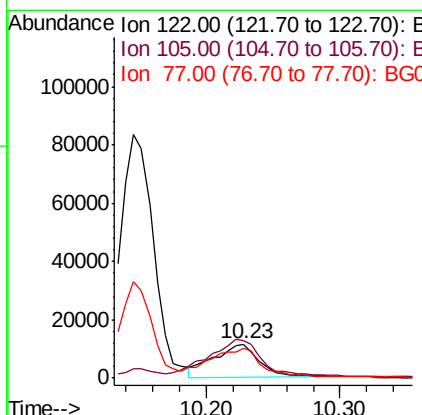
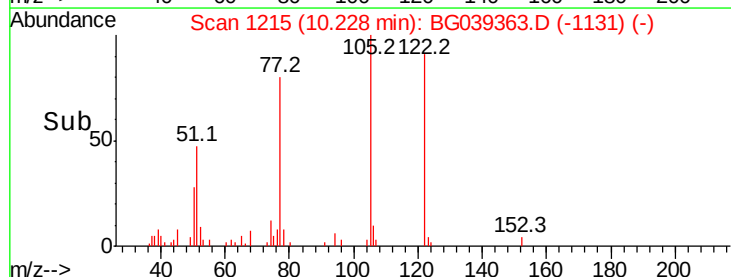
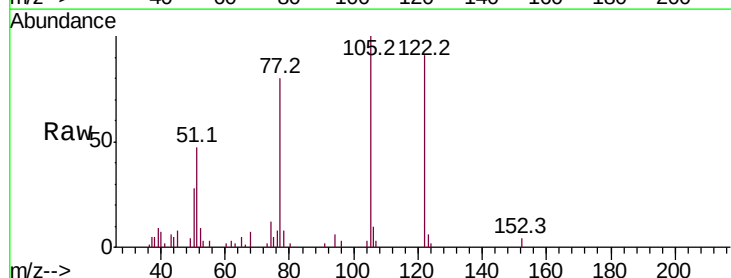
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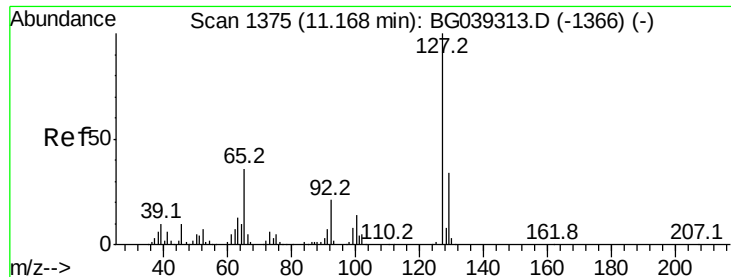
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#32
Benzoic acid
Concen: 20.136 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.04 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.8	101.8	141.8
77	87.6	76.3	116.3





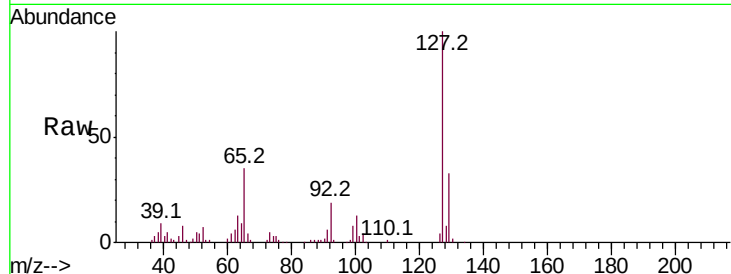
#33
4-Chloroaniline
Concen: 19.622 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

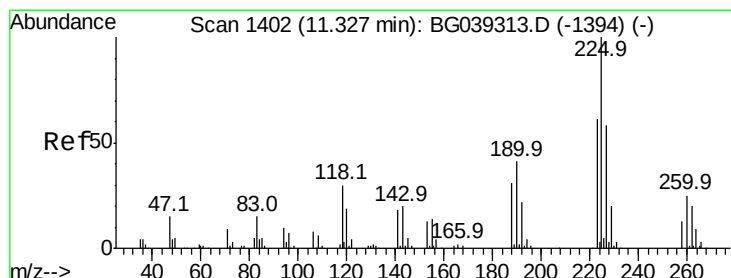
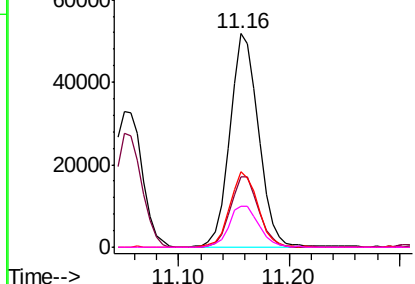
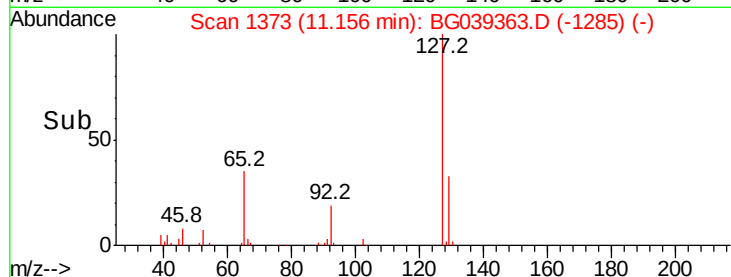
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	27.0	40.4	
65	35.1	28.8	43.2	
92	19.1	16.6	25.0	

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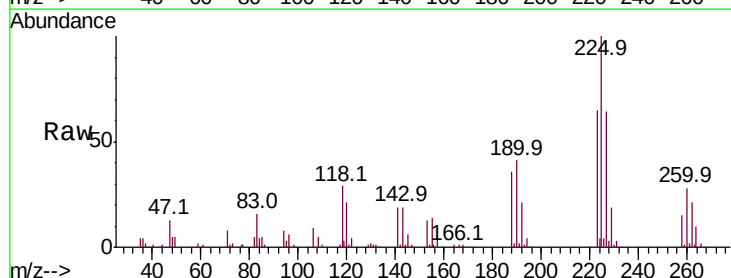


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

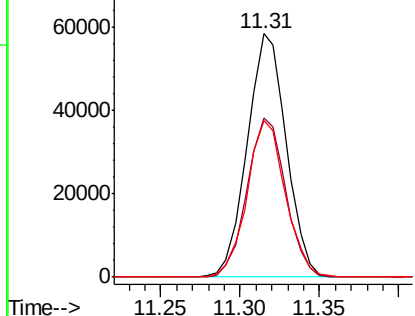
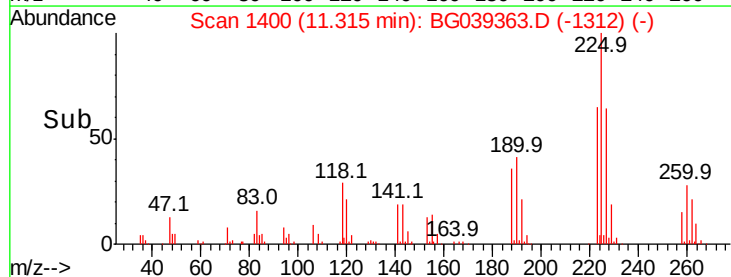


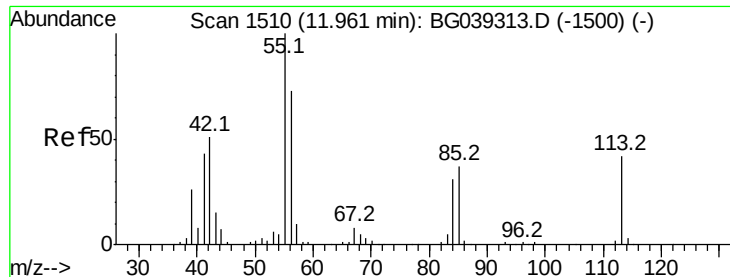
#34
Hexachlorobutadiene
Concen: 40.628 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.5	49.0	73.6	
227	64.3	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: 35.170 ng/mL

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

ClientSampleId :

PB116850BS

Tot Ion:113 Resp: 47921

Ion Ratio Lower Upper

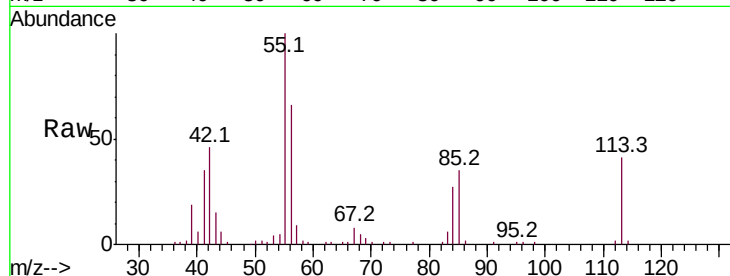
113 100

55 241.1 216.9 256.9

56 158.8 152.6 192.6

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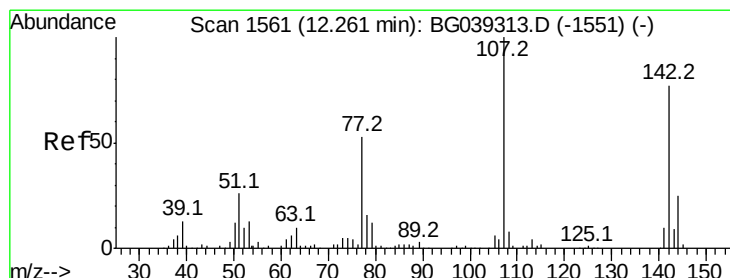
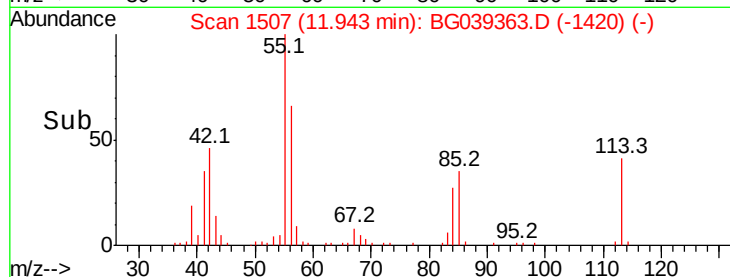
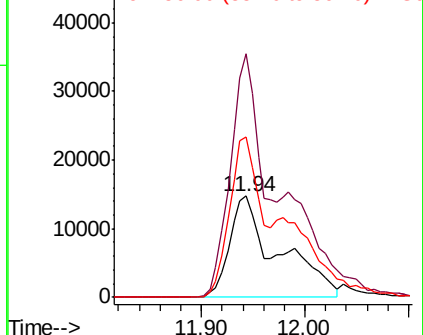
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039313.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039313.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.957 ng/mL

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

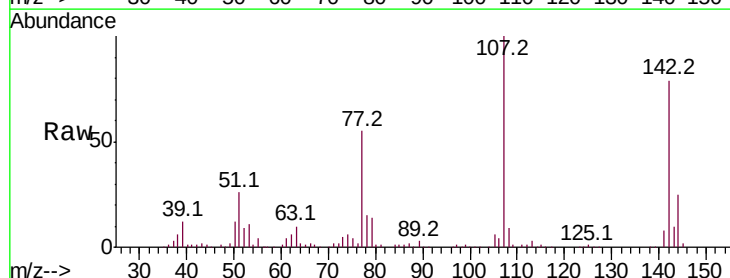
Tgt Ion:107 Resp: 159777

Ion Ratio Lower Upper

107 100

144 25.1 20.2 30.2

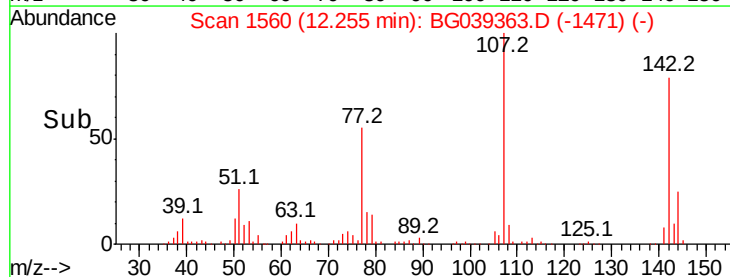
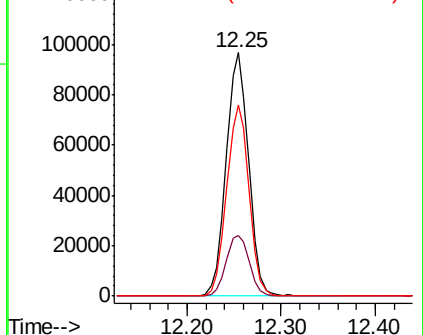
142 78.7 61.4 92.2

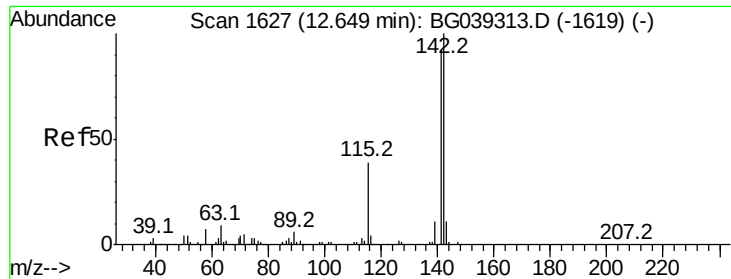


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





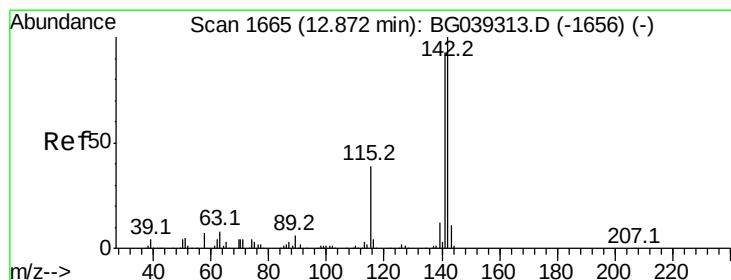
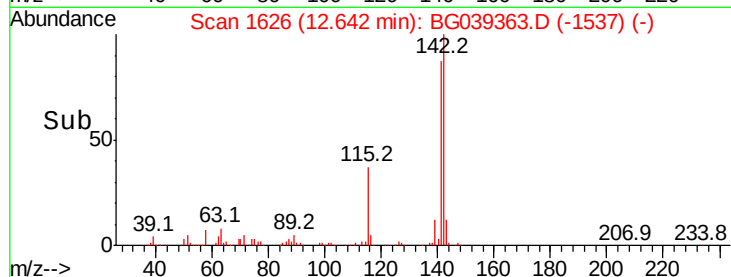
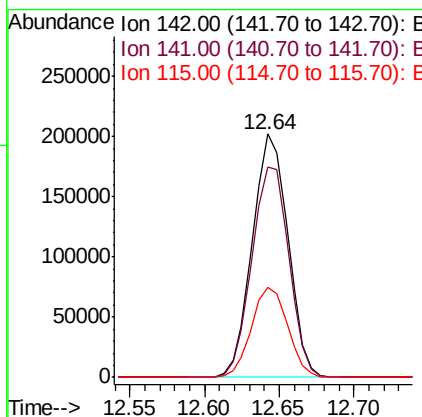
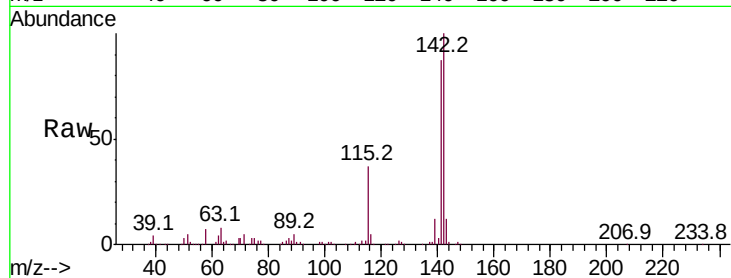
#37
 2-Methylnaphthalene
 Concen: 43.324 ng
 RT: 12.64 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	73.5	110.3
115	37.2	30.8	46.2

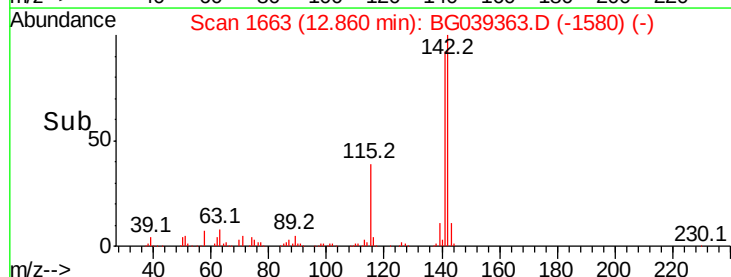
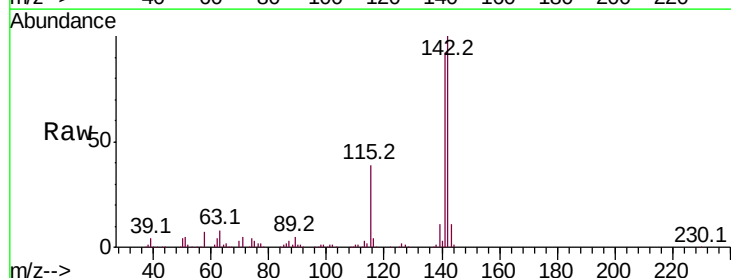
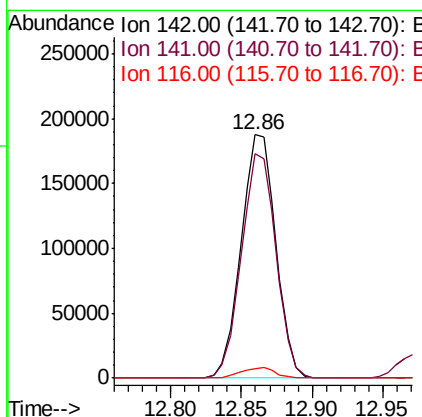
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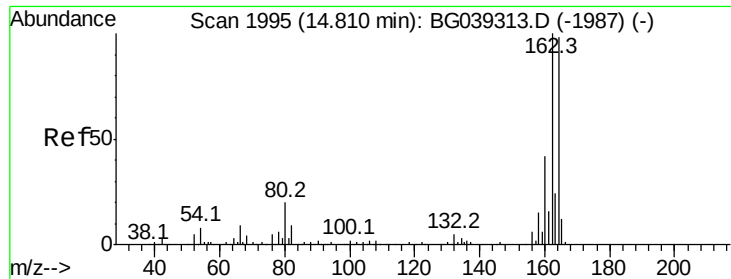
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#38
 1-Methylnaphthalene
 Concen: 43.306 ng
 RT: 12.86 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4
116	4.0	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: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

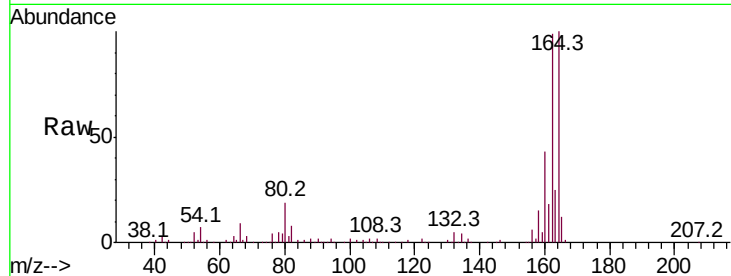
ClientSampleId :

PB116850BS

Tot Ion:	164	Resp:	138566
Ion Ratio	Lower	Upper	
164	100		
162	99.3	81.6	122.4
160	43.4	34.2	51.2

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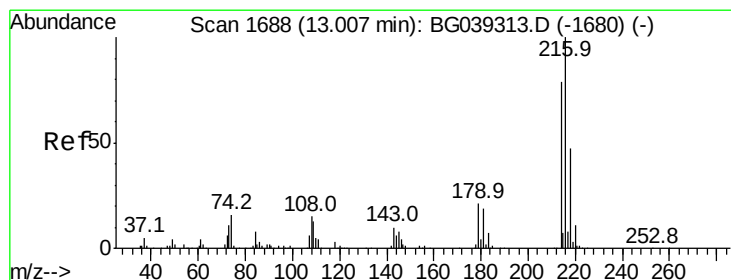
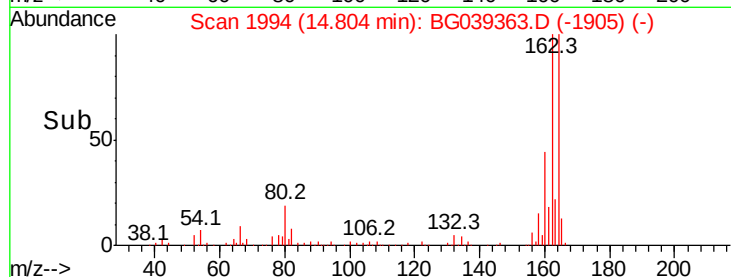
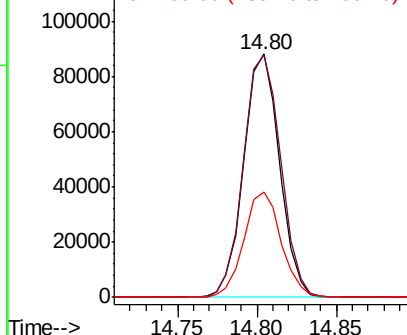


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.725 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	216	Resp:	179545
Ion Ratio	Lower	Upper	
216	100		
214	80.5	62.6	94.0
179	20.5	16.6	25.0
108	19.4	14.0	21.0

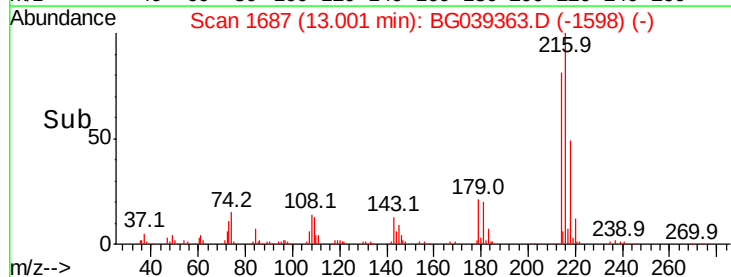
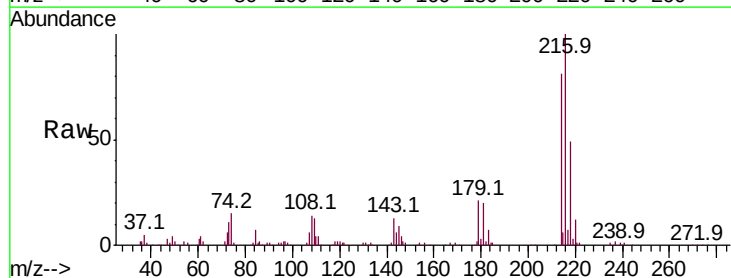
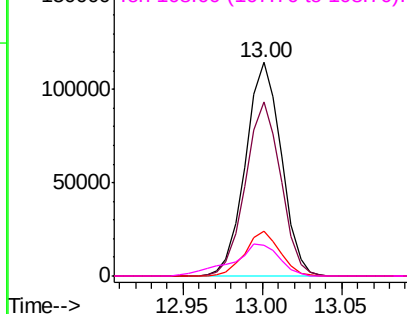
Abundance

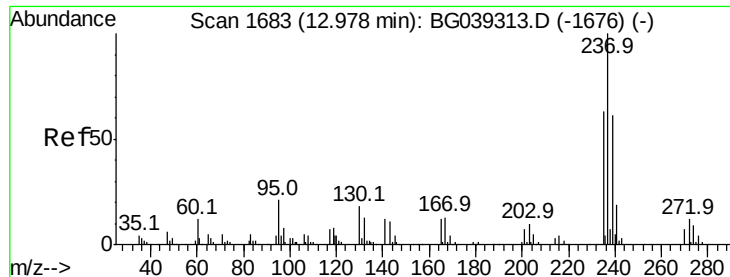
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.964 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

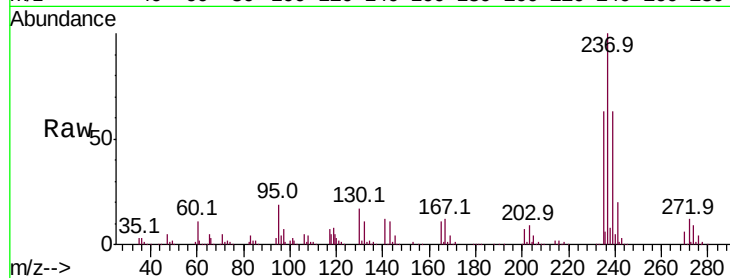
ClientSampleId :

PB116850BS

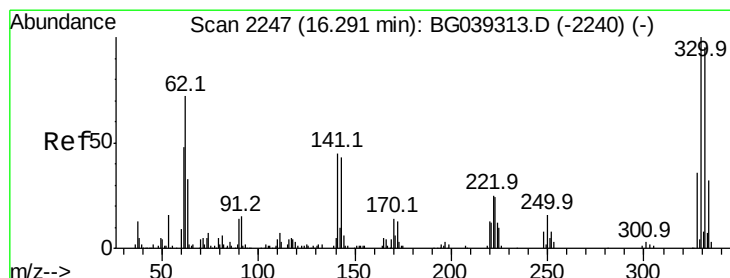
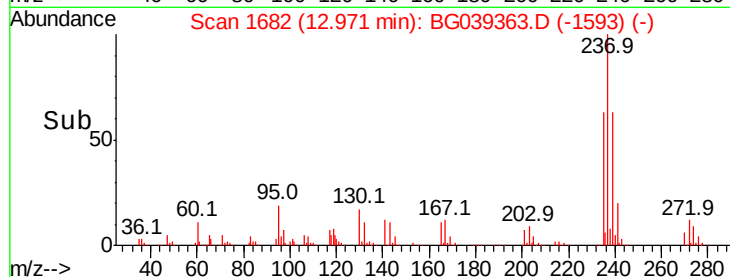
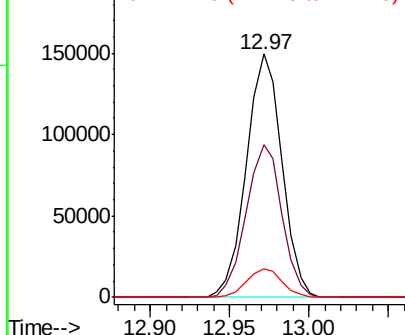
Tot Ion:	237	Resp:	232947
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.3	83.3
272	11.6	0.0	32.3

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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: 153.011 ng

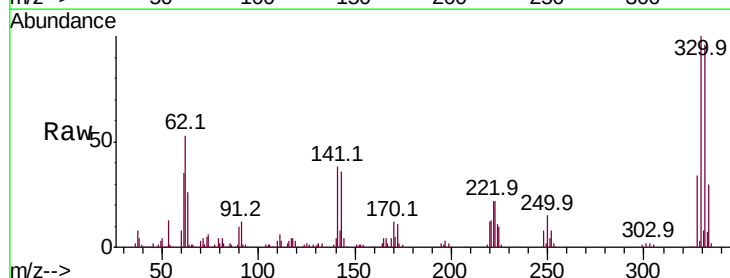
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

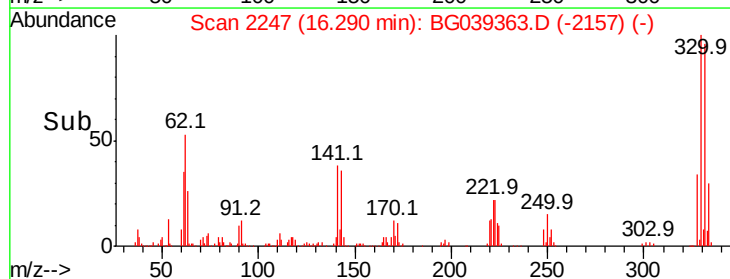
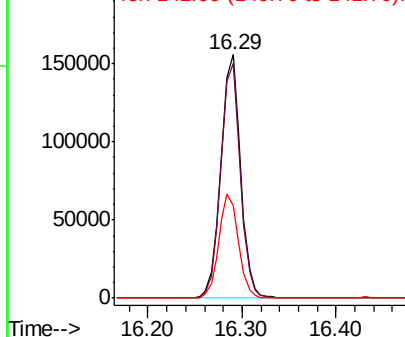
Lab File: BG039363.D

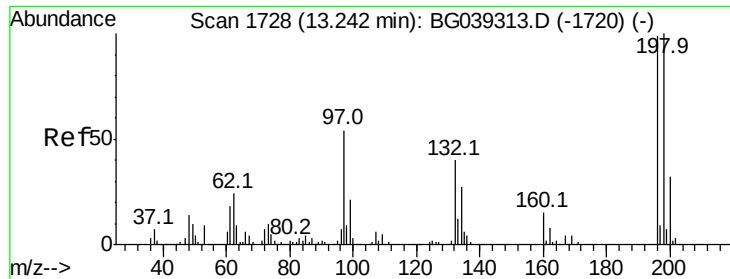
Acq: 5 Feb 2019 20:44

Tgt Ion:	330	Resp:	228310
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.7	113.5
141	42.4	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





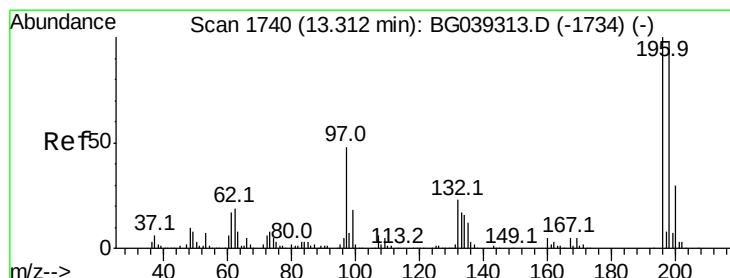
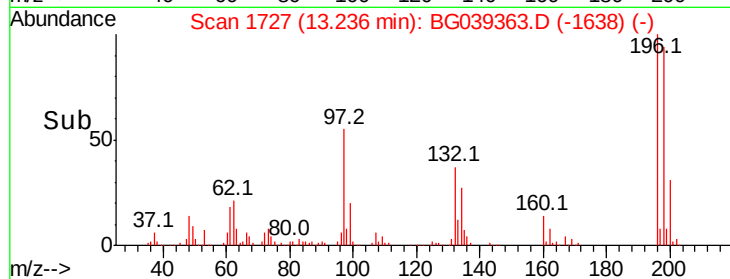
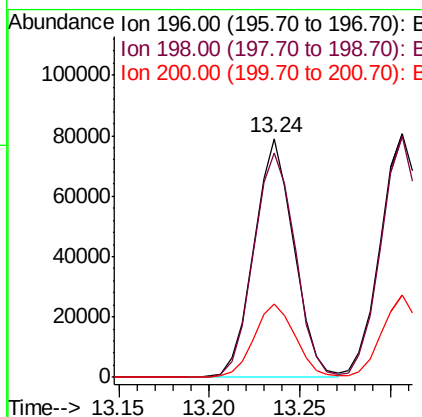
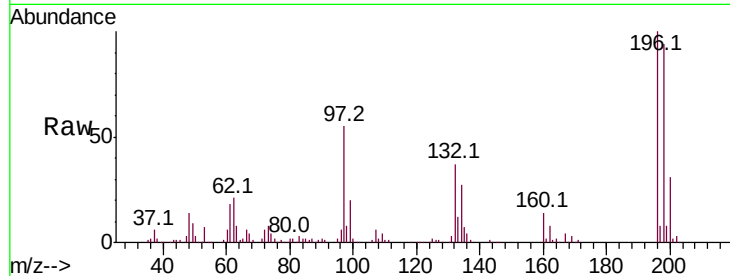
#43
 2,4,6-Trichlorophenol
 Concen: 44.691 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	121146		
198	93.9	80.6	121.0	
200	30.7	26.1	39.1	

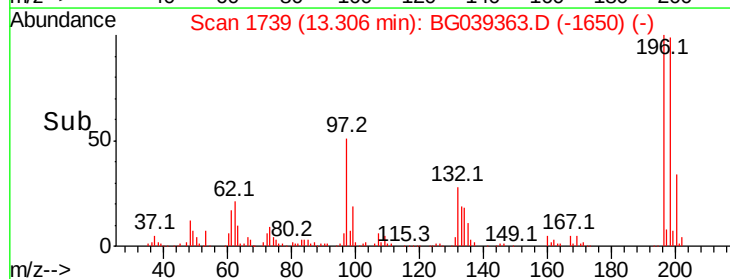
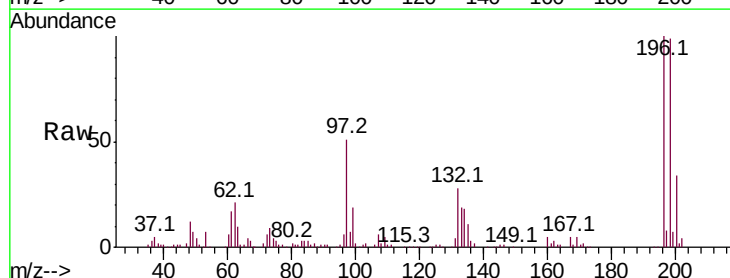
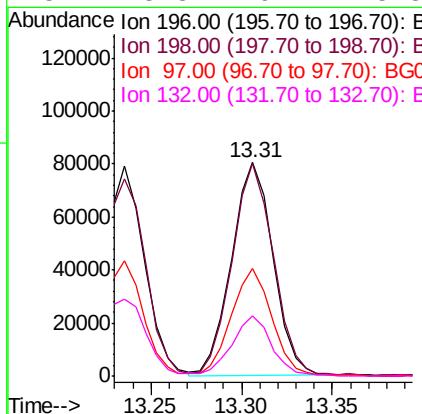
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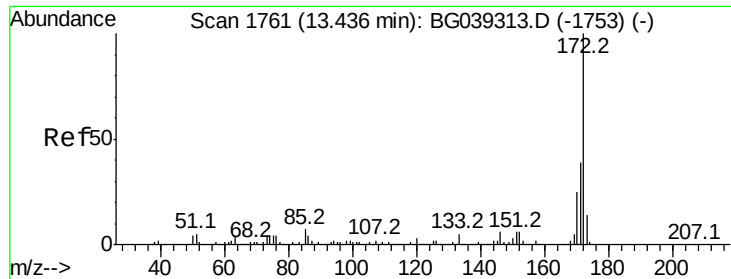
mohammad
 2/6/2019 9:17:08 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.919 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127618		
198	99.2	78.5	117.7	
97	50.6	38.4	57.6	
132	28.3	19.2	28.8	





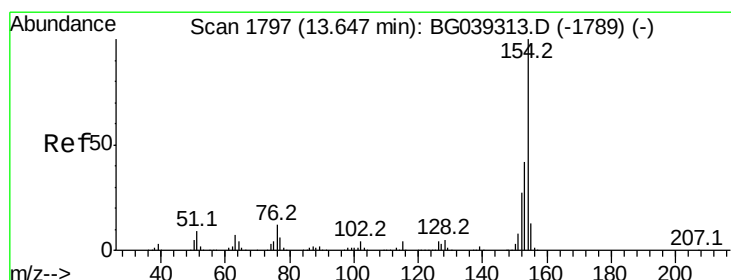
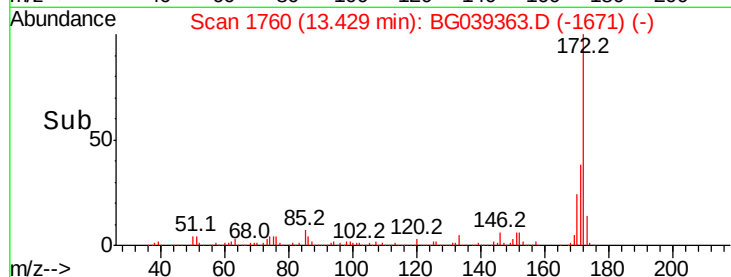
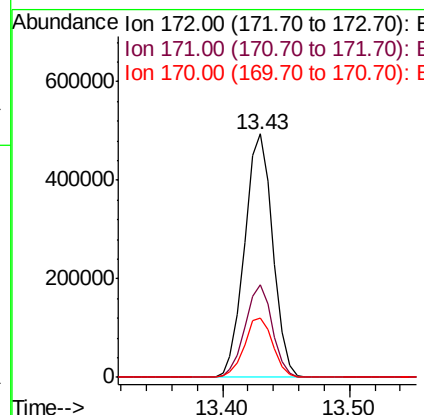
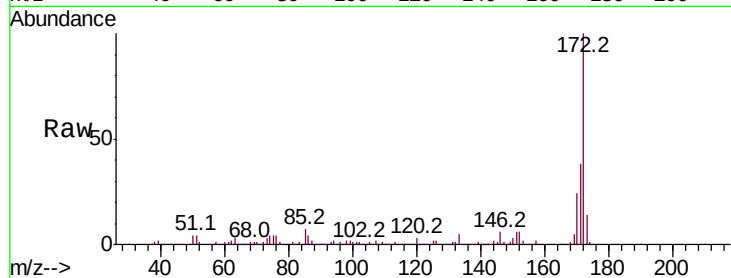
#45
2-Fluorobiphenyl
Concen: 78.428 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	757552		
171	37.9		30.8	46.2
170	24.3		20.2	30.4

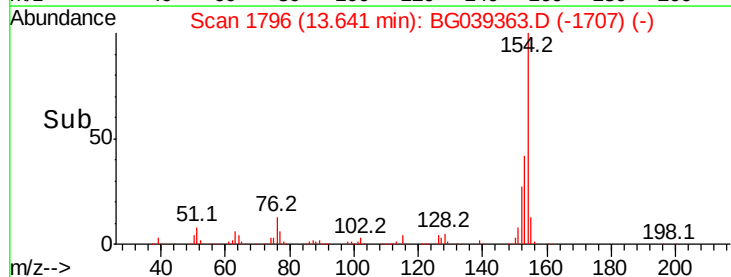
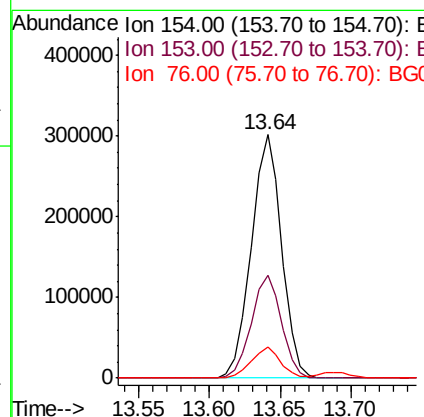
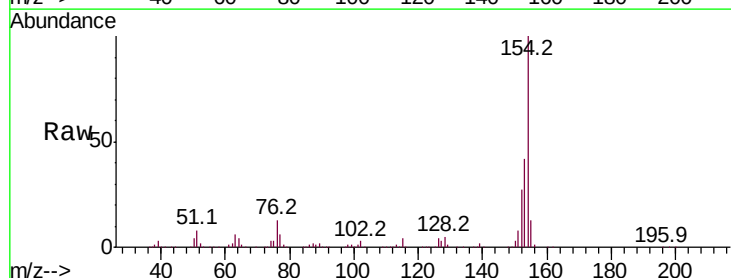
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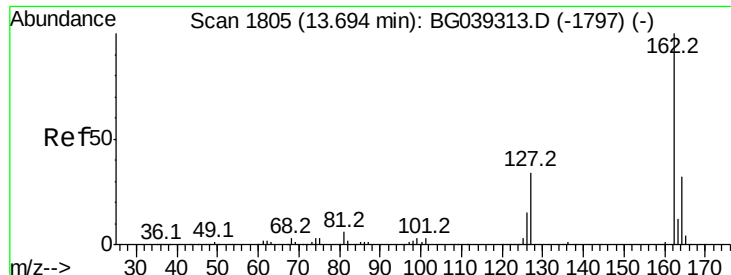
mohammad
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#46
1,1'-Biphenyl
Concen: 39.234 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	452333		
153	42.2		22.1	62.1
76	12.6		0.0	32.4





#47

2-Chloronaphthalene

Concen: 40.178 ng

RT: 13.69 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

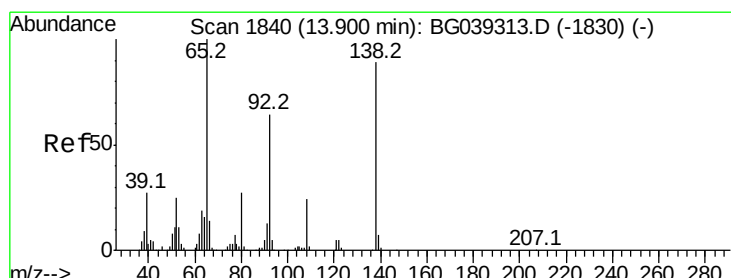
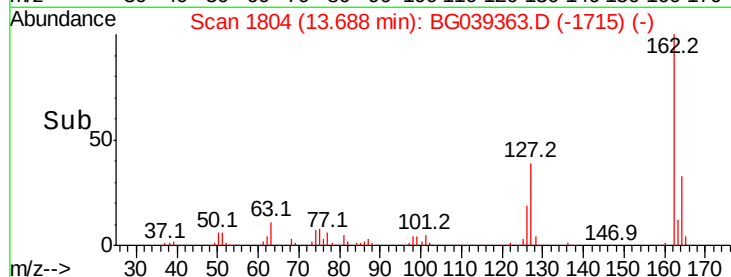
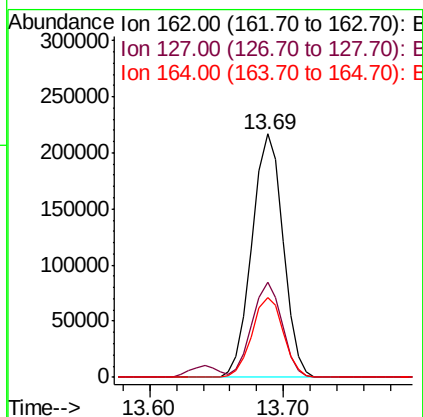
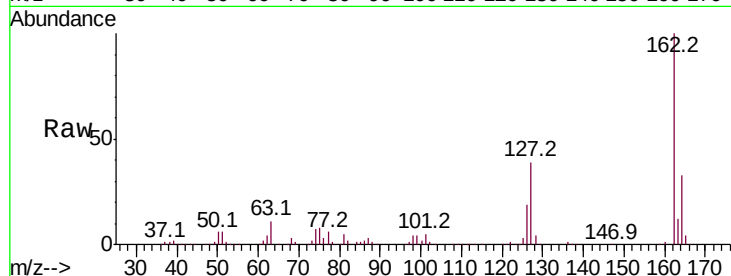
ClientSampleId :

PB116850BS

Tot Ion:	162	Resp:	348462
Ion Ratio	Lower	Upper	
162	100		
127	39.1	31.0	46.6
164	33.0	25.7	38.5

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#48

2-Nitroaniline

Concen: 42.568 ng

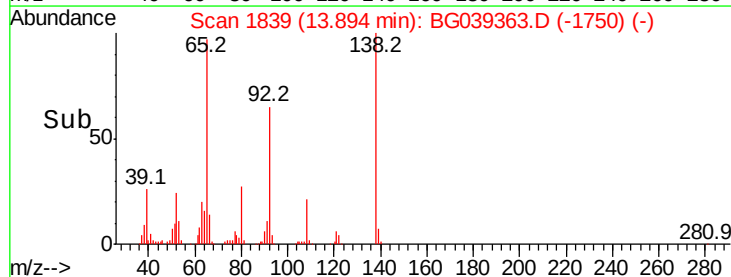
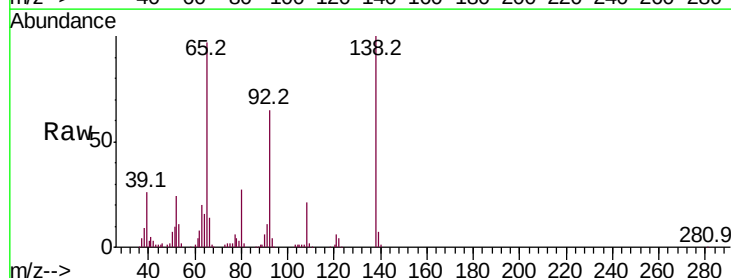
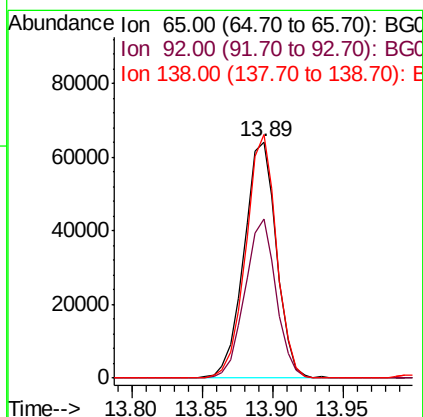
RT: 13.89 min Scan# 1839

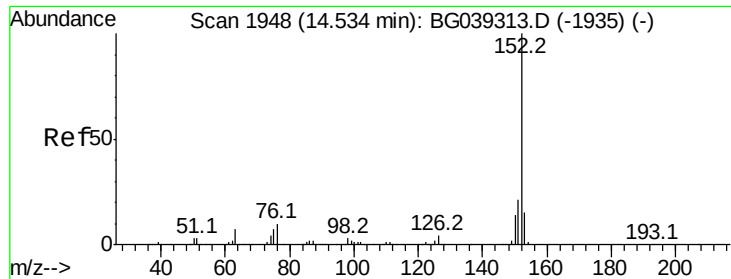
Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	65	Resp:	103228
Ion Ratio	Lower	Upper	
65	100		
92	67.4	51.4	77.2
138	103.1	71.4	107.2





#49

Acenaphthylene

Concen: 42.684 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

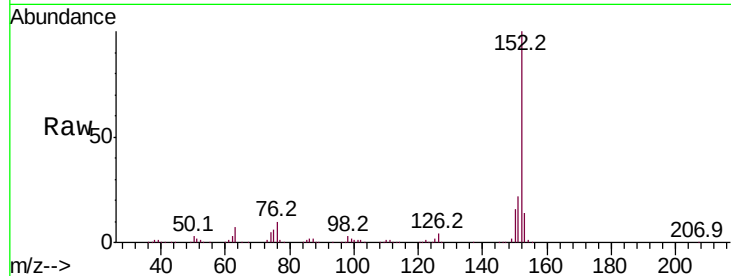
ClientSampleId :

PB116850BS

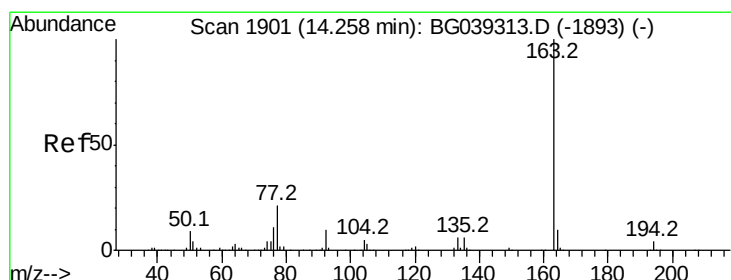
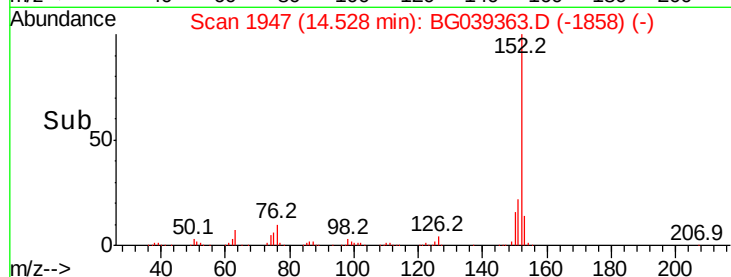
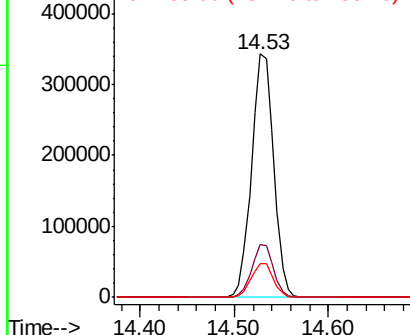
Tot Ion:	152	Resp:	558597
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.8	25.2
153	14.0	11.7	17.5

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



#50

Dimethylphthalate

Concen: 39.969 ng

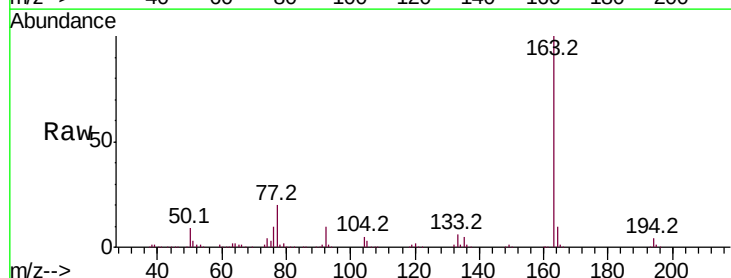
RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

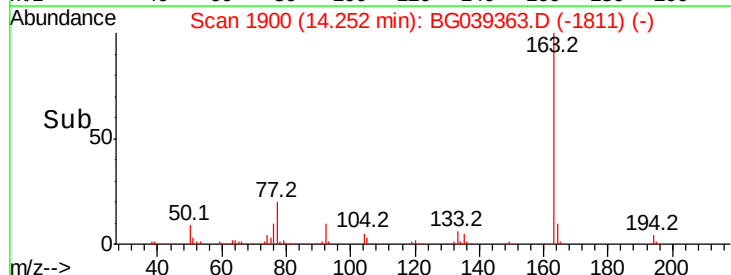
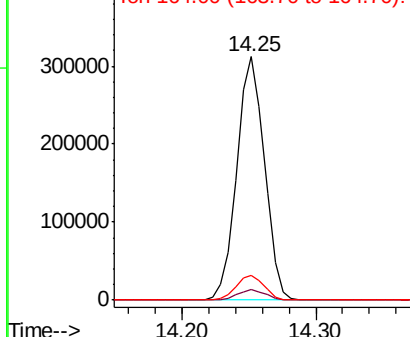
Lab File: BG039363.D

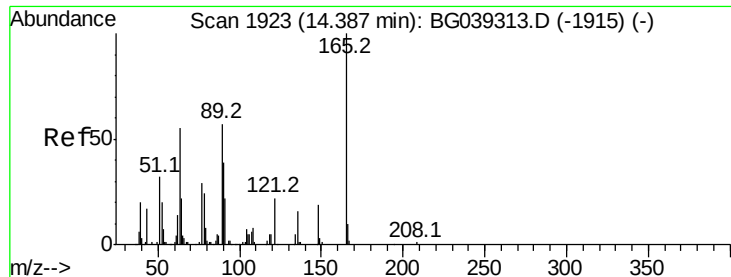
Acq: 5 Feb 2019 20:44

Tgt Ion:	163	Resp:	447301
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.1	8.4	12.6



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





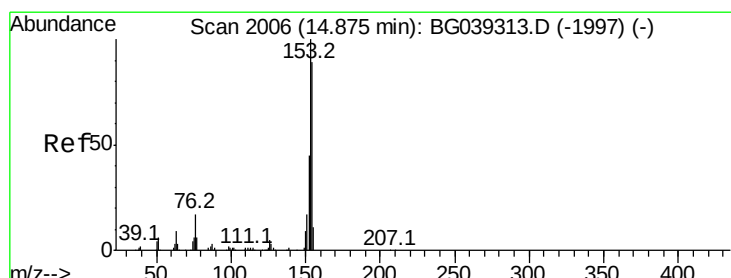
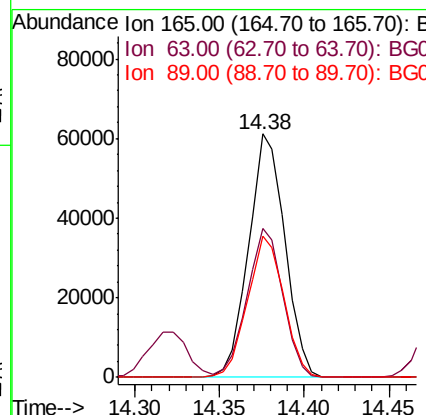
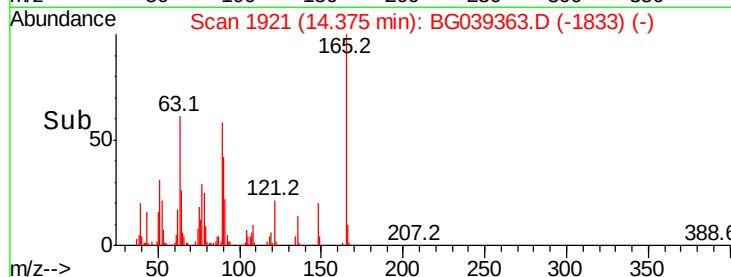
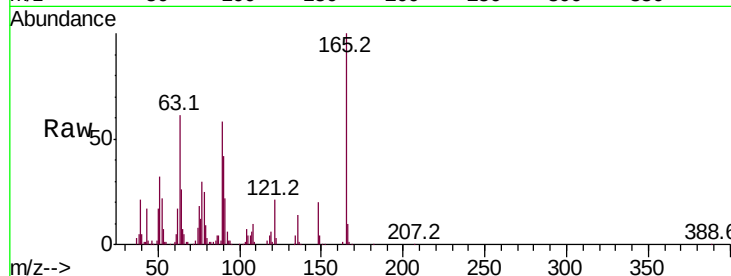
#51
2,6-Dinitrotoluene
Concen: 44.269 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.0	47.0	70.6
89	57.8	45.8	68.8

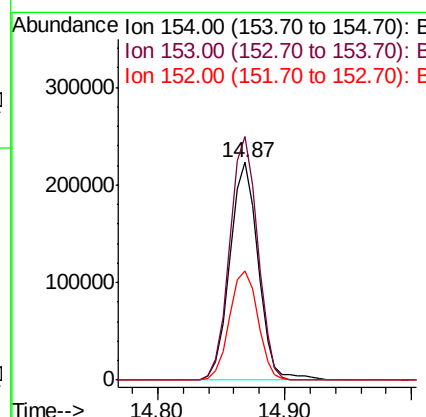
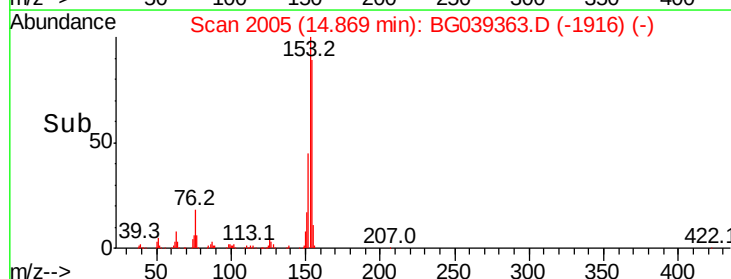
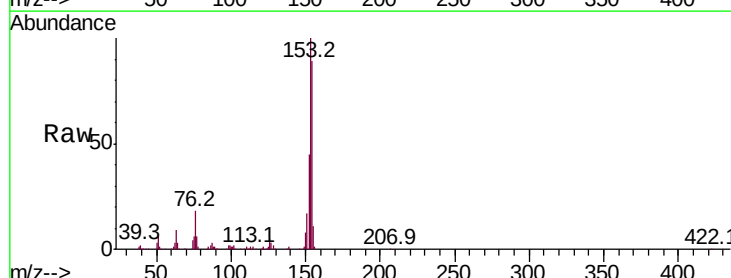
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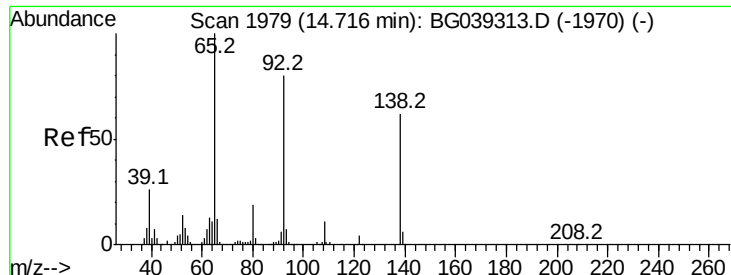
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#52
Acenaphthene
Concen: 40.619 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.1	135.1
152	50.0	40.9	61.3





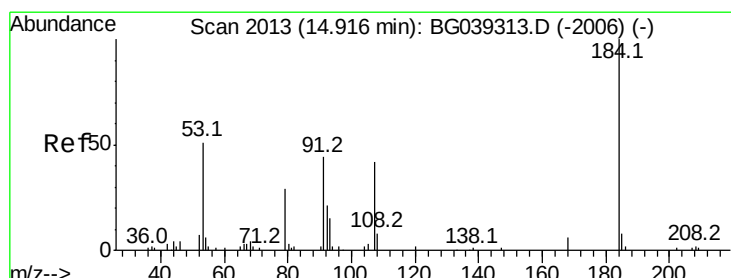
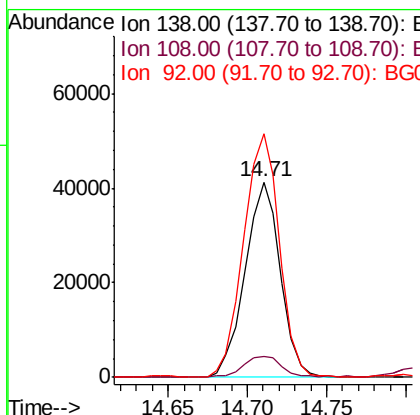
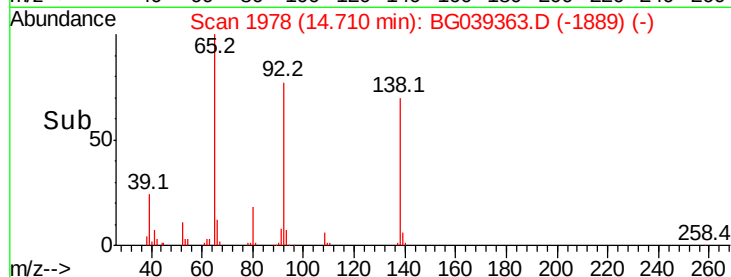
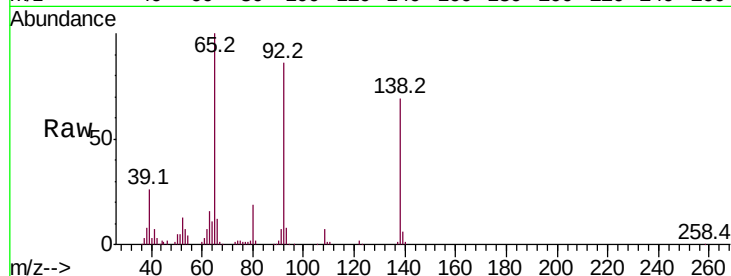
#53
3-Nitroaniline
Concen: 30.608 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion:138 Resp: 63691
Ion Ratio Lower Upper
138 100
108 10.7 13.8 20.8#
92 124.8 103.7 155.5

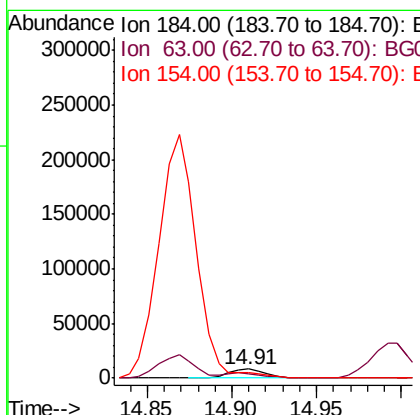
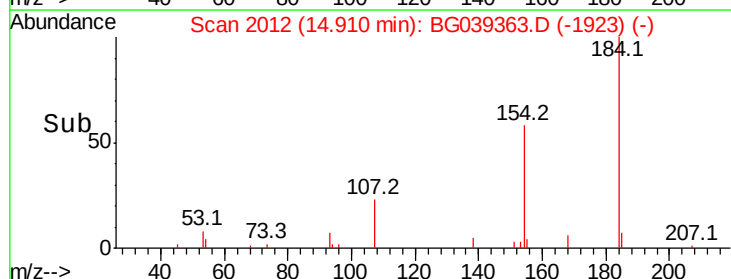
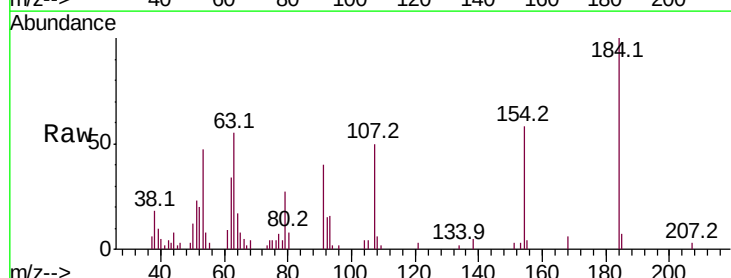
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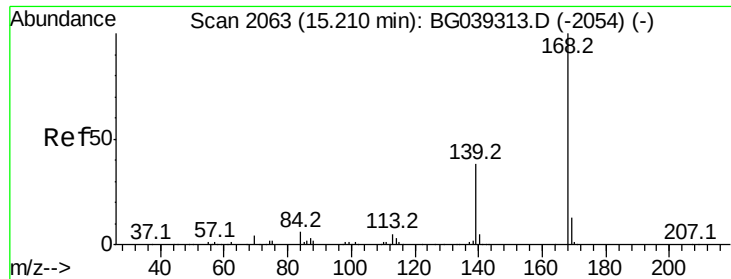
mohammad
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#54
2,4-Dinitrophenol
Concen: 21.897 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion:184 Resp: 12595
Ion Ratio Lower Upper
184 100
63 55.0 50.9 76.3
154 58.0 53.0 79.6





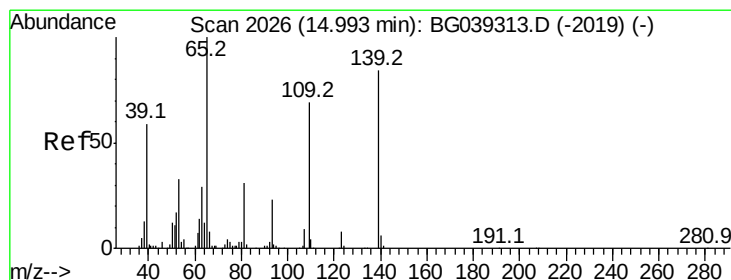
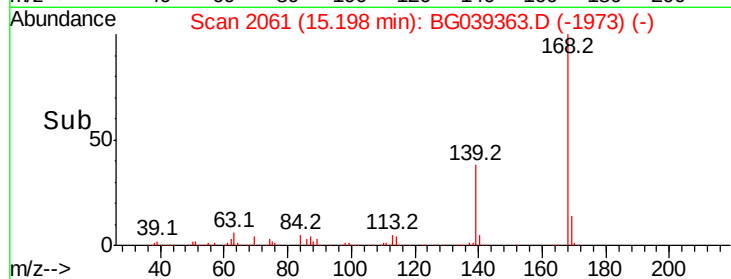
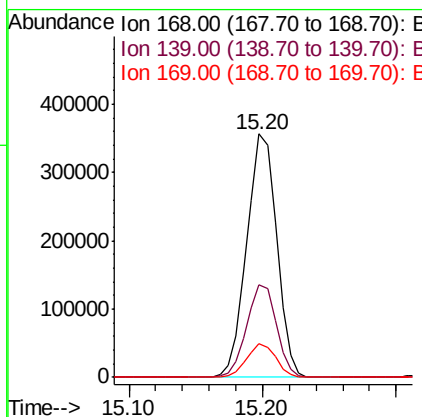
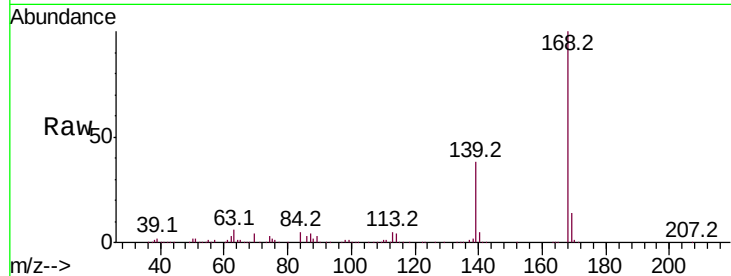
#55
Dibenzofuran
Concen: 40.407 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.8	10.6	16.0

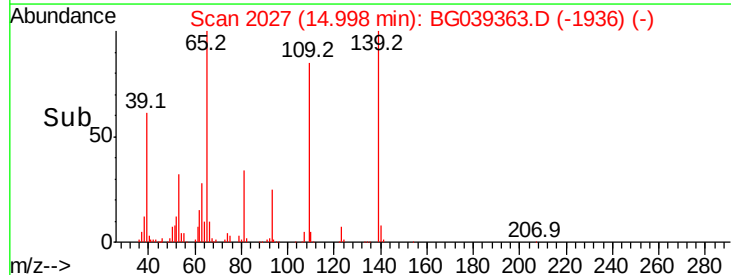
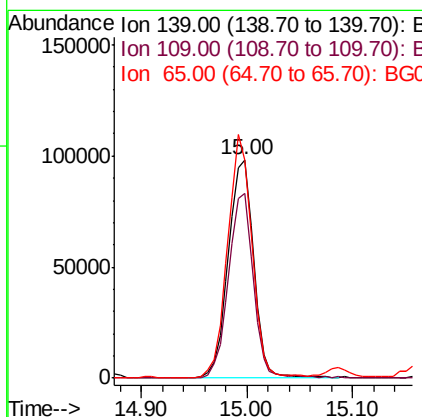
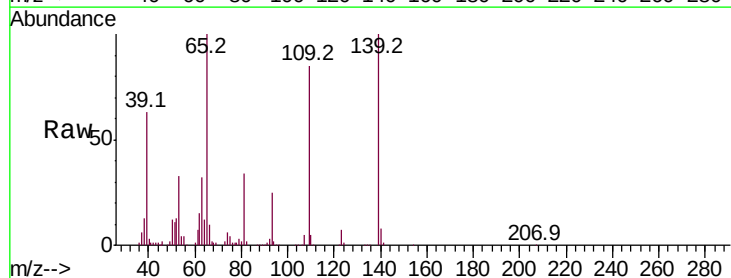
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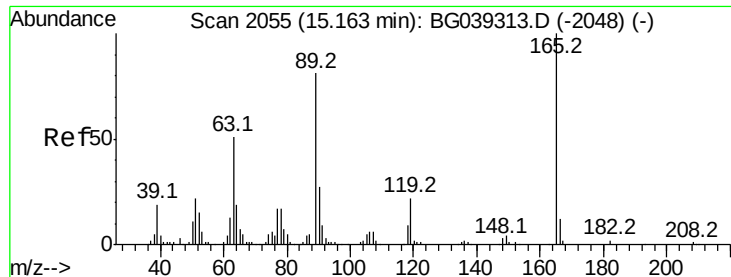
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#56
4-Nitrophenol
Concen: 80.485 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.6	61.9	101.9
65	99.9	99.1	139.1





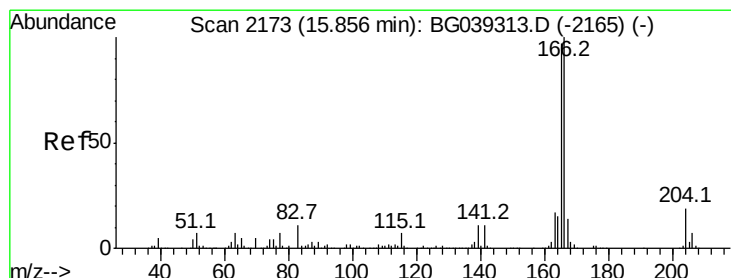
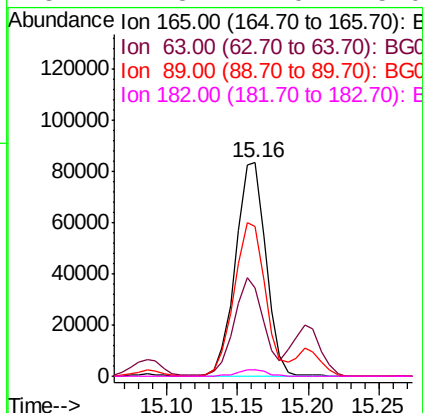
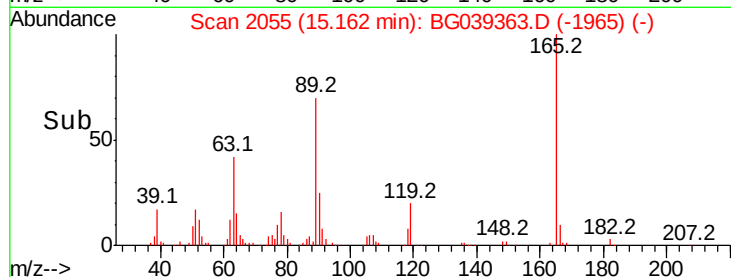
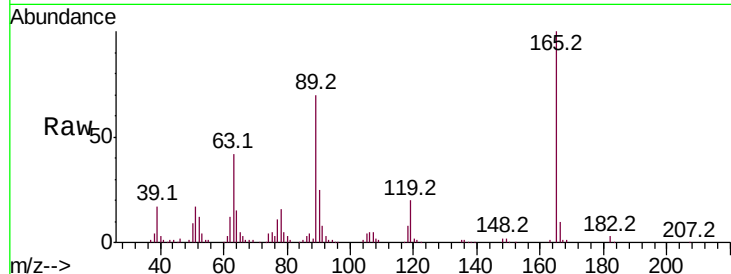
#57
 2,4-Dinitrotoluene
 Concen: 46.899 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. 0.00 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	41.6	41.0	61.6		
89	70.1	64.6	96.8		
182	2.8	2.0	3.0		

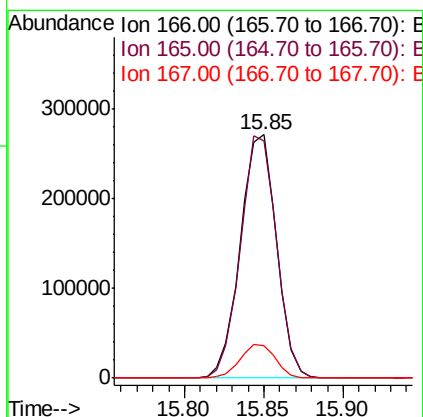
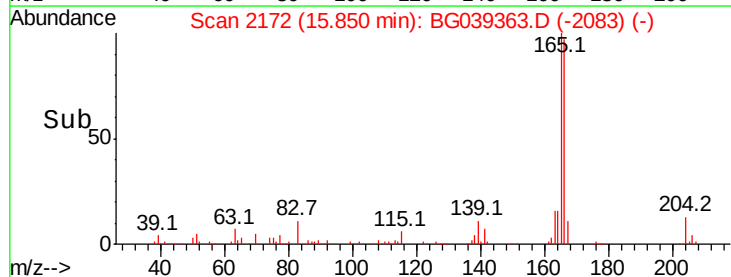
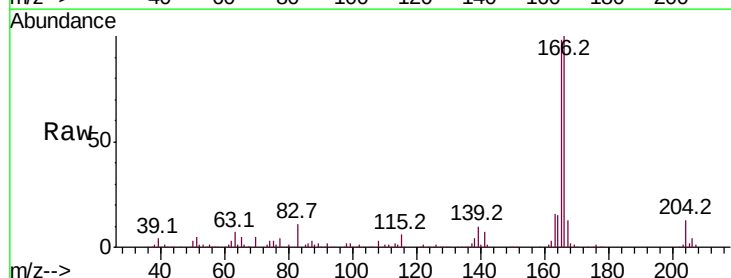
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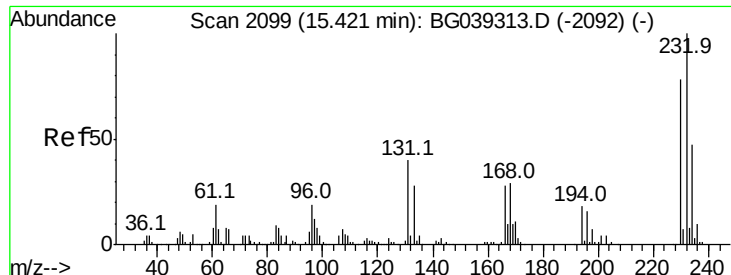
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#58
 Fluorene
 Concen: 42.208 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	97.6	77.9	116.9		
167	13.4	10.8	16.2		





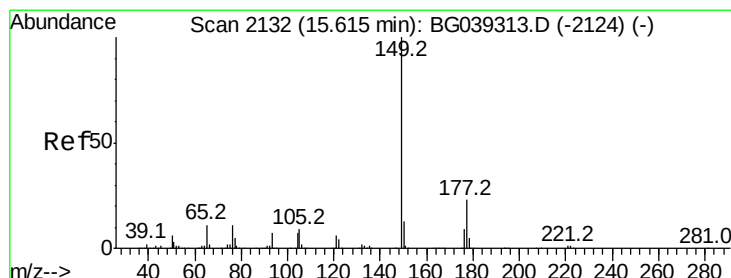
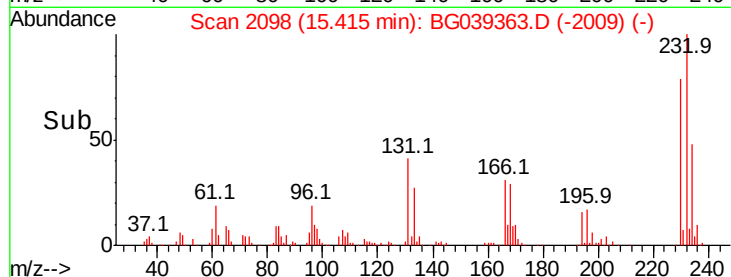
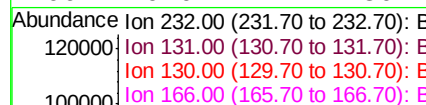
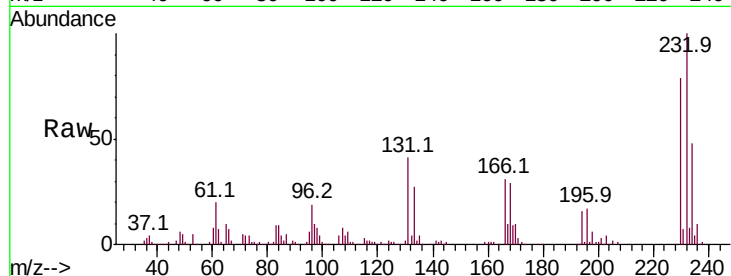
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.617 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	34.9	52.3
130	2.4	2.0	3.0
166	29.0	24.1	36.1

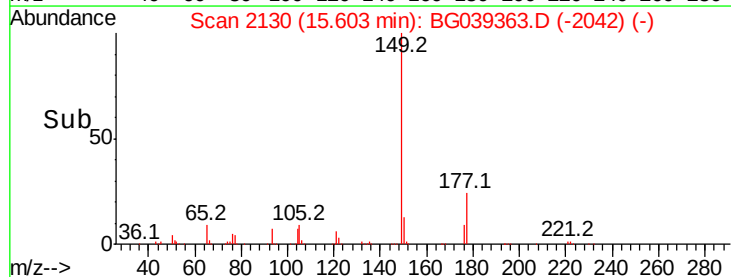
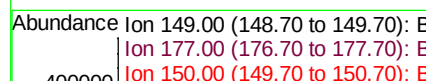
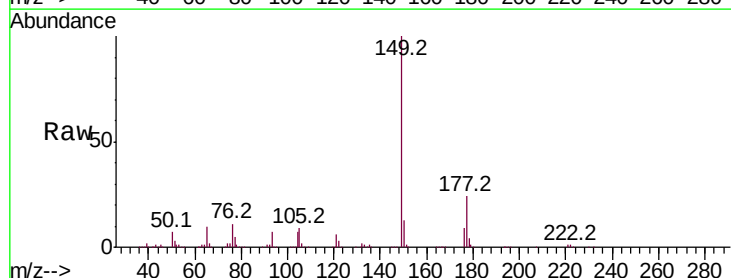
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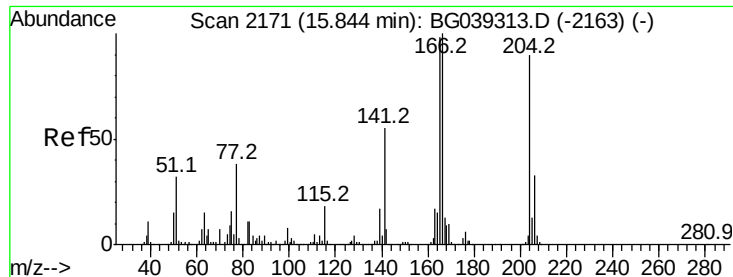
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#60
 Diethylphthalate
 Concen: 39.312 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	13.4	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 39.329 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

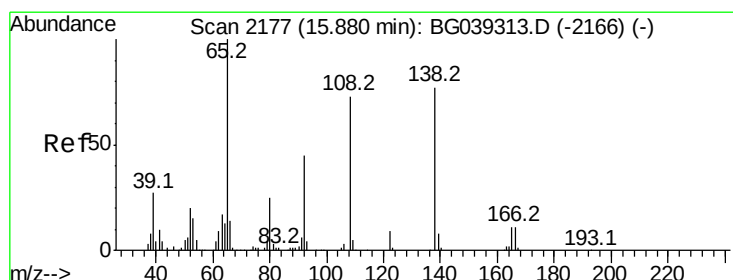
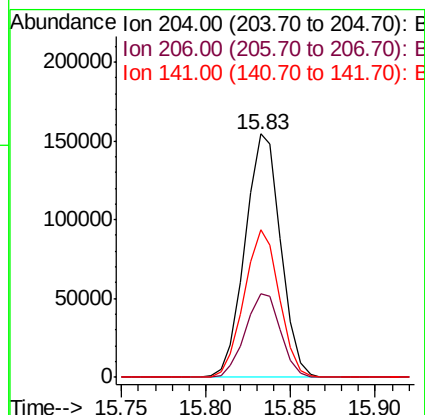
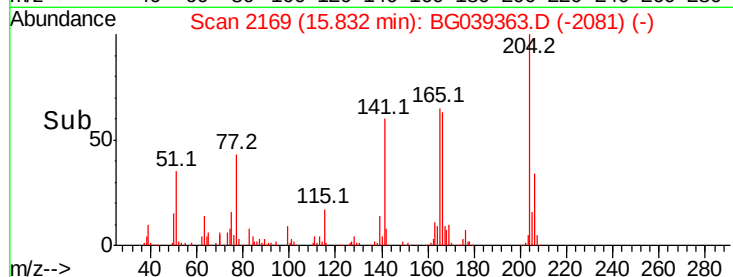
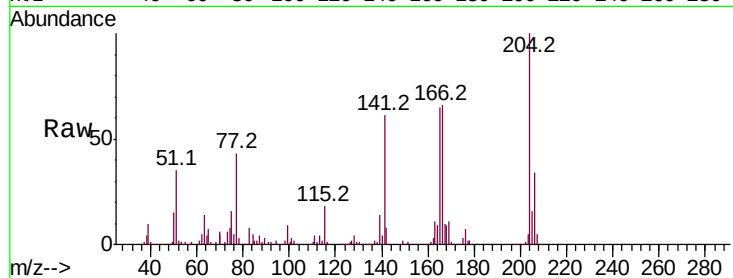
ClientSampleId :

PB116850BS

Tot Ion:	204	Resp:	226107
Ion Ratio		Lower	Upper
204	100		
206	34.5	29.2	43.8
141	60.7	49.0	73.4

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#62

4-Nitroaniline

Concen: 45.048 ng

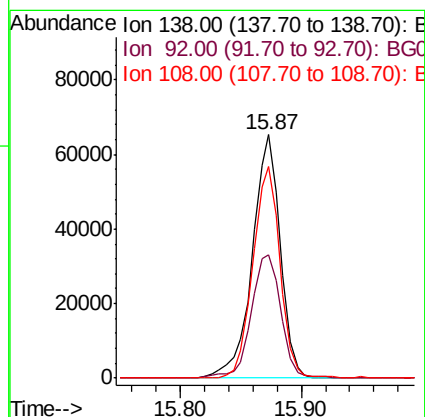
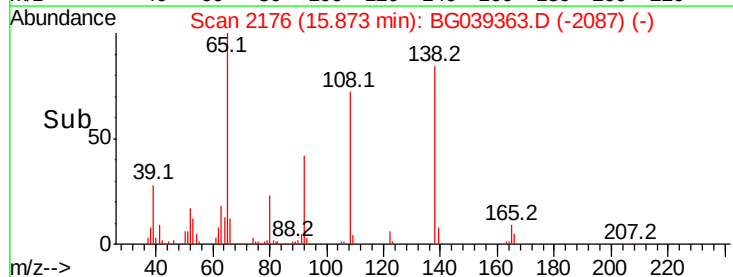
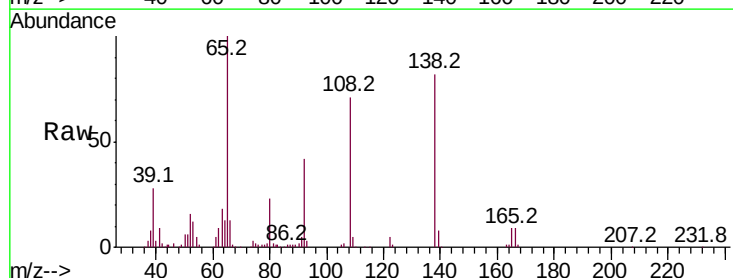
RT: 15.87 min Scan# 2176

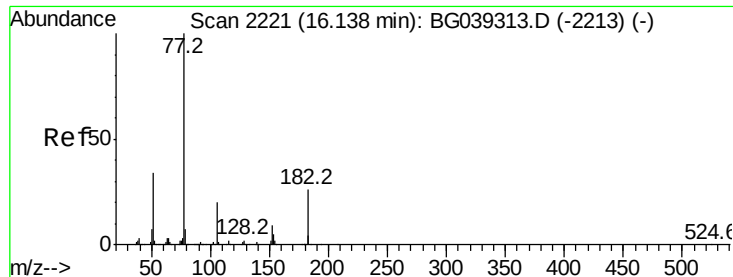
Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	138	Resp:	105051
Ion Ratio		Lower	Upper
138	100		
92	50.7	38.7	78.7
108	86.7	74.6	114.6





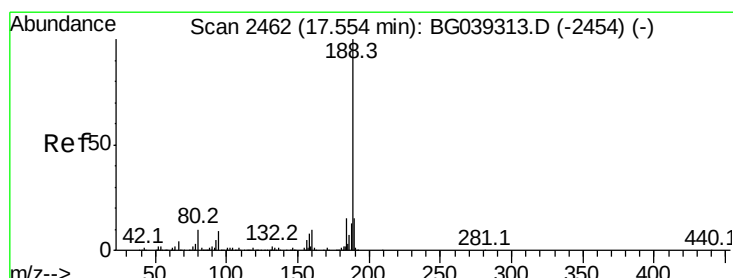
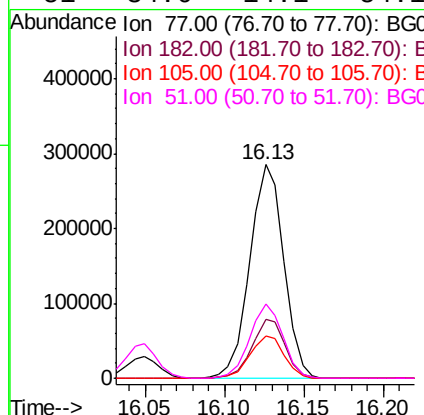
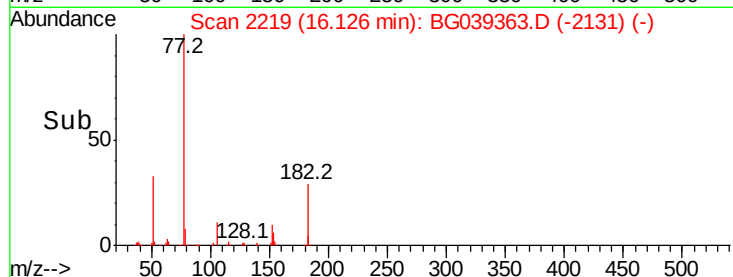
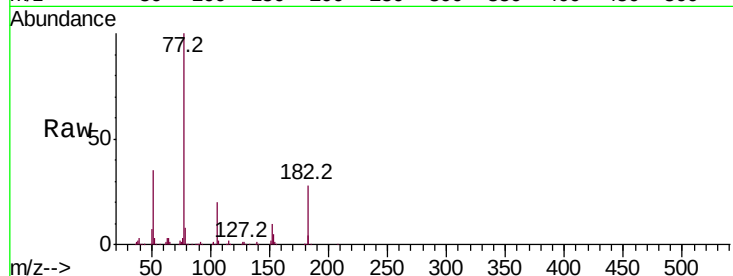
#63
Azobenzene
Concen: 37.425 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		423253		
182	27.6	6.4	46.4		
105	19.8	0.0	39.8		
51	34.6	14.1	54.1		

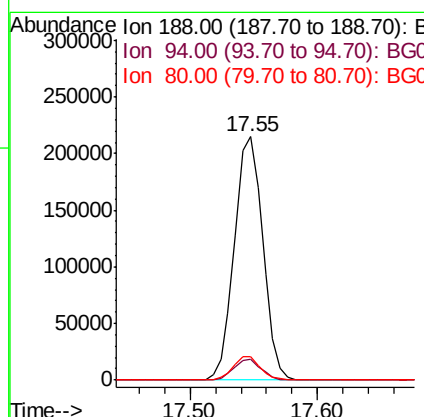
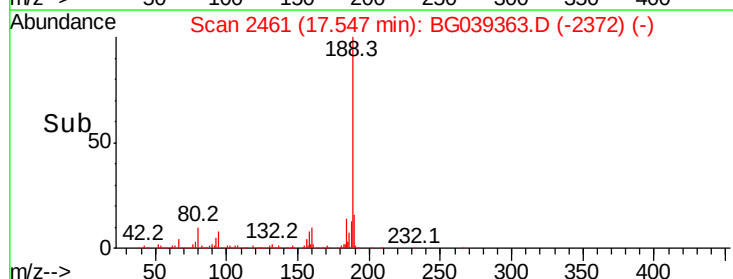
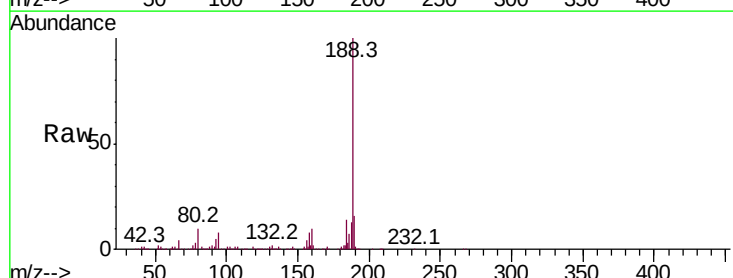
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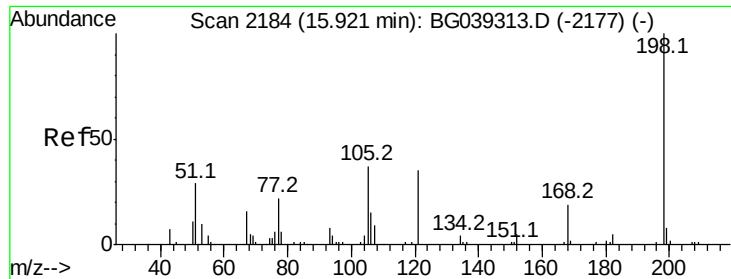
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		332820		
94	8.4	6.9	10.3		
80	9.7	8.1	12.1		





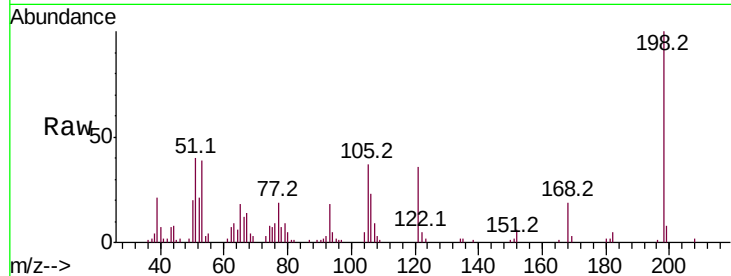
#65
4,6-Dinitro-2-methylphenol
Concen: 21.781 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

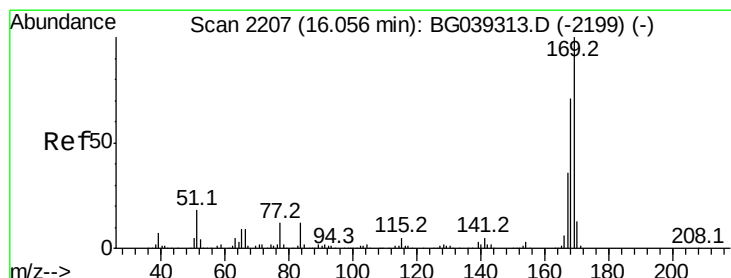
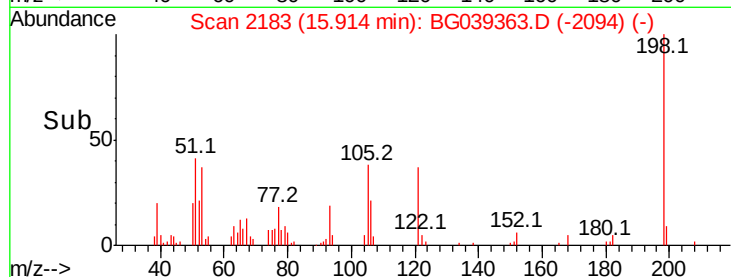
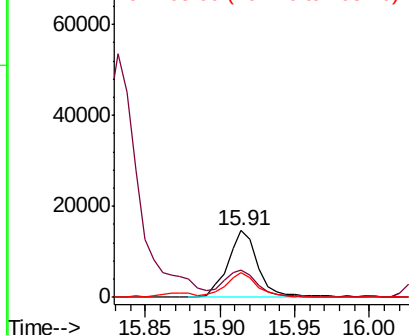
Tot Ion	Ratio	Resp	Lower	Upper
198	100	20942		
51	40.1		27.4	67.4
105	36.9		19.7	59.7

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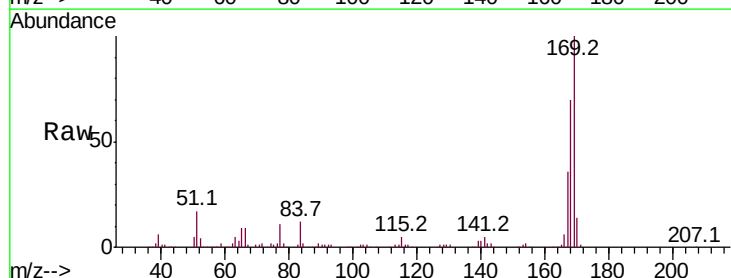


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

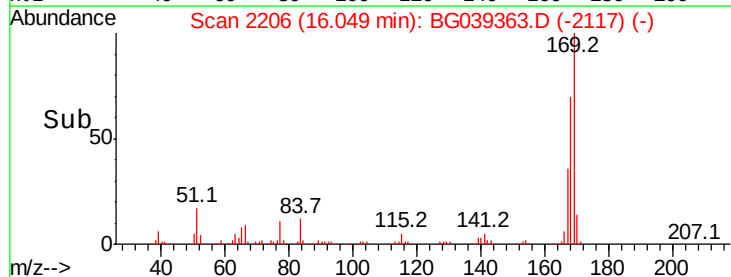
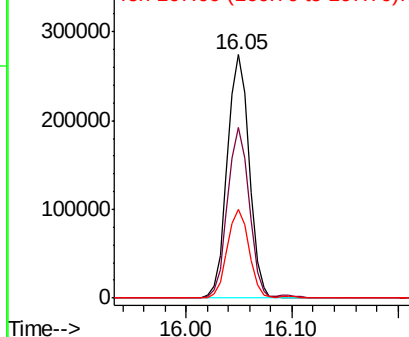


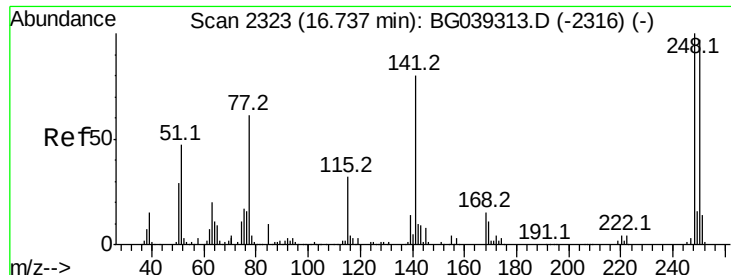
#66
n-Nitrosodiphenylamine
Concen: 38.714 ng
RT: 16.05 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	391781		
168	70.0		56.6	85.0
167	36.3		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





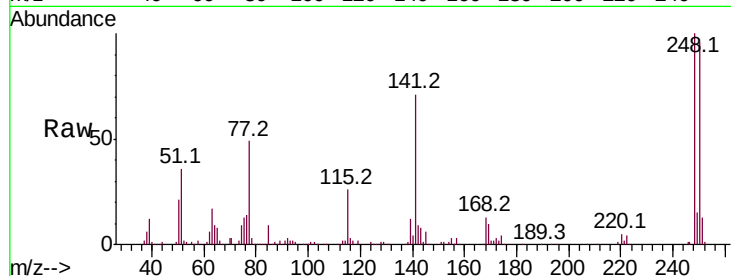
#67
4-Bromophenyl-phenylether
Concen: 39.313 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampled :
PB116850BS

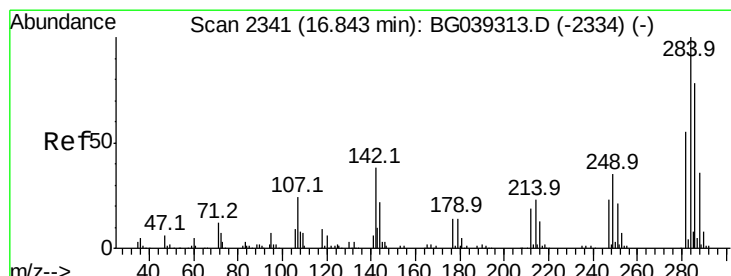
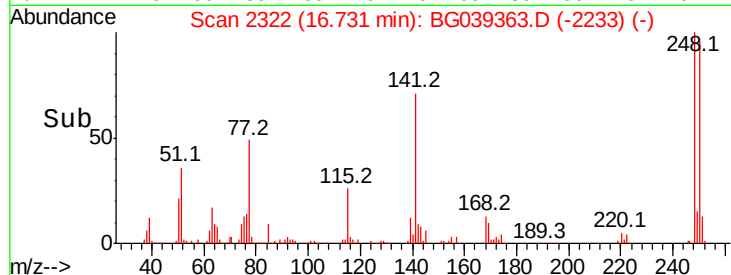
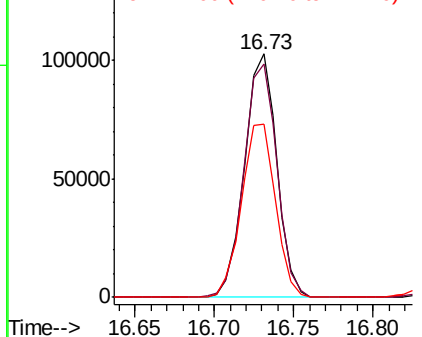
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.6	116.4
141	71.2	63.9	95.9

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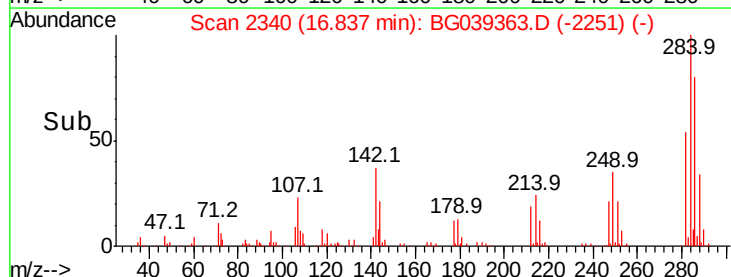
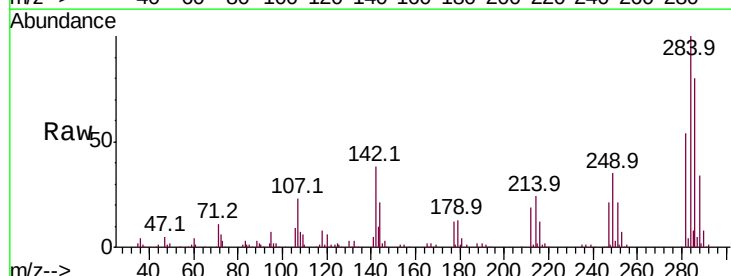
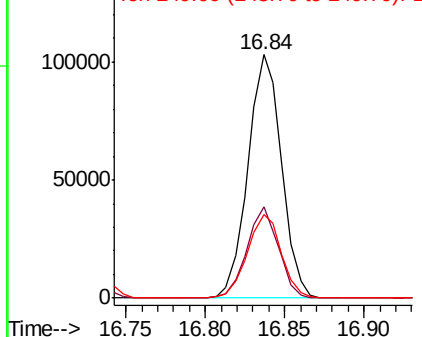
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

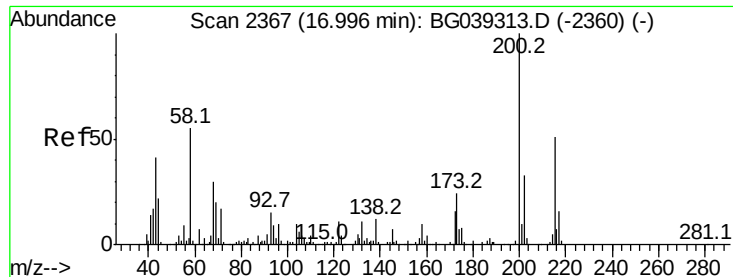


#68
Hexachlorobenzene
Concen: 40.792 ng
RT: 16.84 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.7	30.6	45.8
249	34.6	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





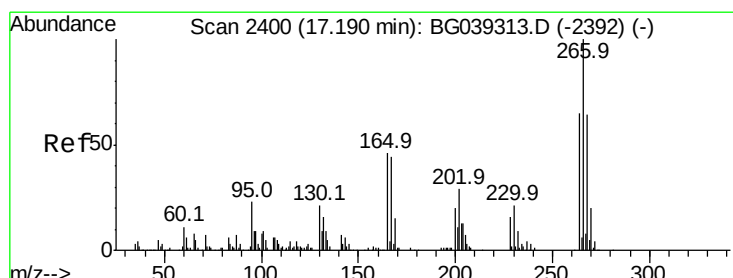
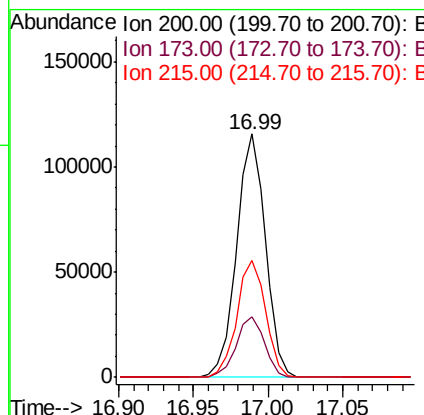
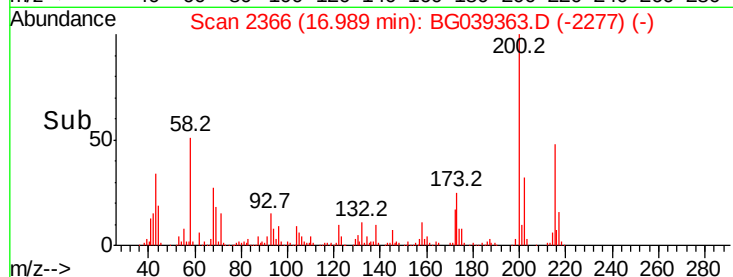
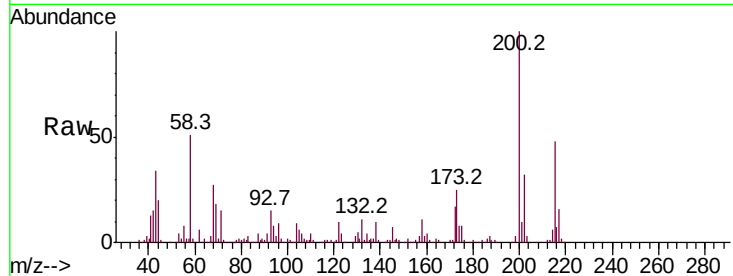
#69
Atrazine
Concen: 42.074 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.0	3.9	43.9
215	48.2	30.9	70.9

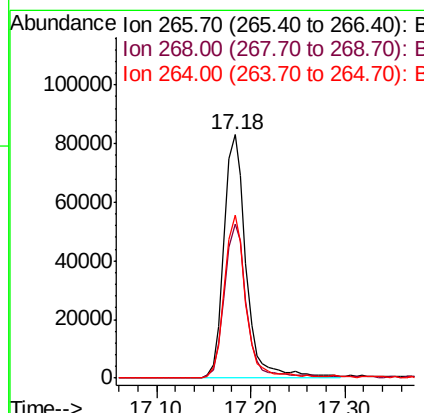
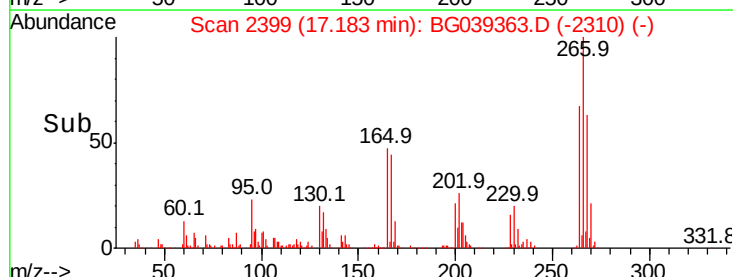
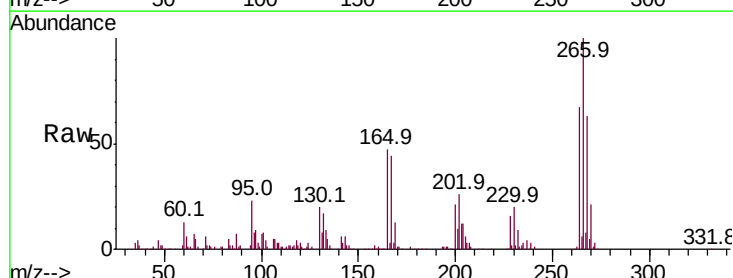
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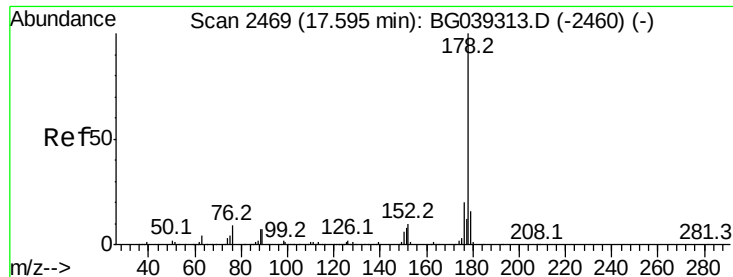
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#70
Pentachlorophenol
Concen: 53.512 ng
RT: 17.18 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.1	76.7
264	66.8	52.1	78.1





#71

Phenanthrene

Concen: 42.529 ng

RT: 17.59 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

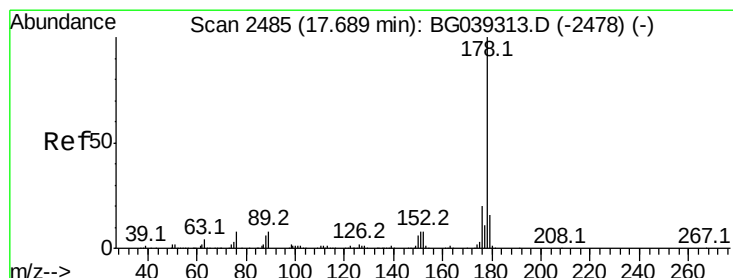
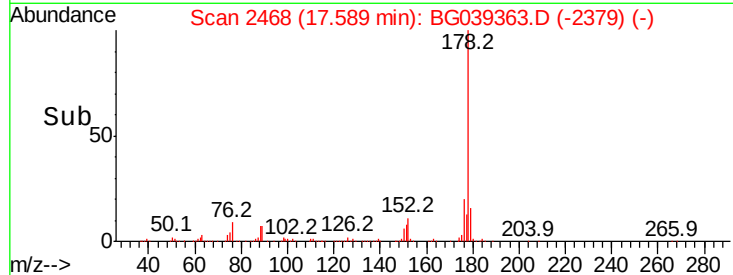
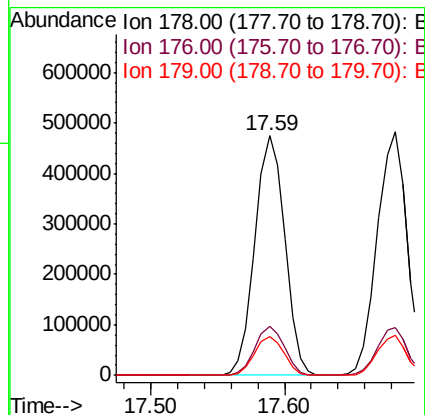
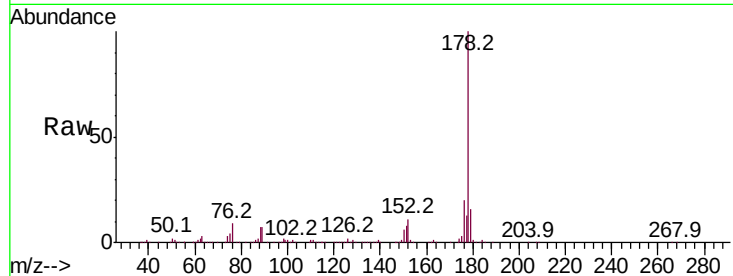
ClientSampleId :

PB116850BS

Tot Ion:178	Resp:	732599
Ion Ratio	Lower	Upper
178	100	
176	20.2	16.2 24.4
179	16.0	12.6 19.0

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#72

Anthracene

Concen: 43.770 ng

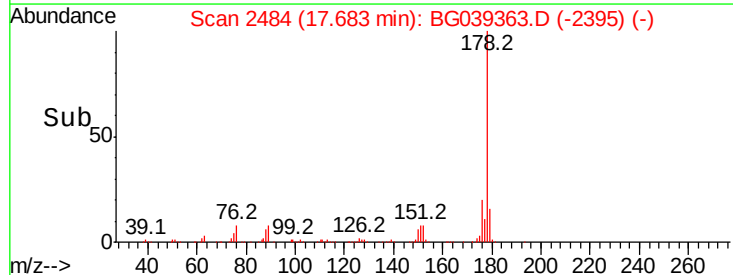
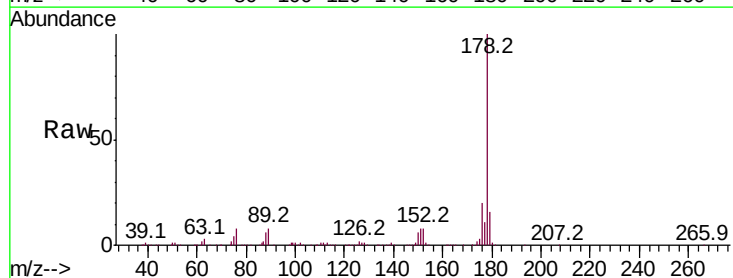
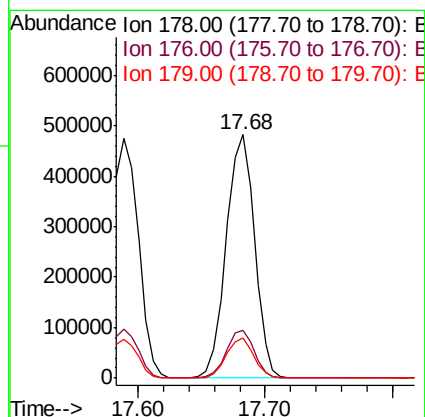
RT: 17.68 min Scan# 2484

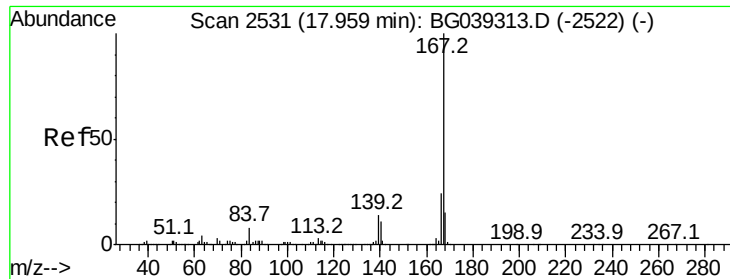
Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:178	Resp:	742660
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.8 23.6
179	16.3	12.5 18.7





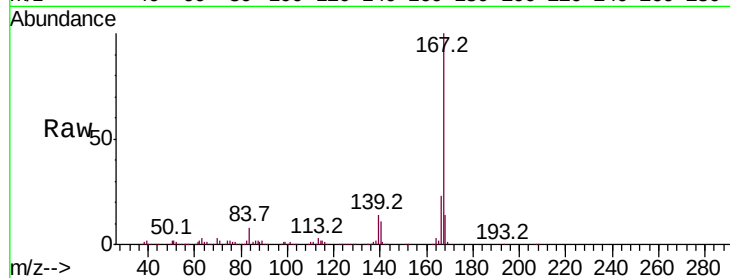
#73
 Carbazole
 Concen: 39.658 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	22.7	19.4	29.2
139	13.6	10.8	16.2

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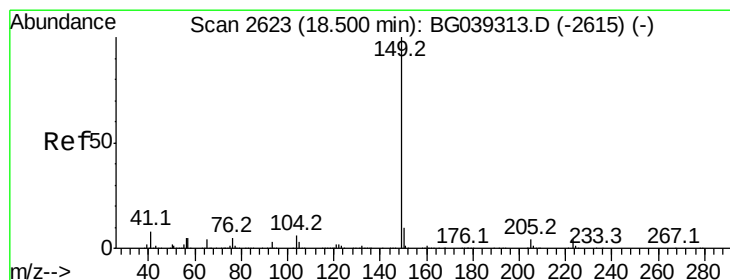
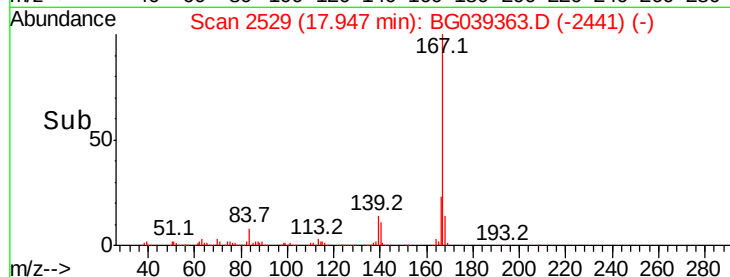
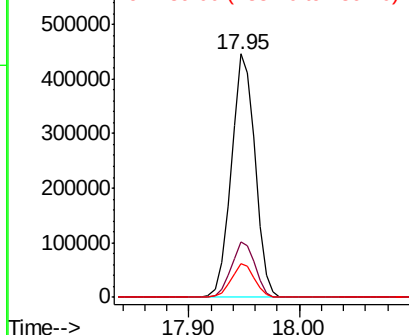


Abundance

Ion 167.00 (166.70 to 167.70): E

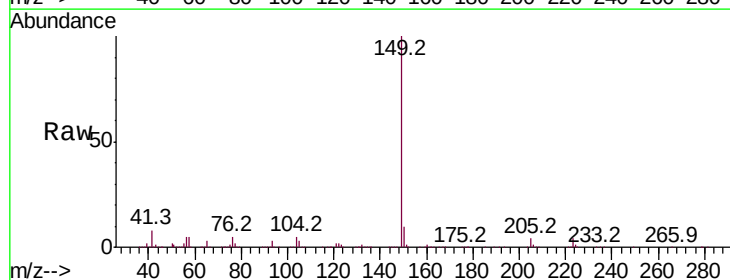
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.036 ng
 RT: 18.49 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.5	4.5	6.7

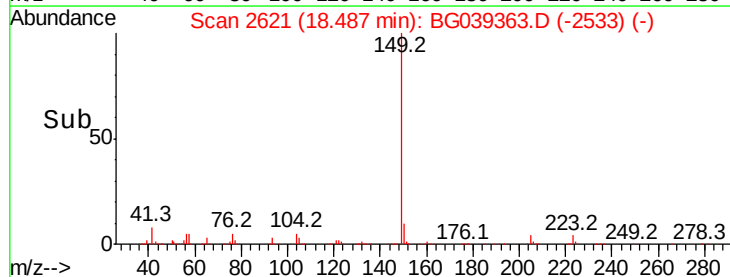
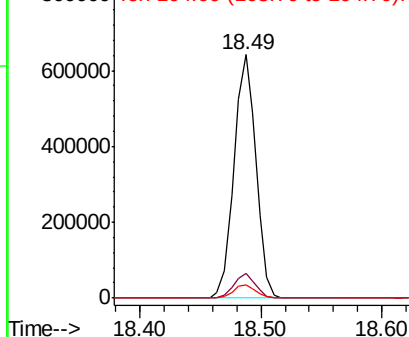


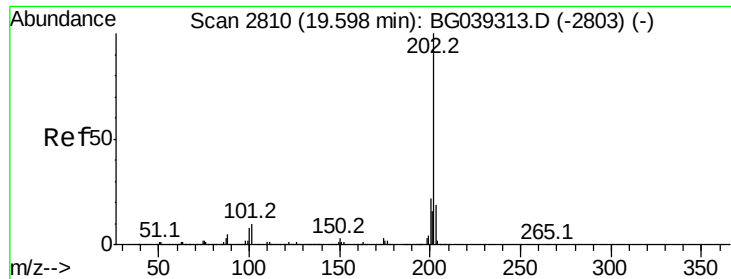
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.660 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

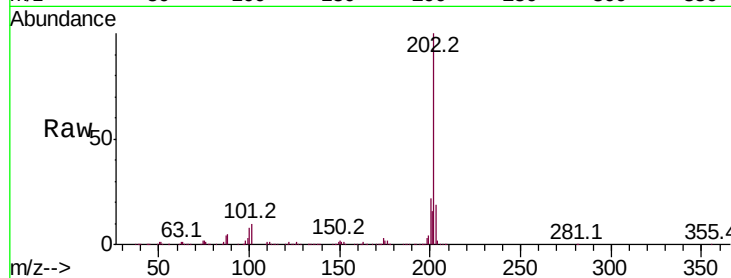
ClientSampleId :

PB116850BS

Tot Ion:	202	Resp:	912919
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.0
203	18.8	0.0	38.9

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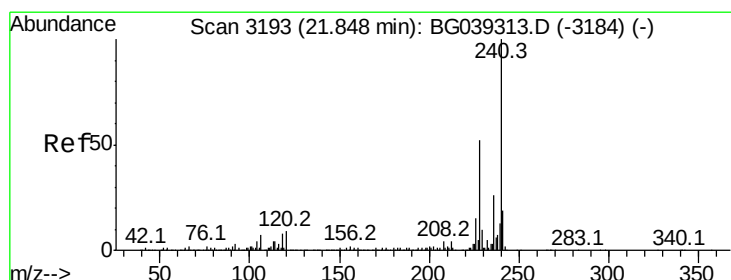
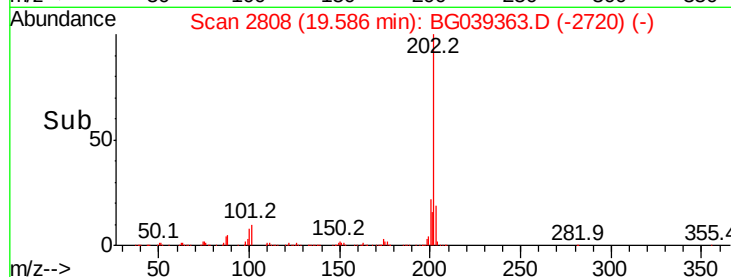
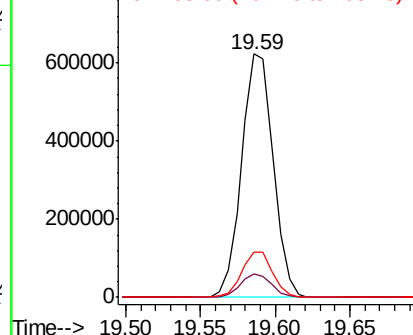


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

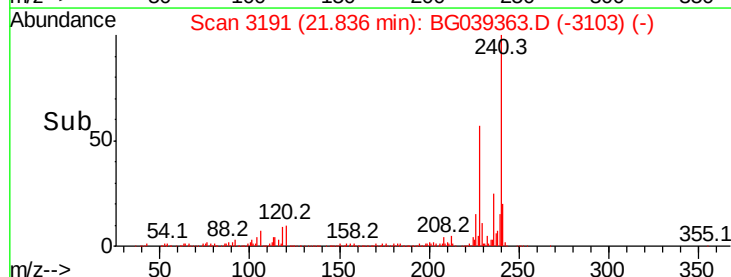
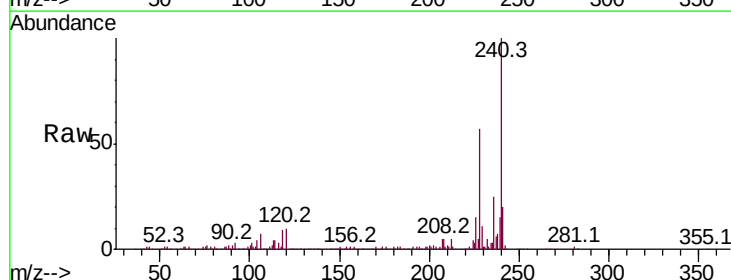
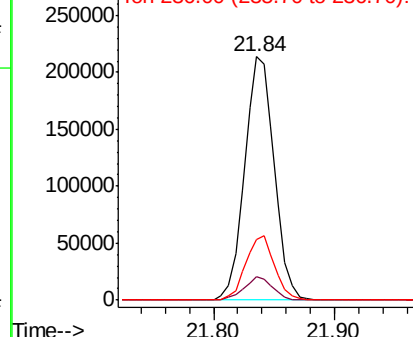
Tgt Ion:	240	Resp:	363155
Ion Ratio	Lower	Upper	
240	100		
120	9.5	7.0	10.6
236	25.1	21.0	31.4

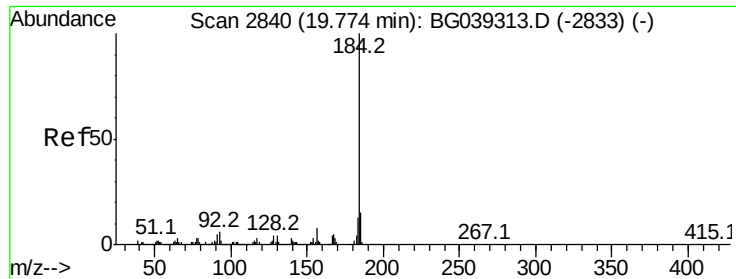
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.004 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

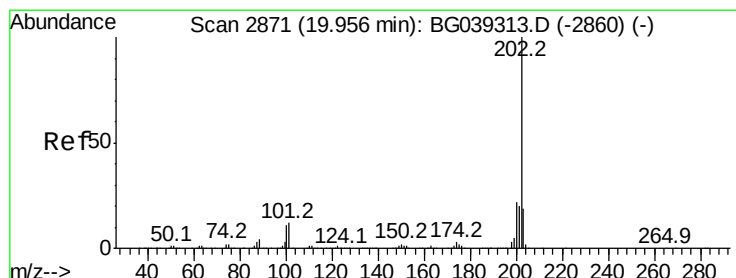
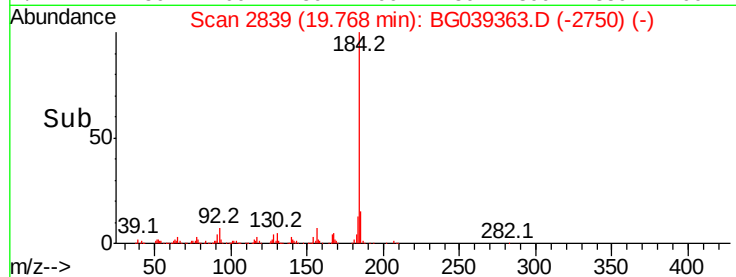
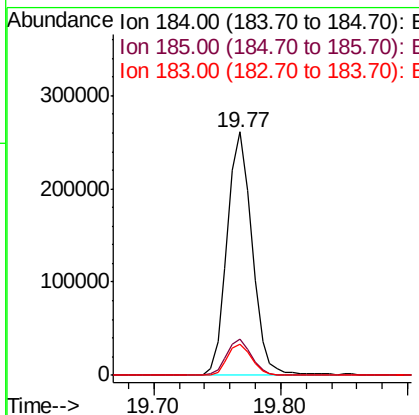
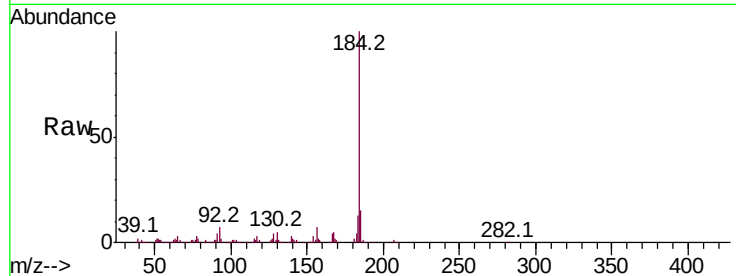
ClientSampleId :

PB116850BS

Tot Ion:	184	Resp:	357233
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.2	18.2
183	12.9	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 41.250 ng

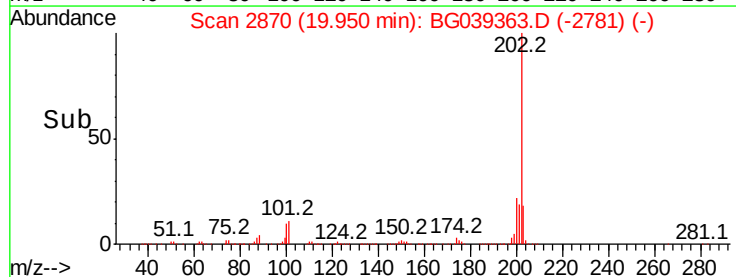
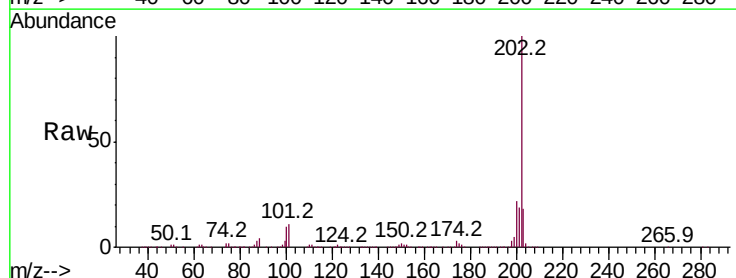
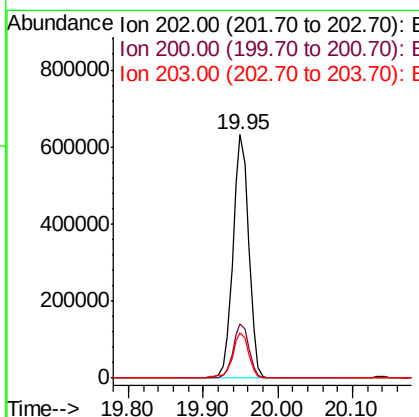
RT: 19.95 min Scan# 2870

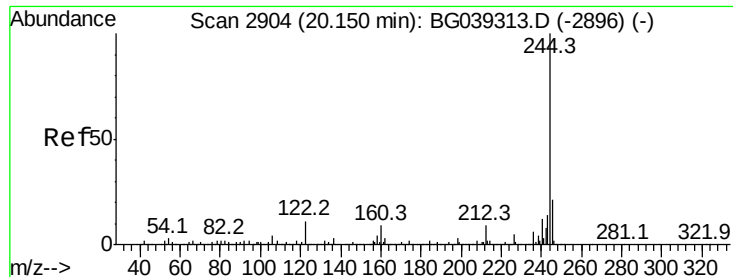
Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	202	Resp:	932550
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.8	26.8
203	18.3	15.3	22.9





#79

Terphenyl-d14

Concen: 79.754 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

ClientSampleId :

PB116850BS

Tot Ion:244 Resp: 1368318

Ion Ratio Lower Upper

244 100

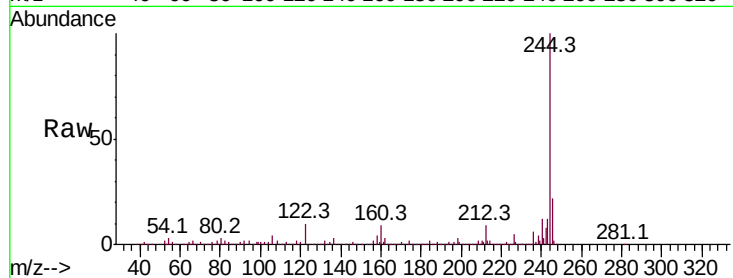
212 9.3 7.3 10.9

122 10.2 8.4 12.6

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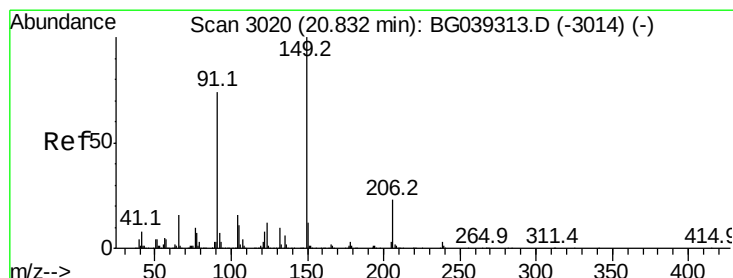
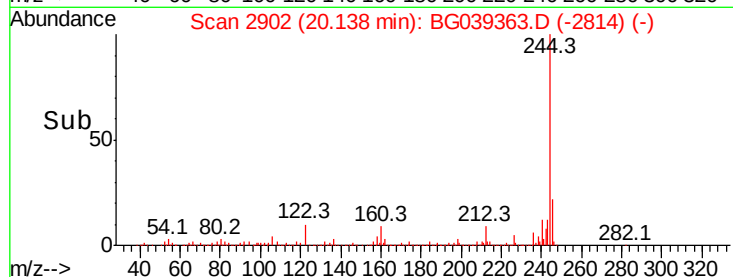
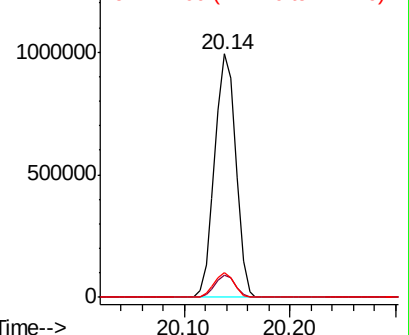
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.093 ng

RT: 20.83 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

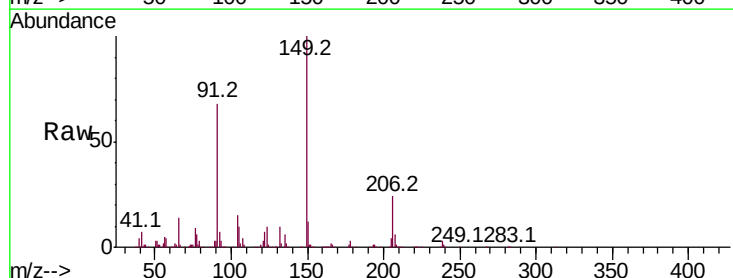
Tgt Ion:149 Resp: 382350

Ion Ratio Lower Upper

149 100

91 68.5 59.5 89.3

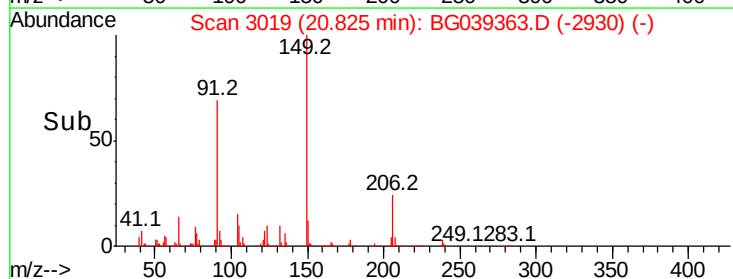
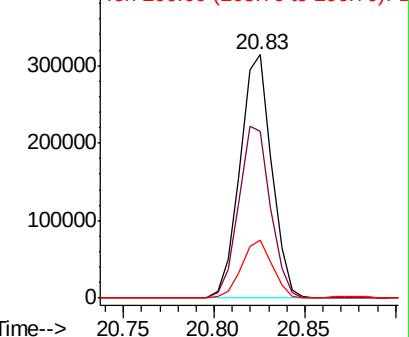
206 23.9 18.6 27.8

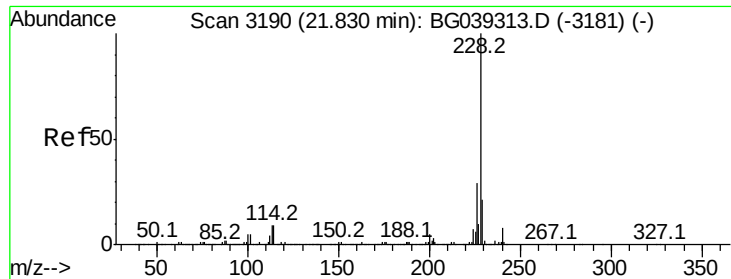


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





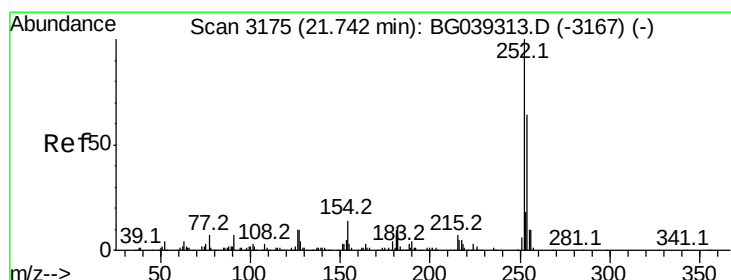
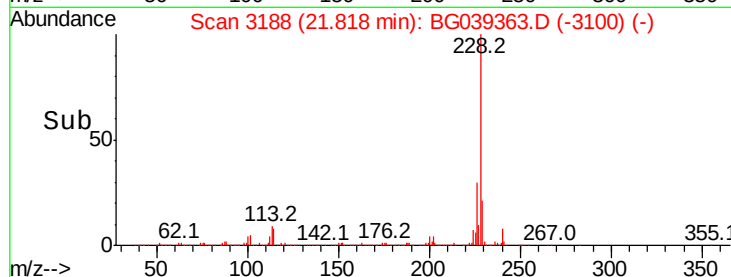
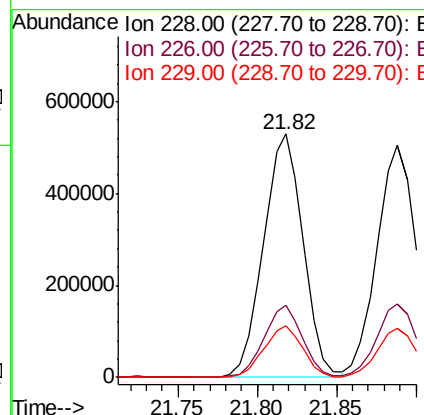
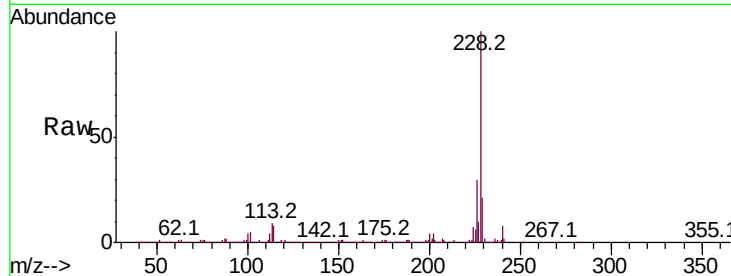
#81
Benzo(a)anthracene
Concen: 42.805 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	21.4	16.9	25.3

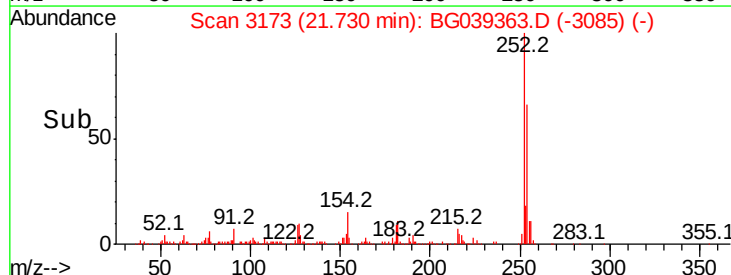
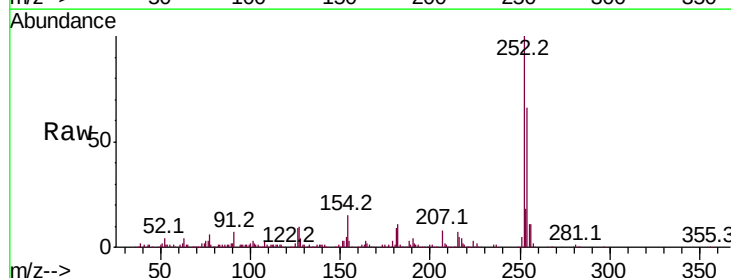
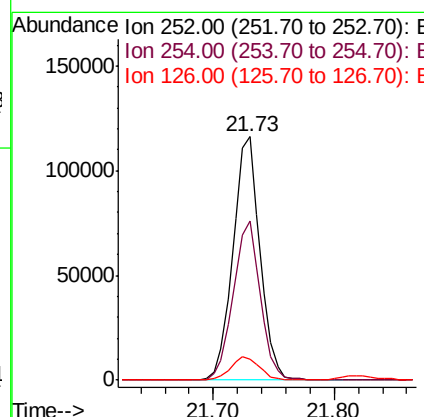
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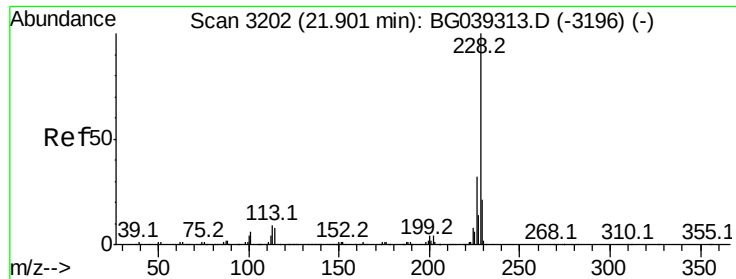
mohammad
2/6/2019 9:17:08 AM



#82
3,3'-Dichlorobenzidine
Concen: 22.680 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	8.8	8.0	12.0





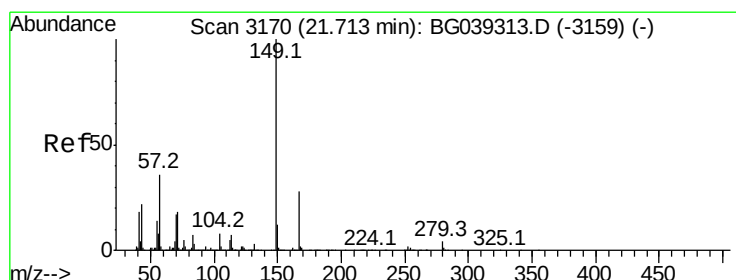
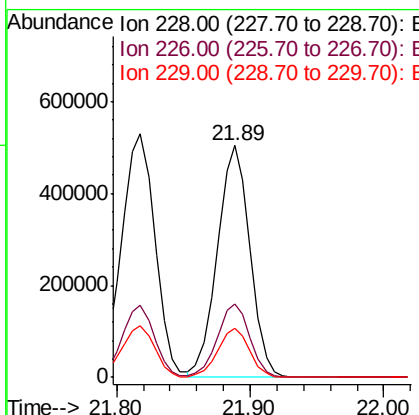
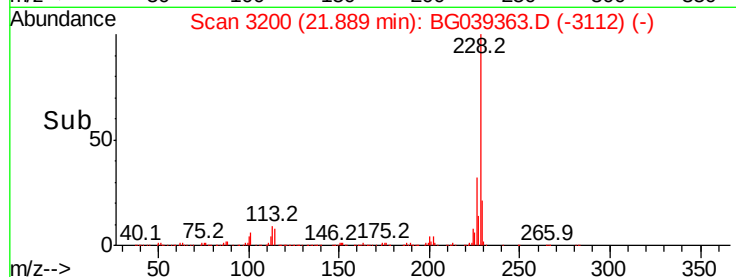
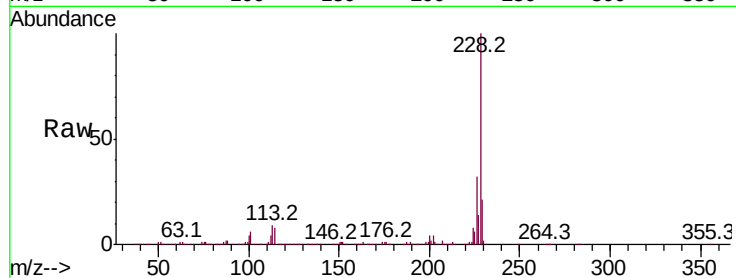
#83
 Chrysene
 Concen: 42.185 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Instrument :
 BNA_G
 ClientSampleId :
 PB116850BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.8	38.6
229	21.0	16.6	25.0

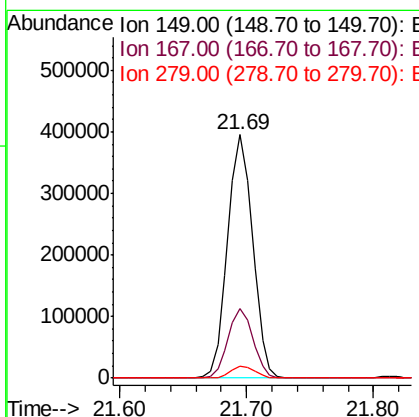
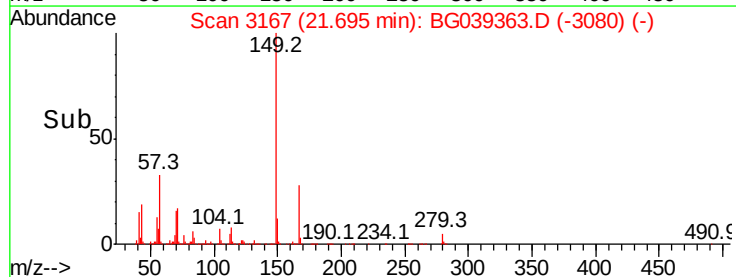
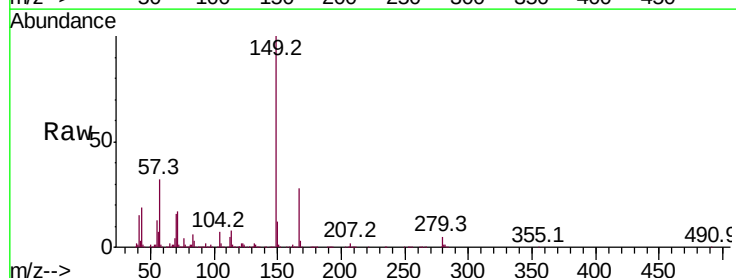
Manual Integrations
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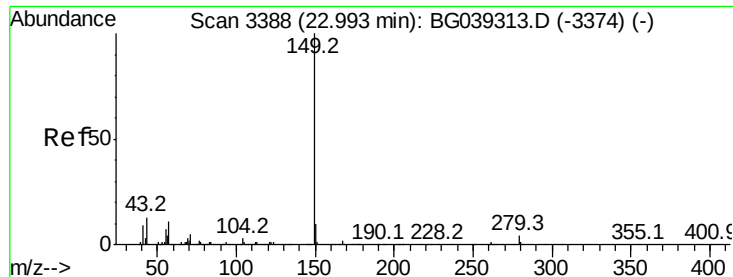
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.735 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039363.D
 Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	4.7	3.5	5.3





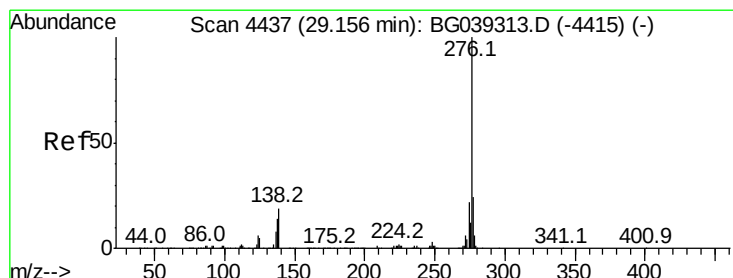
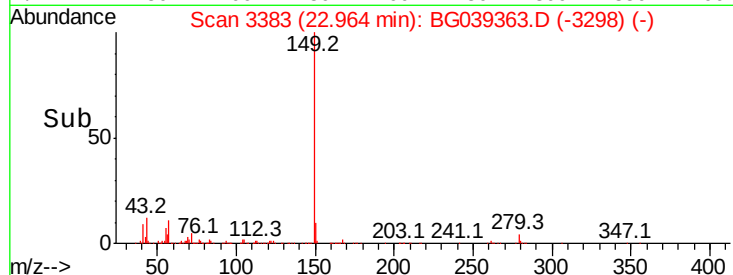
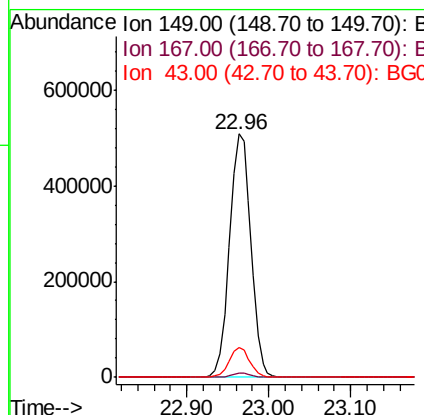
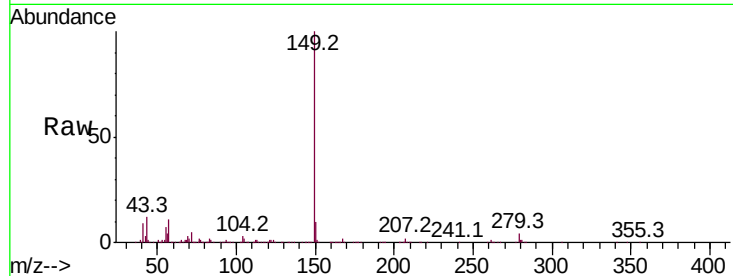
#85
Di-n-octyl phthalate
Concen: 41.157 ng
RT: 22.96 min Scan# 3383
Delta R.T. -0.03 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	925090		
167	1.6		1.3	1.9
43	11.5		10.2	15.4

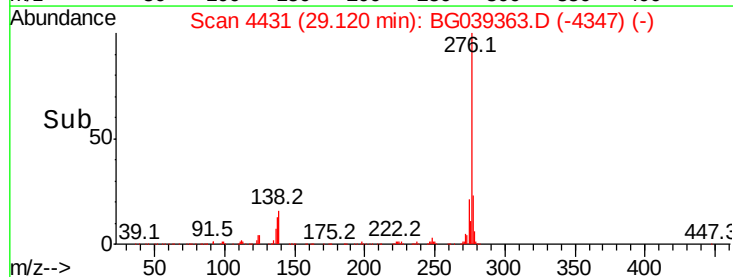
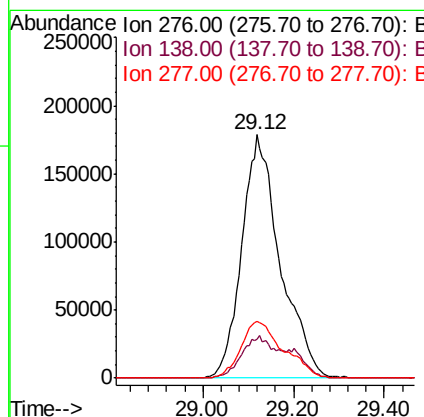
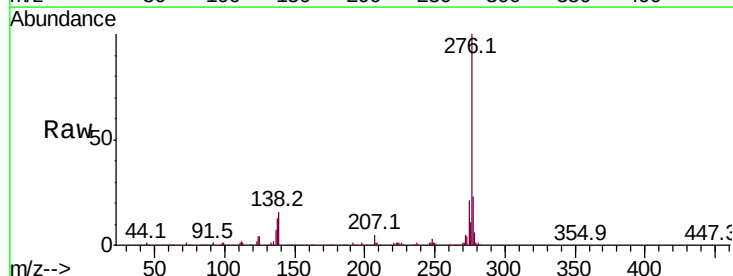
Manual Integrations
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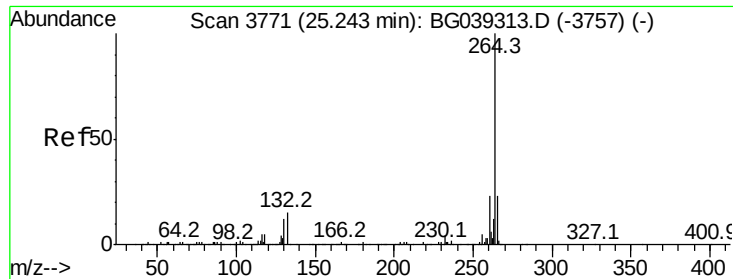
mohammad
2/6/2019 9:17:08 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.766 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1046875		
138	14.8		12.6	19.0
277	25.9		20.8	31.2





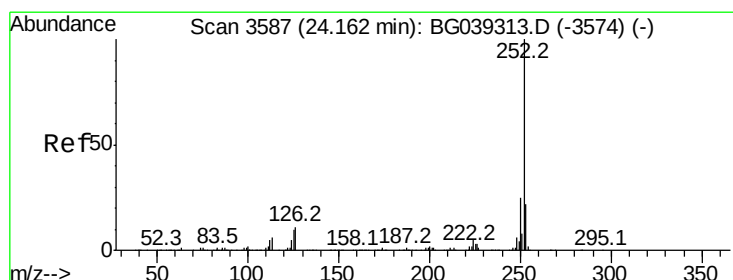
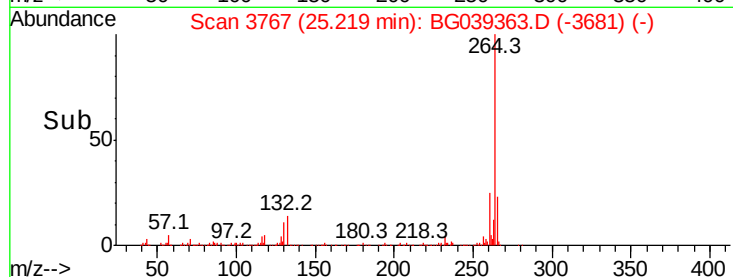
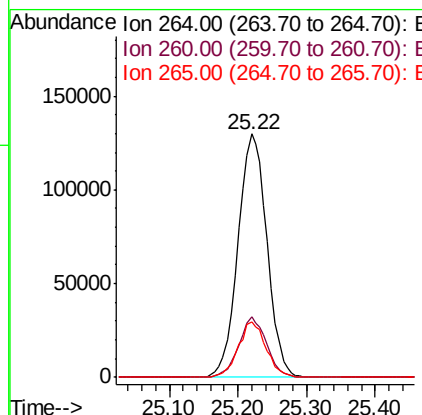
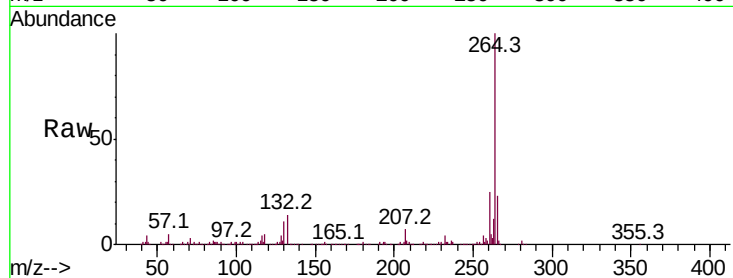
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.02 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Instrument :
BNA_G
ClientSampleId :
PB116850BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.8	18.5	27.7

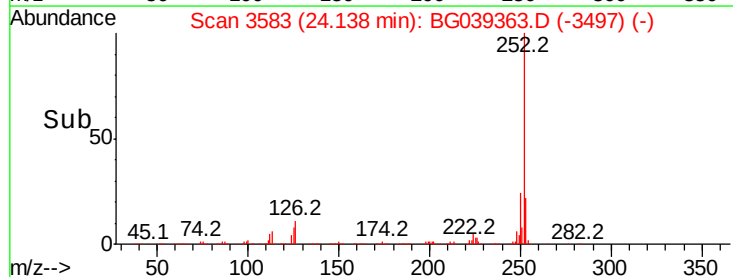
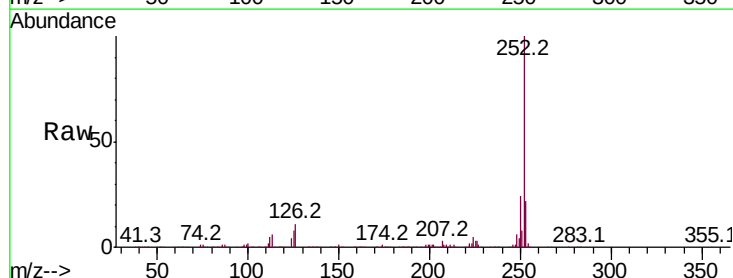
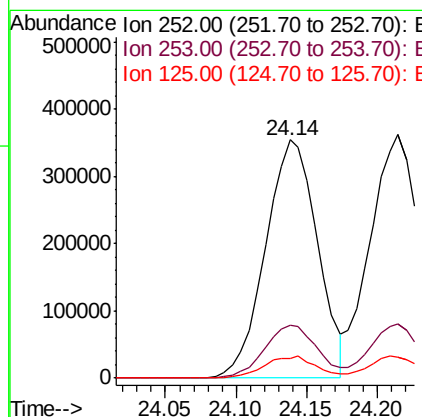
Manual Integrations
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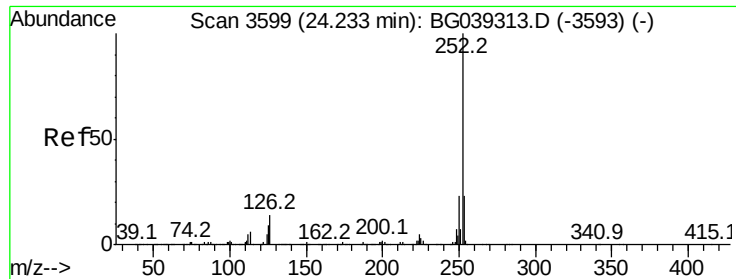
mohammad
2/6/2019 9:17:08 AM



#88
Benzo(b)fluoranthene
Concen: 43.946 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.02 min
Lab File: BG039363.D
Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	8.3	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 42.853 ng

RT: 24.21 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

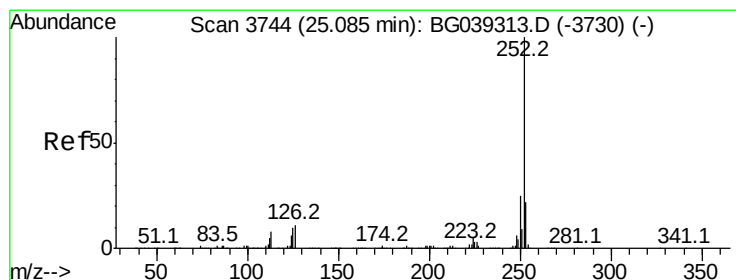
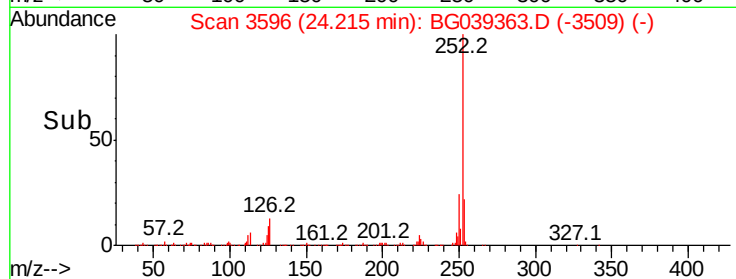
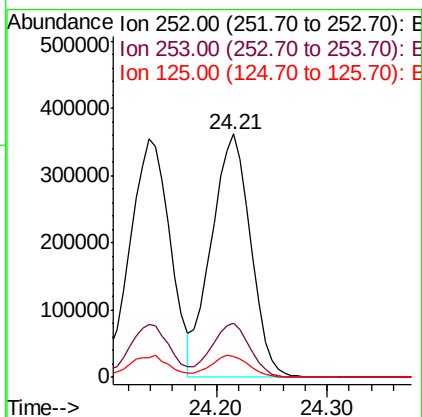
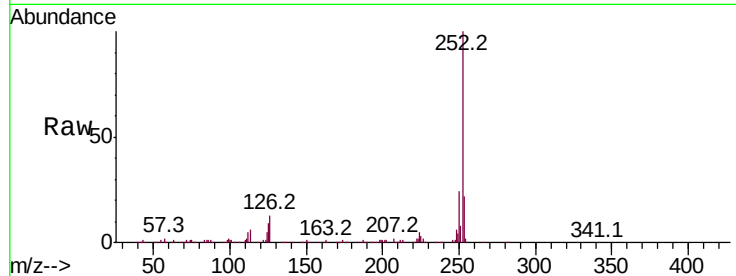
ClientSampleId :

PB116850BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	8.5	7.4	11.2

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 44.938 ng

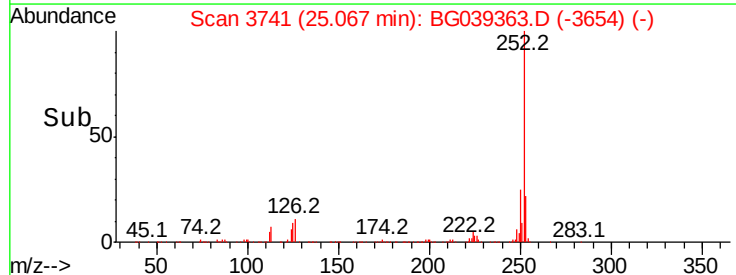
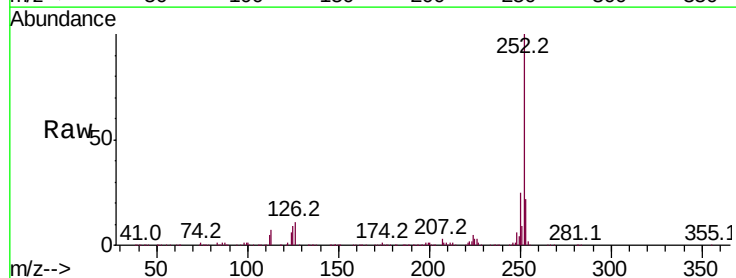
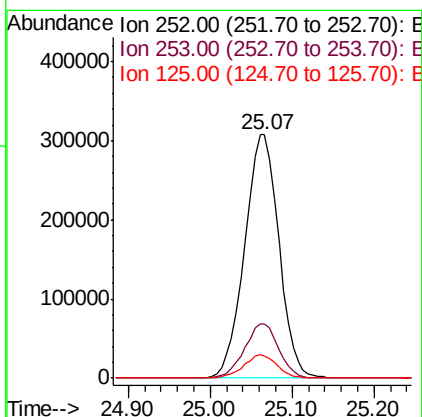
RT: 25.07 min Scan# 3741

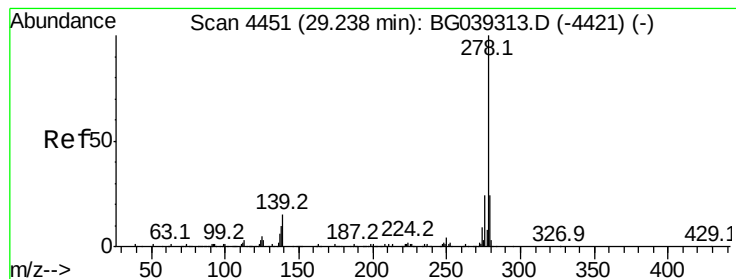
Delta R.T. -0.02 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.2	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.874 ng

RT: 29.20 min Scan# 4444

Delta R.T. -0.04 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Instrument :

BNA_G

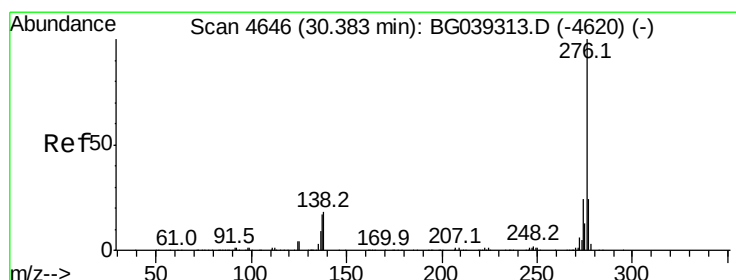
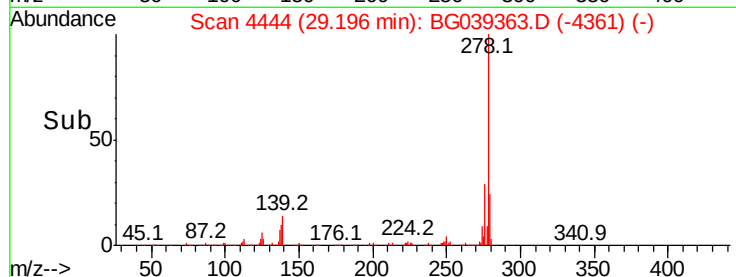
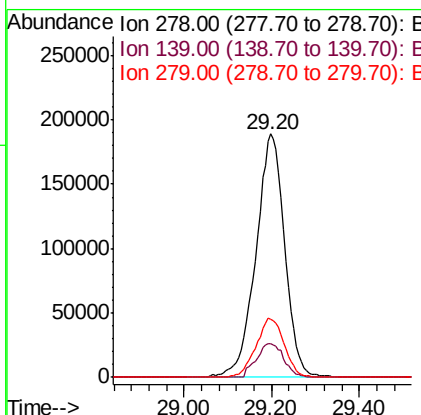
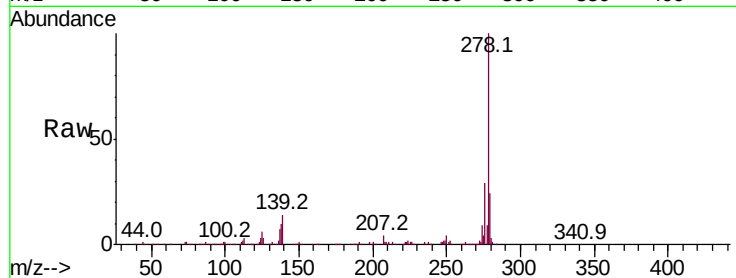
ClientSampleId :

PB116850BS

Tot Ion:	278	Resp:	856594
Ion Ratio	Lower	Upper	
278	100		
139	13.9	11.7	17.5
279	23.8	19.1	28.7

Manual Integrations
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mohammad
2/6/2019 9:17:08 AM



#92

Benzo(g,h,i)perylene

Concen: 46.965 ng

RT: 30.35 min Scan# 4641

Delta R.T. -0.03 min

Lab File: BG039363.D

Acq: 5 Feb 2019 20:44

Tgt Ion:	276	Resp:	874105
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.6	29.4
138	16.9	14.7	22.1

