

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
 Data File : BG039374.D
 Acq On : 6 Feb 2019 17:17
 Operator : JU/SJ
 Sample : K1383-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5MSD

Manual Integrations
 APPROVED

mohammad
 2/7/2019 8:41:04 AM

Quant Time: Feb 07 01:22:54 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	52657	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	226890	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	148124	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	363367	20.00	ng	0.00
76) Chrysene-d12	21.84	240	372643	20.00	ng	0.00
87) Perylene-d12	25.22	264	389586	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	501853	163.12	ng	0.00
7) Phenol-d6	7.32	99	715871	158.07	ng	0.00
23) Nitrobenzene-d5	9.36	82	409989	112.89	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	273279	171.33	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	928760	89.95	ng	0.00
79) Terphenyl-d14	20.14	244	1481067	84.13	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.60	88	50795	37.743 ng	97
3) Pyridine	4.01	79	150798	42.321 ng	96
4) n-Nitrosodimethylamine	3.93	42	86688	48.647 ng	87
6) Aniline	7.51	93	167821	29.584 ng	100
8) 2-Chlorophenol	7.73	128	181934	54.098 ng	98
9) Benzaldehyde	7.32	77	97822	44.717 ng	97
10) Phenol	7.35	94	290342	61.502 ng	97
11) bis(2-Chloroethyl)ether	7.59	93	173965	46.635 ng	98
12) 1,3-Dichlorobenzene	8.06	146	188026	46.152 ng	95
13) 1,4-Dichlorobenzene	8.22	146	190593	46.936 ng	98
14) 1,2-Dichlorobenzene	8.53	146	185798	47.264 ng	99
15) Benzyl Alcohol	8.42	79	172714	48.577 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.70	45	337843	40.105 ng	99
17) 2-Methylphenol	8.60	107	158528	51.891 ng	96
18) Hexachloroethane	9.26	117	65299	46.741 ng	95
19) n-Nitroso-di-n-propylamine	8.99	70	141582	44.047 ng	92
20) 3+4-Methylphenols	8.93	107	223047	53.019 ng	97
22) Acetophenone	9.01	105	269464	44.213 ng	# 95
24) Nitrobenzene	9.40	77	210532	53.657 ng	96
25) Isophorone	9.91	82	403913	50.187 ng	97
26) 2-Nitrophenol	10.11	139	95355	58.065 ng	97
27) 2,4-Dimethylphenol	10.15	122	186491	57.281 ng	94
28) bis(2-Chloroethoxy)methane	10.40	93	247054	49.837 ng	99
29) 2,4-Dichlorophenol	10.64	162	197094	55.391 ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	199413	49.917 ng	96
31) Naphthalene	11.05	128	568140	50.475 ng	99
32) Benzoic acid	10.21	122	14596	14.581 ng	98
33) 4-Chloroaniline	11.16	127	94040	18.019 ng	97
34) Hexachlorobutadiene	11.32	225	126834	47.741 ng	93
35) Caprolactam	11.95	113	67006m	45.507 ng	
36) 4-Chloro-3-methylphenol	12.26	107	209539	50.919 ng	99
37) 2-Methylnaphthalene	12.65	142	420918	50.490 ng	98
38) 1-Methylnaphthalene	12.86	142	401328	49.940 ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	234848	49.831 ng	99

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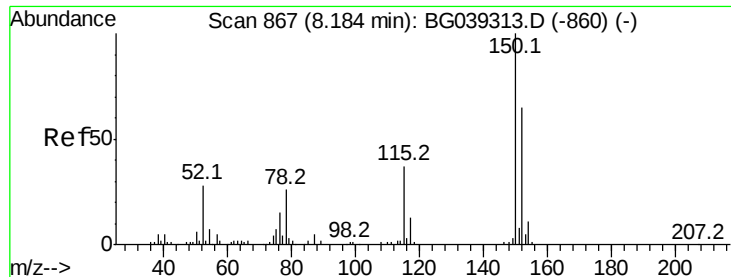
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	265903	103.540	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	164473	56.759	nq	97
44) 2,4,5-Trichlorophenol	13.31	196	174930	57.599	nq	98
46) 1,1'-Biphenyl	13.64	154	563652	45.735	nq	99
47) 2-Chloronaphthalene	13.68	162	434782	46.895	nq	98
48) 2-Nitroaniline	13.89	65	147664	54.157	nq	93
49) Acenaphthylene	14.53	152	701134	50.118	nq	99
50) Dimethylphthalate	14.25	163	642859	53.737	nq	100
51) 2,6-Dinitrotoluene	14.38	165	126715	55.489	nq	95
52) Acenaphthene	14.87	154	427648	47.093	nq	98
53) 3-Nitroaniline	14.71	138	76619	33.719	nq	# 94
54) 2,4-Dinitrophenol	14.91	184	94160	89.810	nq	96
55) Dibenzofuran	15.20	168	691066	47.464	nq	98
56) 4-Nitrophenol	14.99	139	237415	107.605	nq	92
57) 2,4-Dinitrotoluene	15.16	165	177650	59.742	nq	87
58) Fluorene	15.85	166	544515	50.168	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	176359	62.019	nq	96
60) Diethylphthalate	15.61	149	583883	47.205	nq	97
61) 4-Chlorophenyl-phenylether	15.83	204	289825	47.159	nq	98
62) 4-Nitroaniline	15.88	138	136832	53.971	nq	95
63) Azobenzene	16.13	77	531030	43.925	nq	97
65) 4,6-Dinitro-2-methylphenol	15.92	198	92631	59.212	nq	99
66) n-Nitrosodiphenylamine	16.05	169	511789	46.321	nq	98
67) 4-Bromophenyl-phenylether	16.73	248	191976	47.623	nq	96
68) Hexachlorobenzene	16.84	284	195948	48.449	nq	95
69) Atrazine	16.99	200	206996	51.266	nq	97
70) Pentachlorophenol	17.18	266	270676	96.293	nq	99
71) Phenanthrene	17.59	178	916872	48.752	nq	99
72) Anthracene	17.68	178	924703	49.917	nq	99
73) Carbazole	17.95	167	838634	45.362	nq	100
74) Di-n-butylphthalate	18.48	149	989620	45.884	nq	99
75) Fluoranthene	19.59	202	1096287	50.222	nq	99
77) Benzidine	19.76	184	415149	33.980	nq	99
78) Pyrene	19.95	202	1096181	47.253	nq	99
80) Butylbenzylphthalate	20.82	149	474410	48.479	nq	94
81) Benzo(a)anthracene	21.82	228	1080573	49.074	nq	98
82) 3,3'-Dichlorobenzidine	21.73	252	184746	22.628	nq	99
83) Chrysene	21.89	228	1020540	48.688	nq	100
84) Bis(2-ethylhexyl)phthalate	21.69	149	660998	47.347	nq	99
85) Di-n-octyl phthalate	22.97	149	1129660	48.978	nq	96
86) Indeno(1,2,3-cd)pyrene	29.13	276	1240691	55.168	nq	98
88) Benzo(b)fluoranthene	24.14	252	1075051	50.599	nq	98
89) Benzo(k)fluoranthene	24.21	252	1026443	48.120	nq	99
90) Benzo(a)pyrene	25.07	252	1044648	51.054	nq	98
91) Dibenzo(a,h)anthracene	29.21	278	995942	51.974	nq	99
92) Benzo(g,h,i)perylene	30.36	276	1022942	53.558	nq	98

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



#1

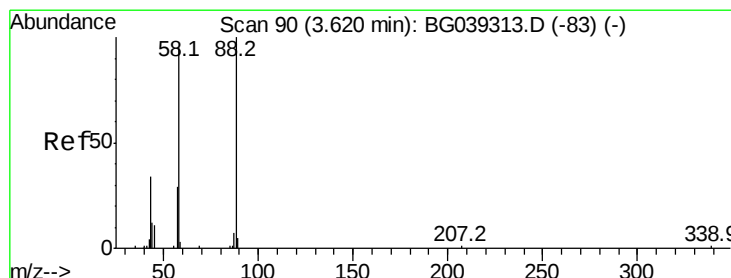
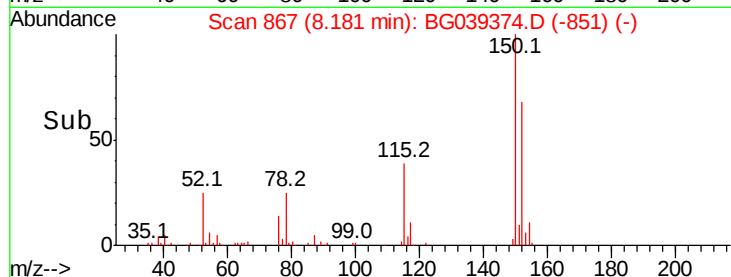
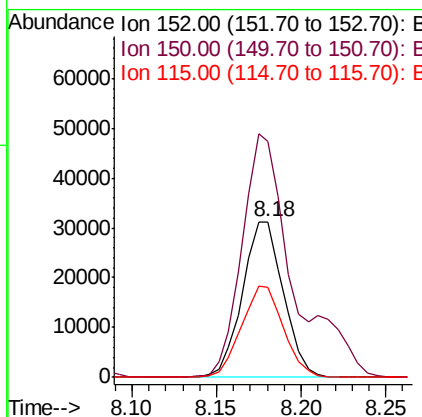
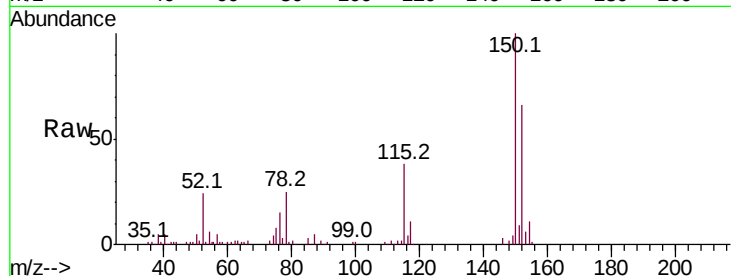
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.7	185.5
115	57.6	45.9	68.9

Manual Integrations
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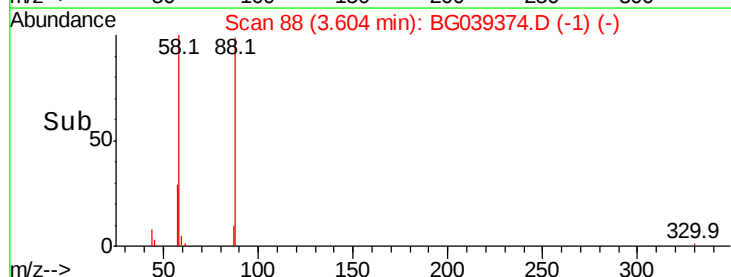
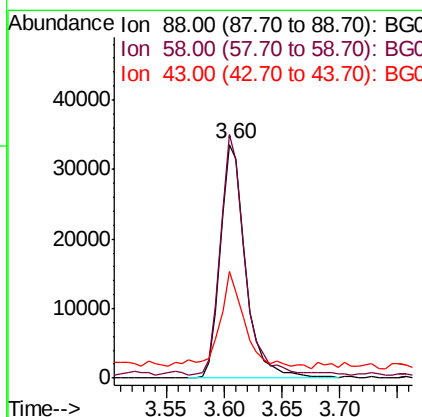
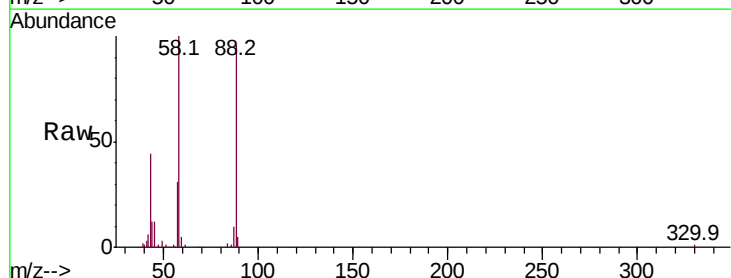
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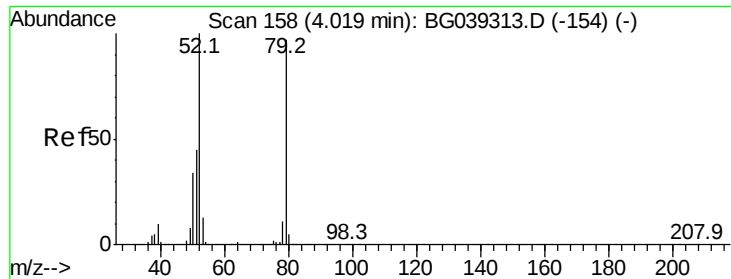


#2

1,4-Dioxane
Concen: 37.743 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.02 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	81.1	121.7
43	42.6	31.4	47.0





#3

Pvridine

Concen: 42.321 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

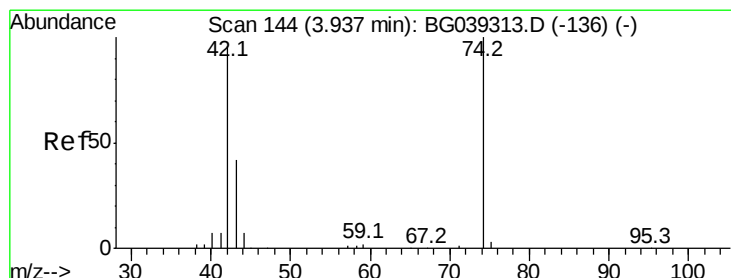
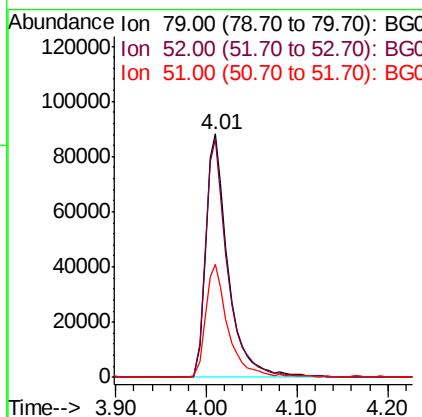
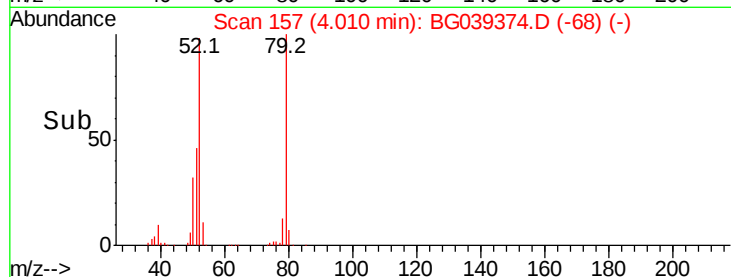
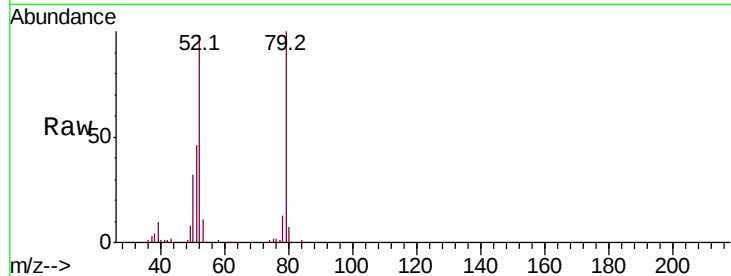
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	79	Resp:	150798
Ion Ratio	Lower	Upper	
79	100		
52	97.9	82.6	124.0
51	46.5	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 48.647 ng

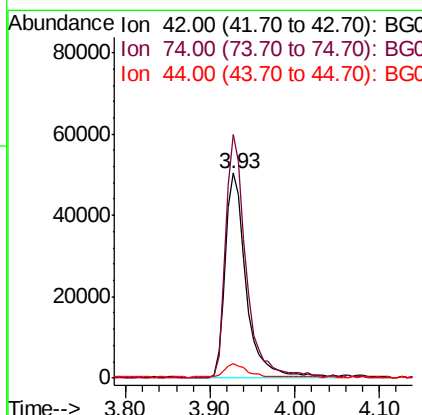
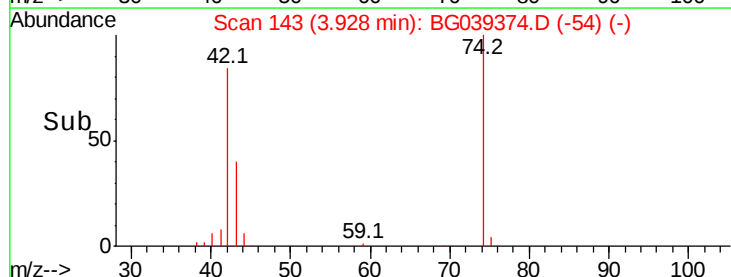
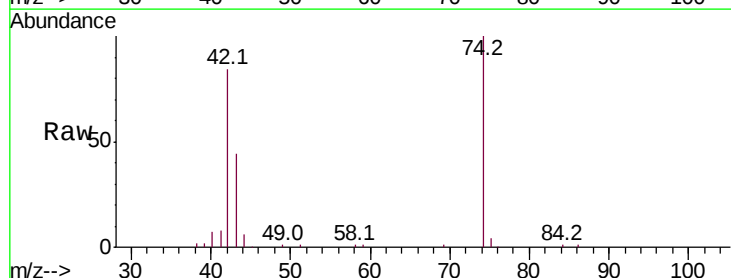
RT: 3.93 min Scan# 143

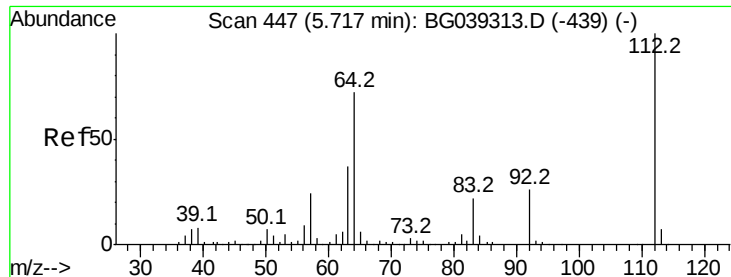
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	42	Resp:	86688
Ion Ratio	Lower	Upper	
42	100		
74	119.0	83.6	125.4
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 163.117 ng

RT: 5.72 min Scan# 448

Delta R.T. 0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

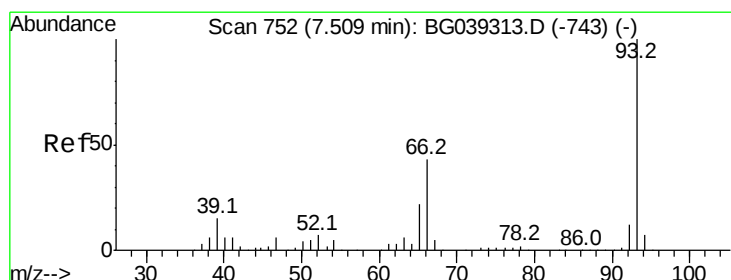
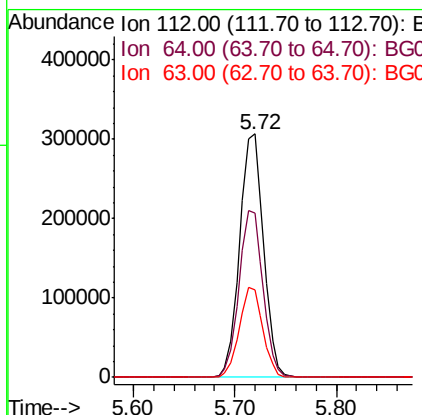
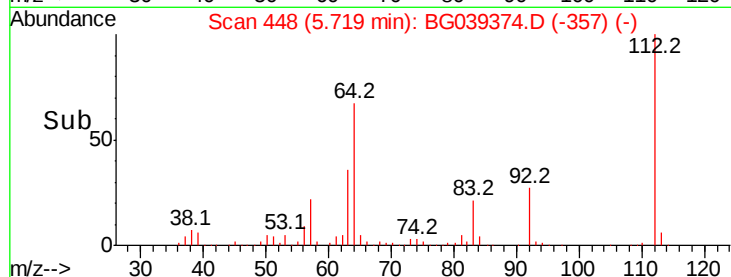
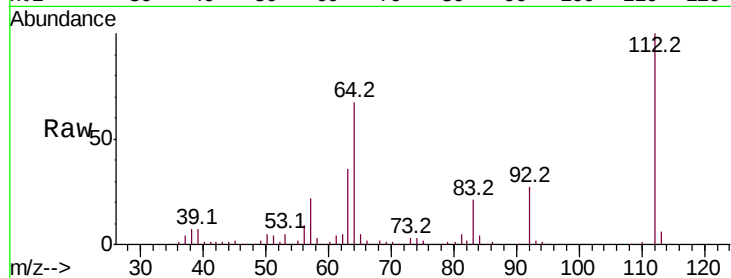
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	112	Resp:	501853
Ion Ratio	Lower	Upper	
112	100		
64	67.5	57.8	86.8
63	36.2	29.8	44.6

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#6

Aniline

Concen: 29.584 ng

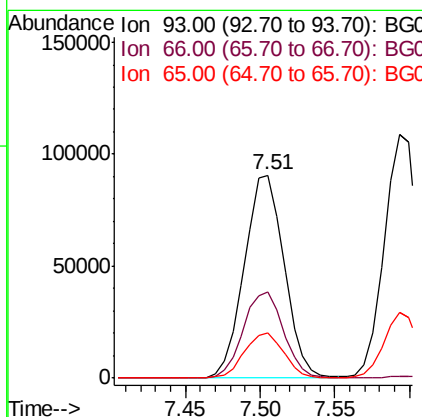
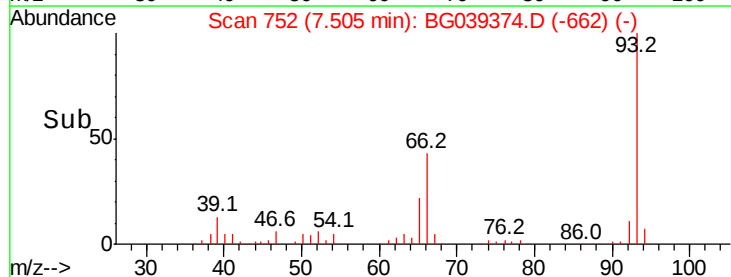
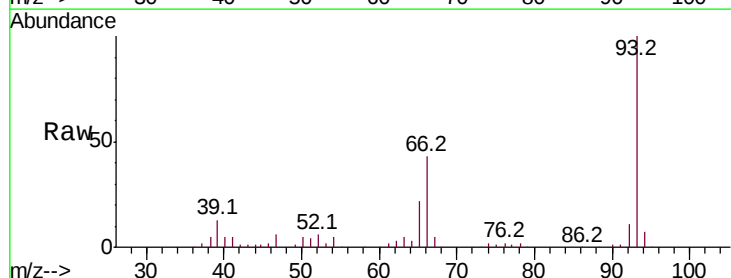
RT: 7.51 min Scan# 752

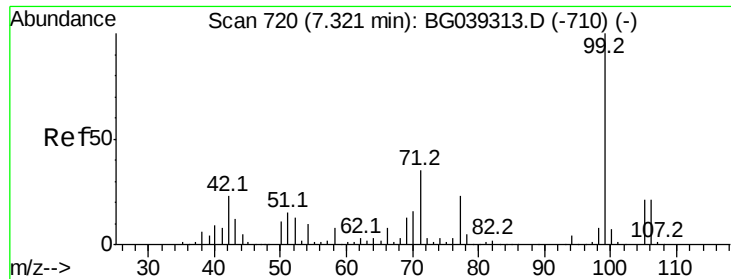
Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	93	Resp:	167821
Ion Ratio	Lower	Upper	
93	100		
66	42.8	34.2	51.4
65	22.0	17.7	26.5





#7

Phenol-d6

Concen: 158.073 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

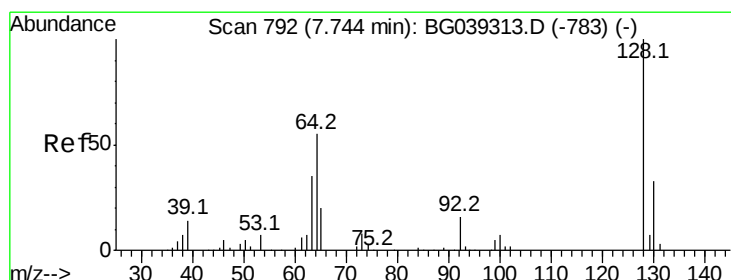
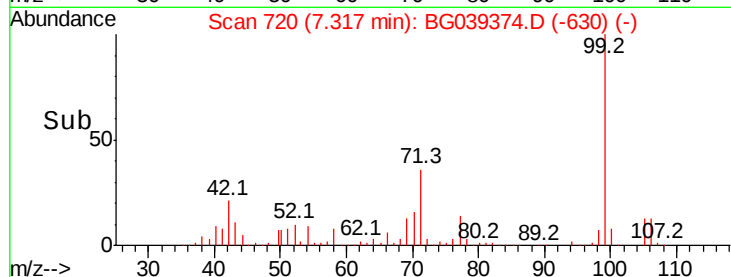
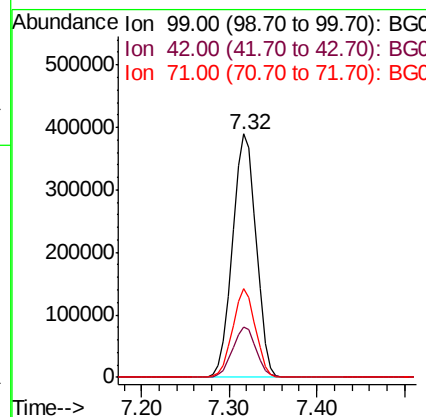
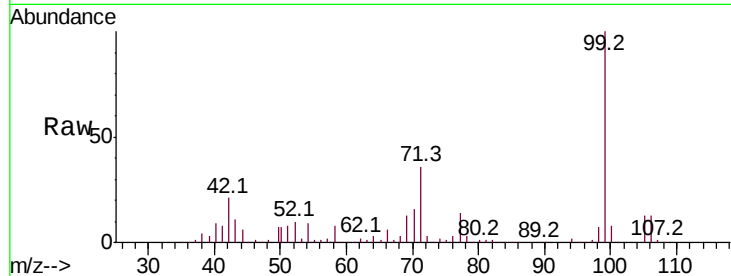
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	99	Resp:	715871
Ion Ratio	Lower	Upper	
99	100		
42	20.8	18.2	27.2
71	36.3	28.0	42.0

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#8

2-Chlorophenol

Concen: 54.098 ng

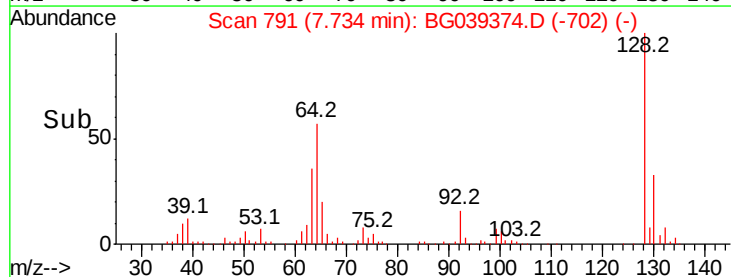
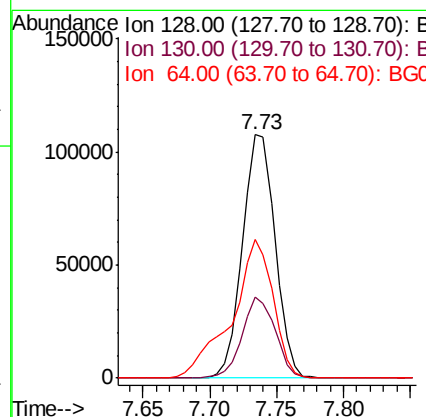
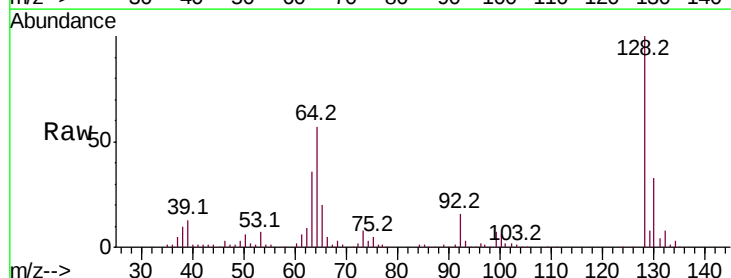
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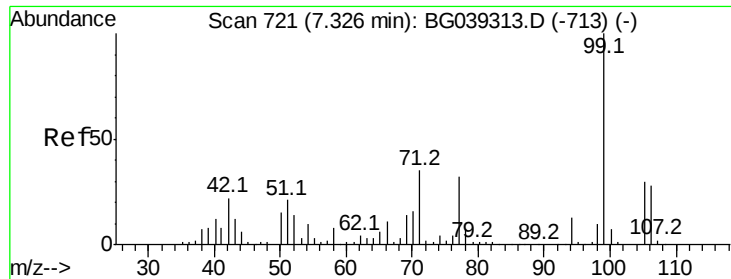
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	128	Resp:	181934
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.9	52.9
64	56.9	38.7	78.7





#9

Benzaldehyde

Concen: 44.717 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion: 77 Resp: 97822

Ion Ratio Lower Upper

77 100

105 95.1 74.5 114.5

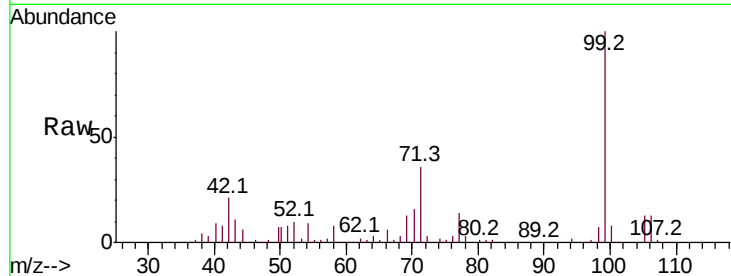
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Manual Integrations

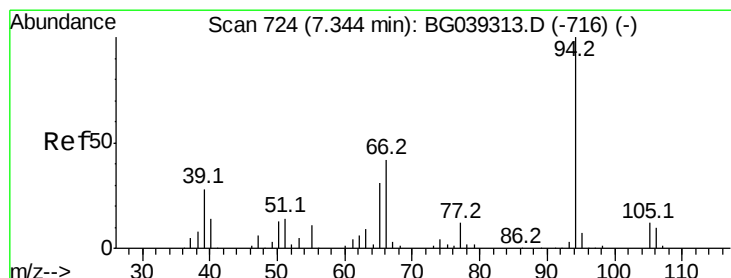
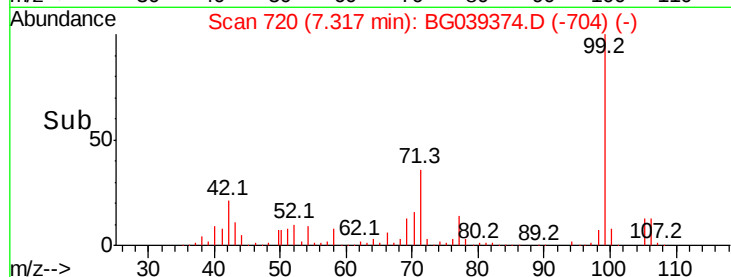
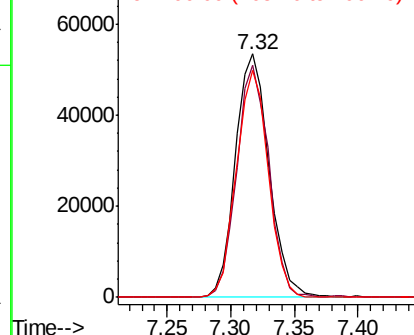
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 61.502 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

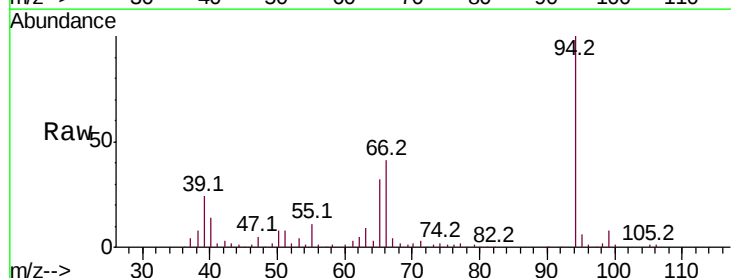
Tgt Ion: 94 Resp: 290342

Ion Ratio Lower Upper

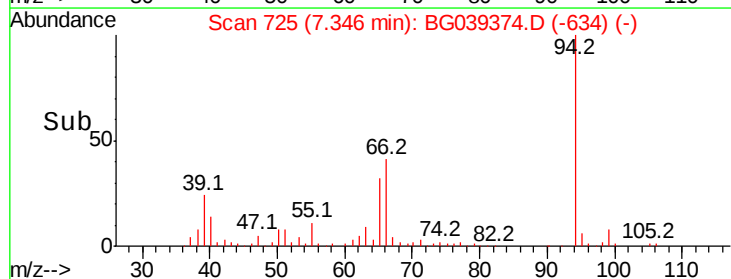
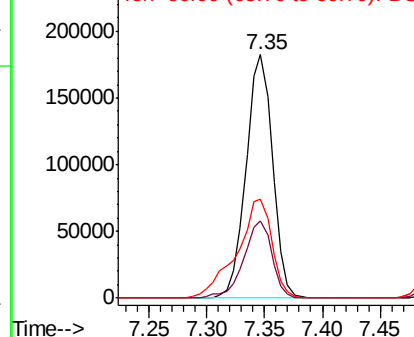
94 100

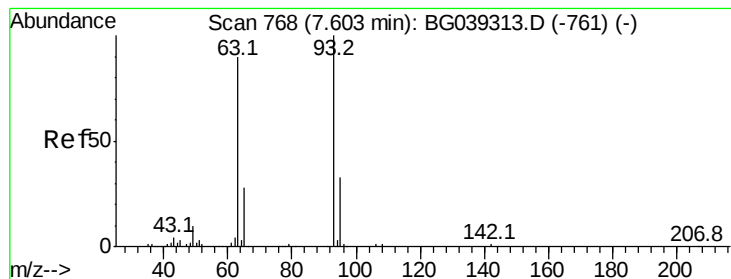
65 32.0 11.7 51.7

66 40.9 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





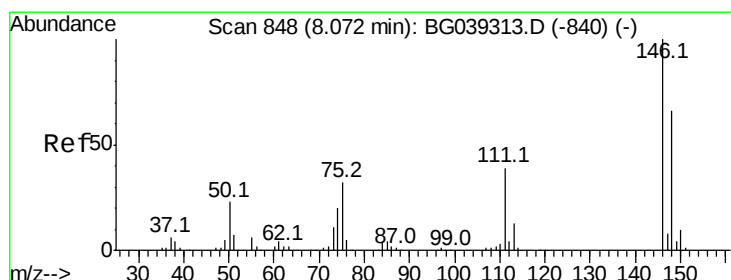
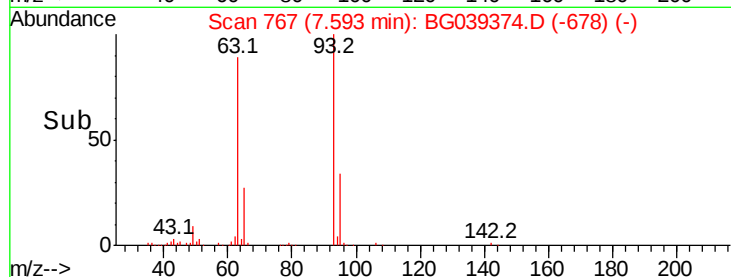
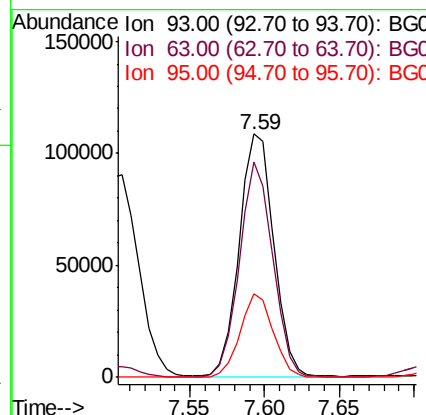
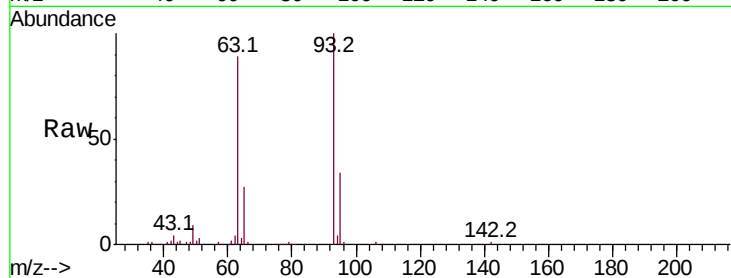
#11
bis(2-Chloroethyl)ether
Concen: 46.635 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.6	69.5	109.5
95	34.5	12.7	52.7

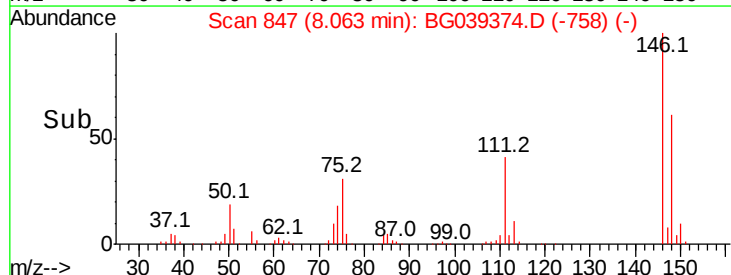
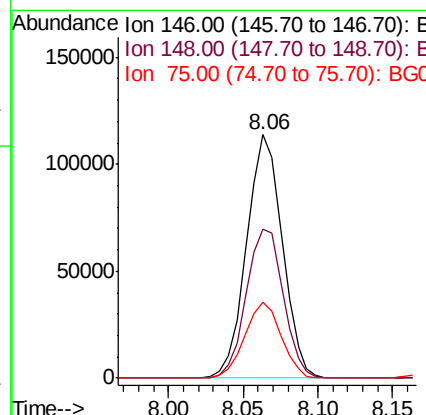
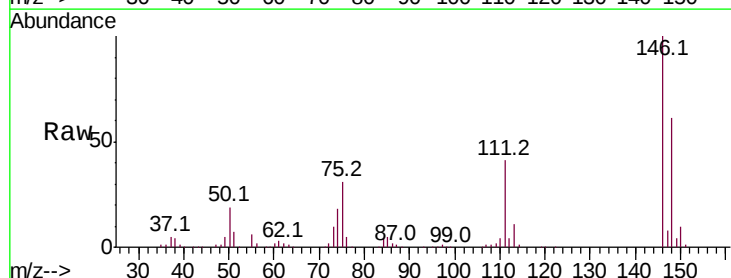
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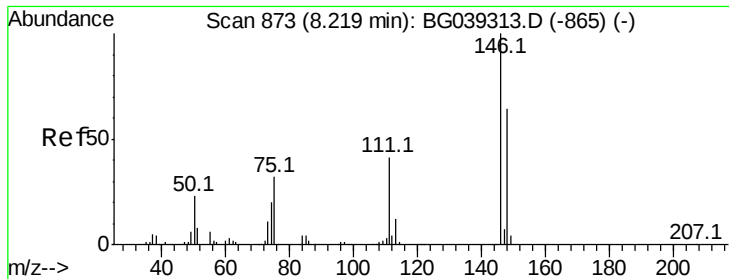
mohammad
2/7/2019 8:41:04 AM



#12
1,3-Dichlorobenzene
Concen: 46.152 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	52.6	79.0
75	31.0	25.8	38.6





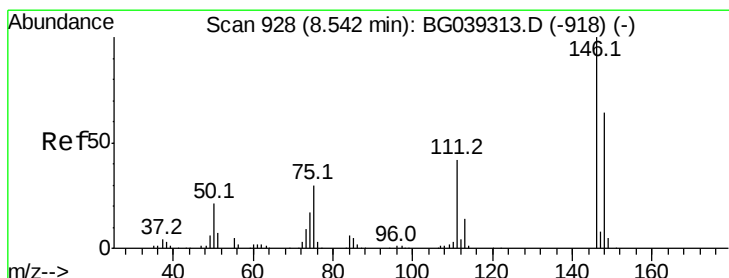
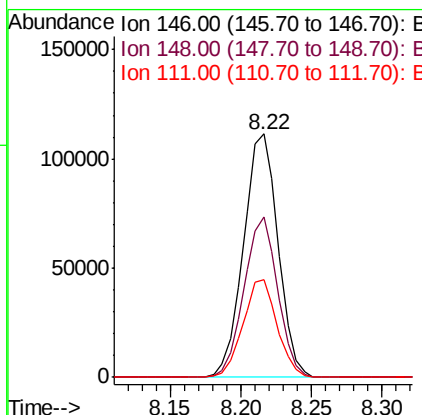
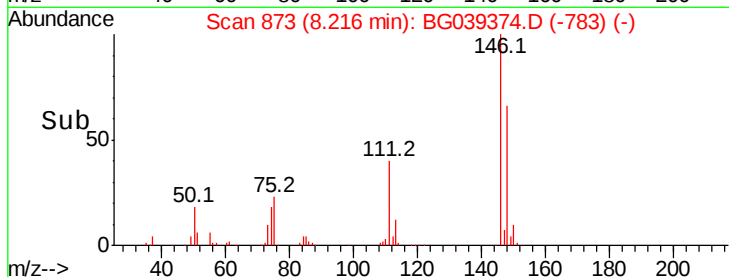
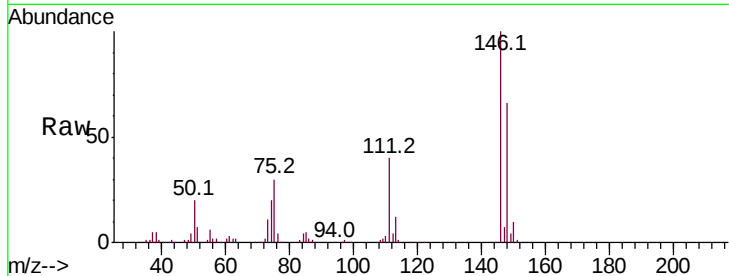
#13
1,4-Dichlorobenzene
Concen: 46.936 ng
RT: 8.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.1	76.7
111	40.2	32.6	48.8

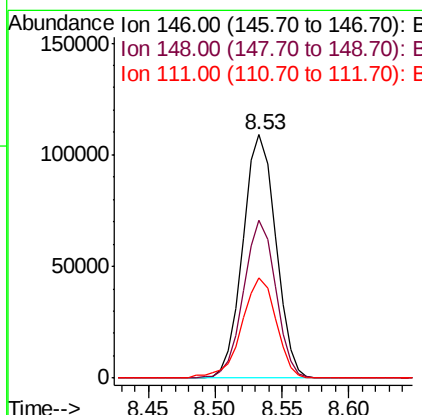
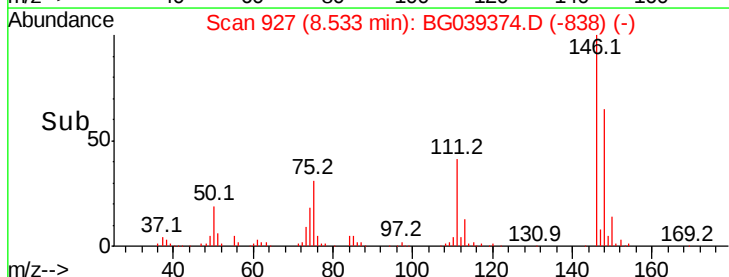
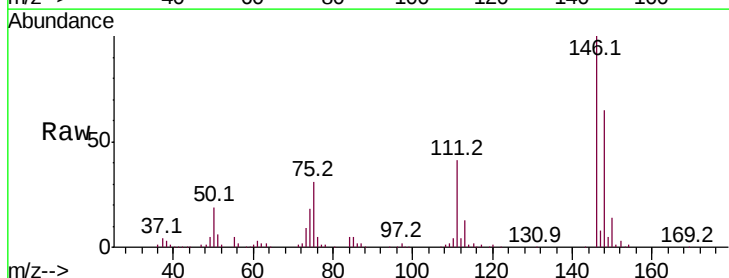
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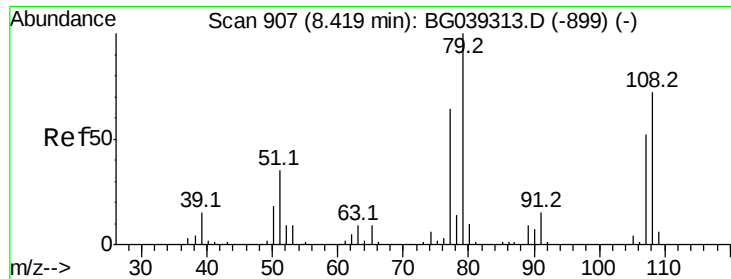
mohammad
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#14
1,2-Dichlorobenzene
Concen: 47.264 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
111	40.9	33.8	50.6





#15

Benzyl Alcohol

Concen: 48.577 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

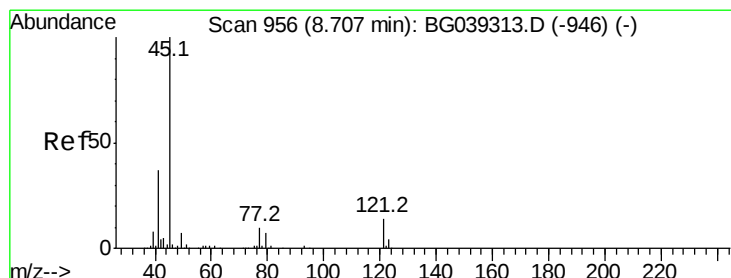
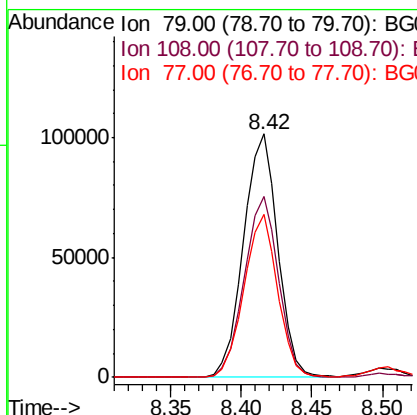
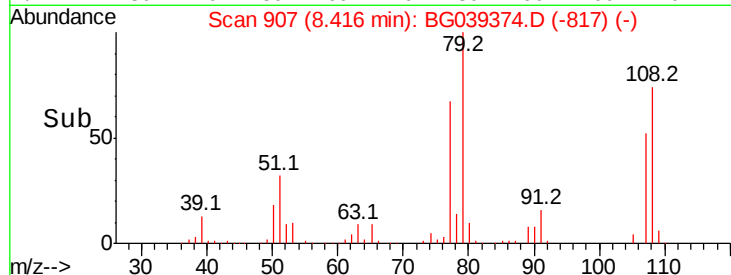
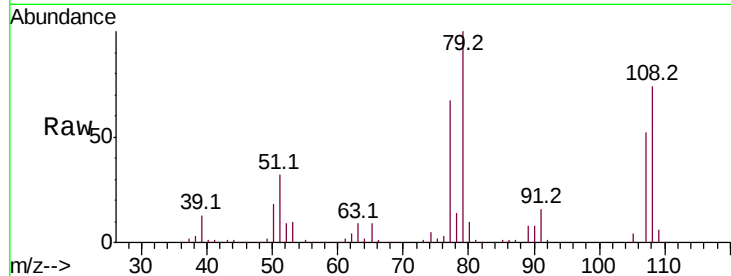
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	79	Resp:	172714
Ion Ratio	Lower	Upper	
79	100		
108	74.2	57.8	86.6
77	67.1	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.105 ng

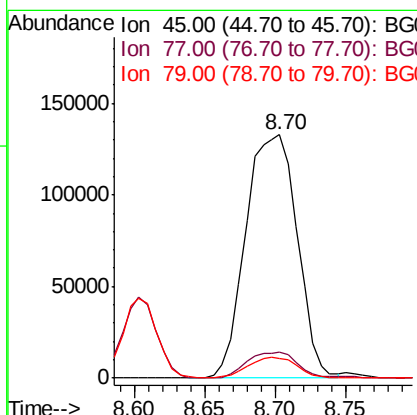
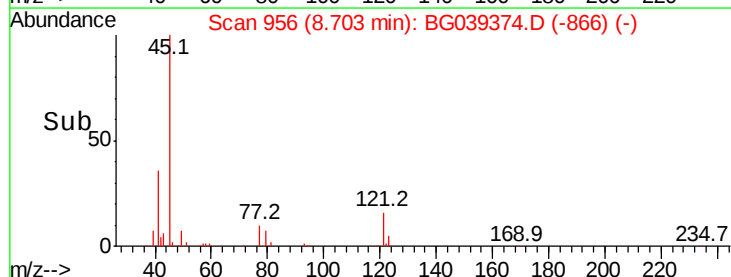
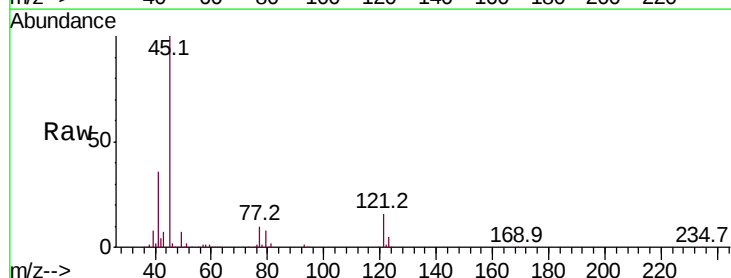
RT: 8.70 min Scan# 956

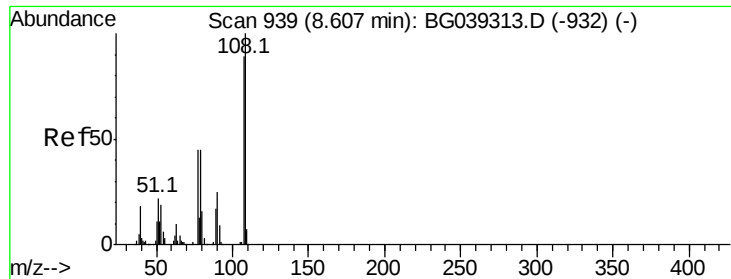
Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	45	Resp:	337843
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	30.0
79	7.9	0.0	27.5





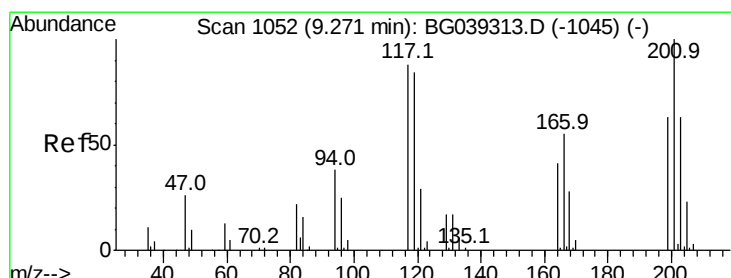
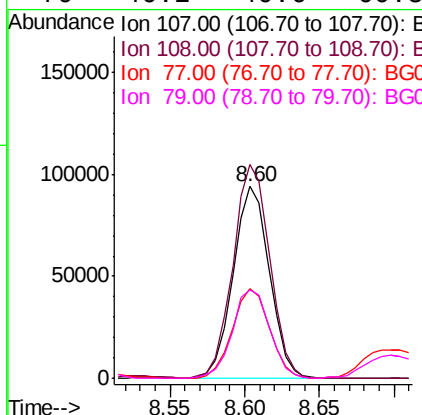
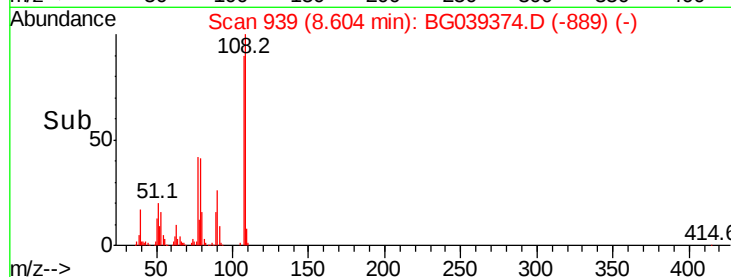
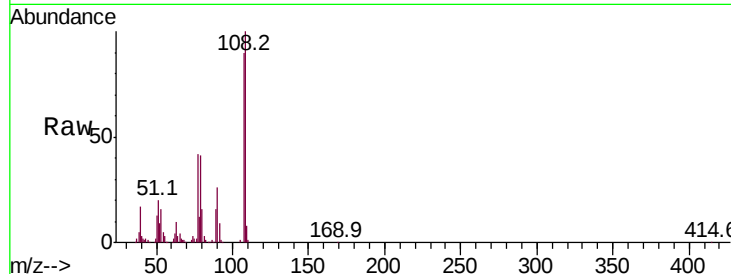
#17
2-Methylphenol
Concen: 51.891 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	90.8	136.2	
77	46.9	40.7	61.1	
79	46.2	40.6	60.8	

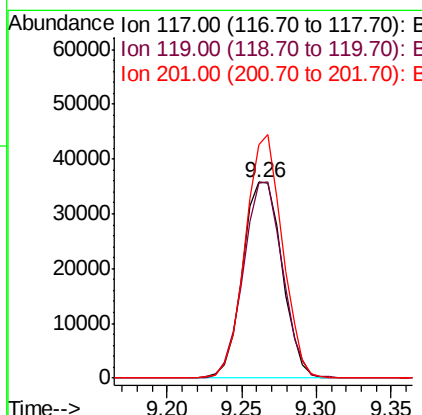
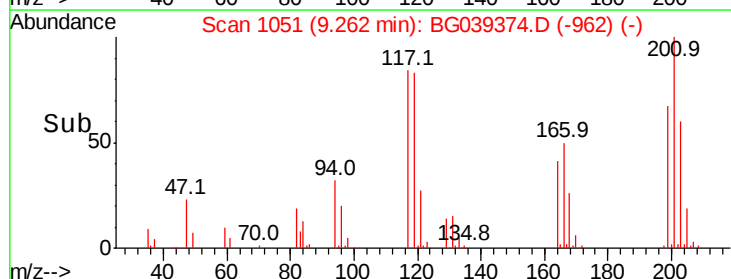
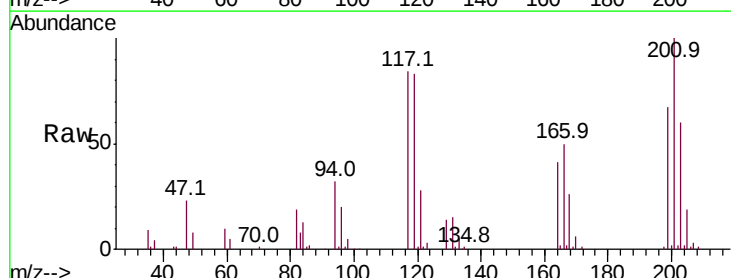
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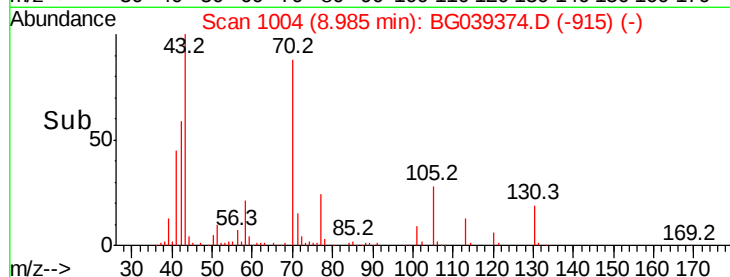
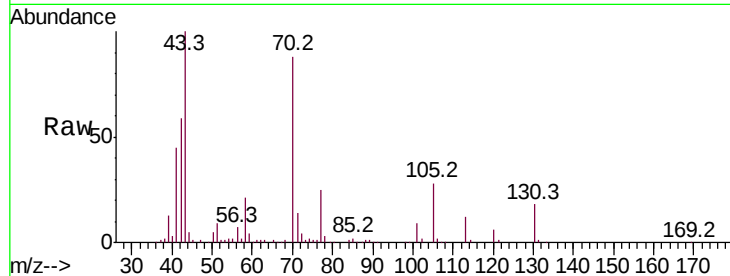
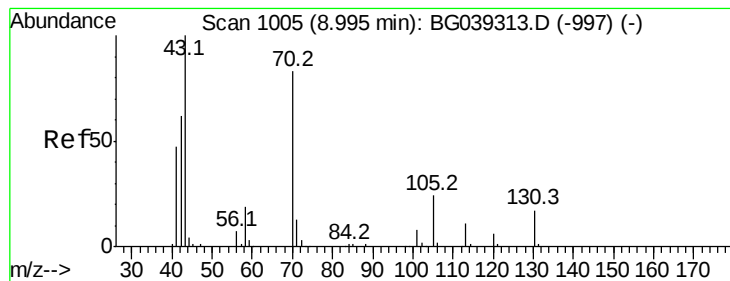
mohammad
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#18
Hexachloroethane
Concen: 46.741 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	76.3	114.5	
201	119.6	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 44.047 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	60.4	90.6	
101	10.6	7.5	11.3	
130	21.0	16.9	25.3	

Instrument :

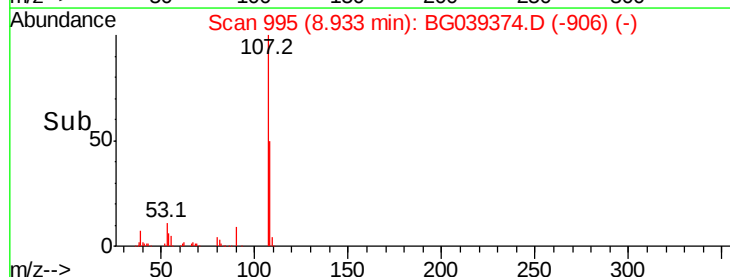
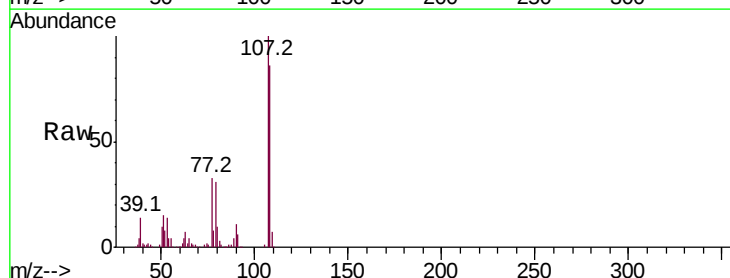
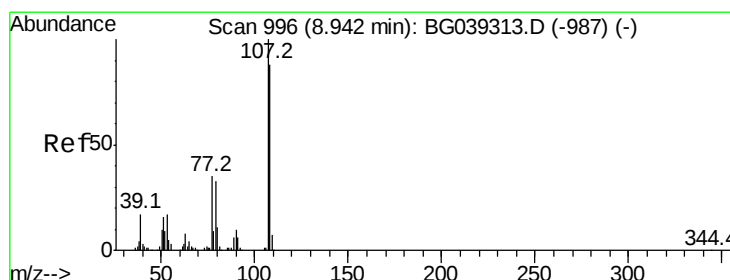
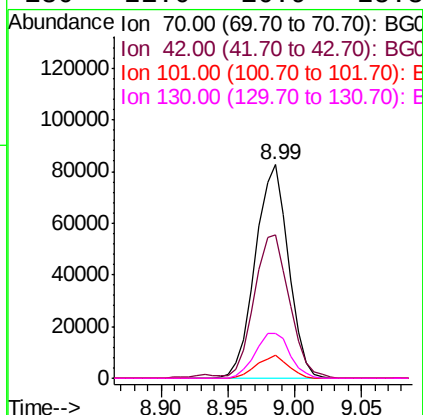
BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

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#20

3+4-Methylphenols

Concen: 53.019 ng

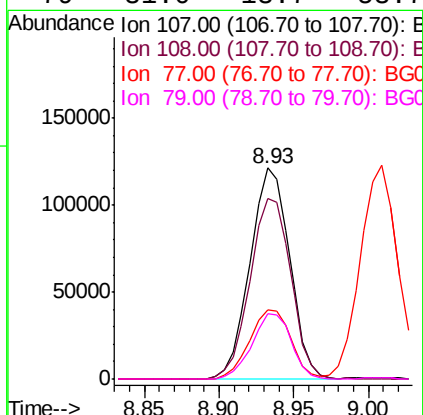
RT: 8.93 min Scan# 995

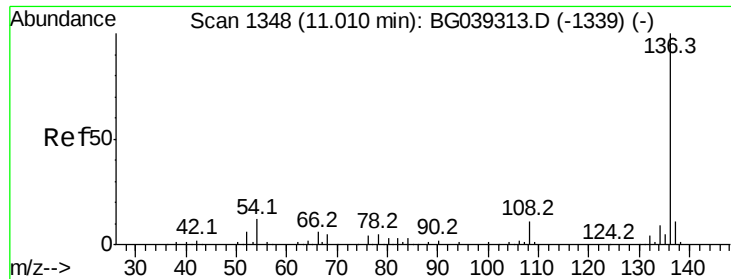
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	67.9	107.9	
77	32.8	15.4	55.4	
79	31.0	13.7	53.7	





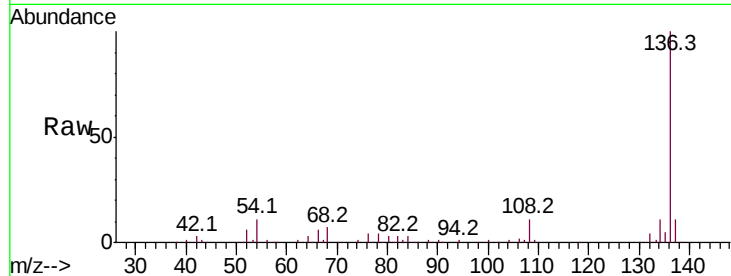
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	11.3	9.4	14.2	
68	7.1	4.2	6.4	

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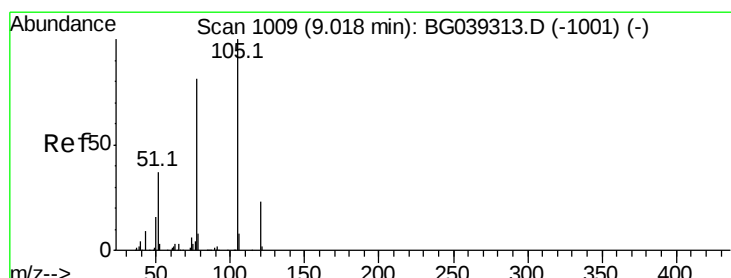
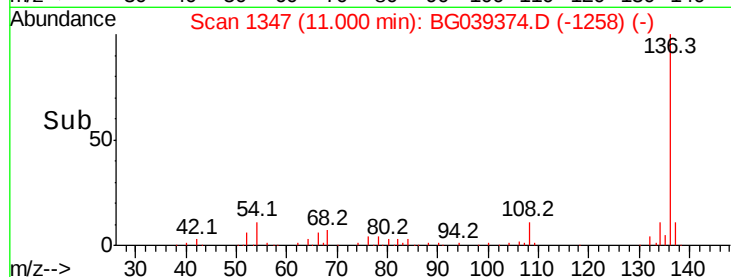
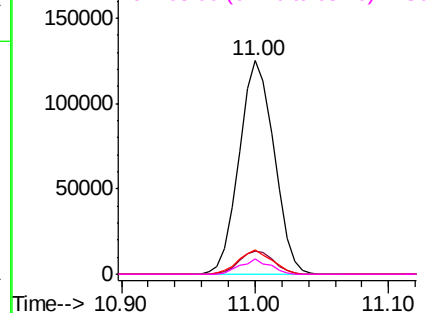
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.213 ng
RT: 9.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.8	1.2	
51	34.1	30.2	45.2	
120	23.9	18.0	27.0	

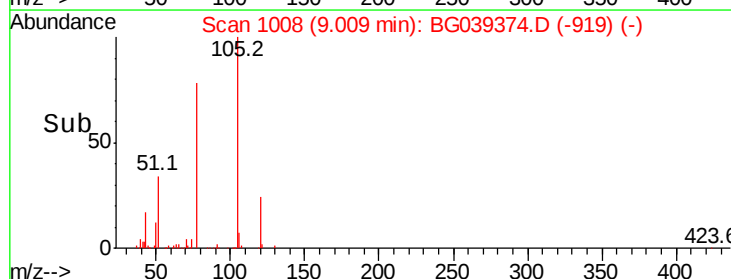
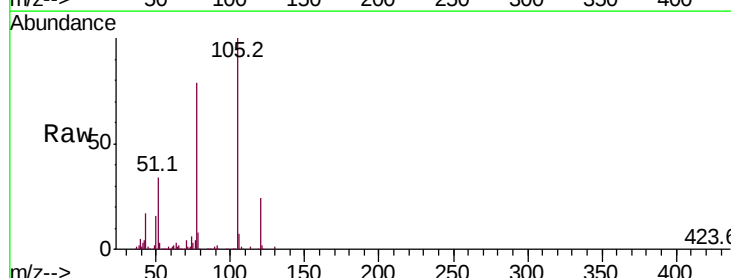
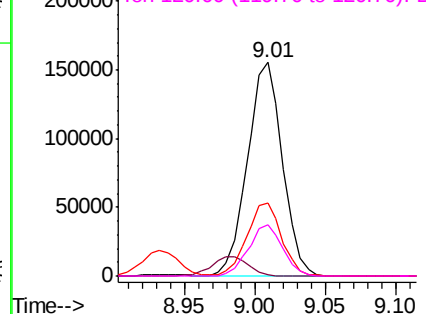
Abundance

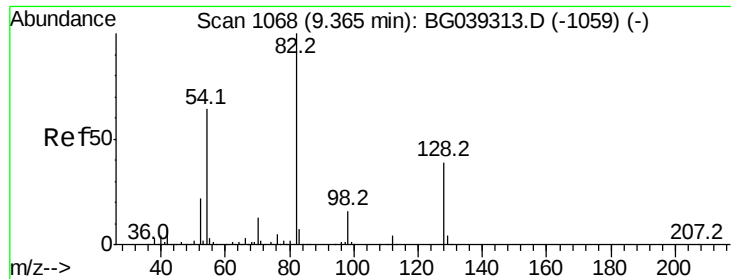
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





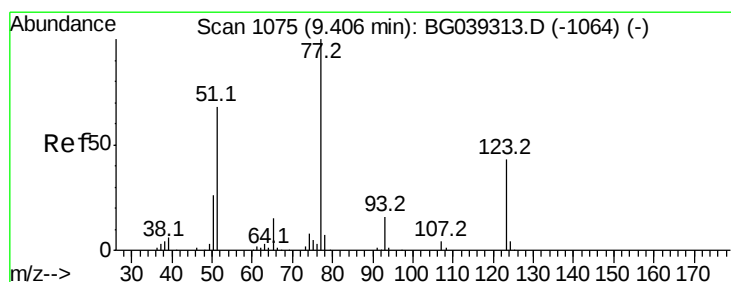
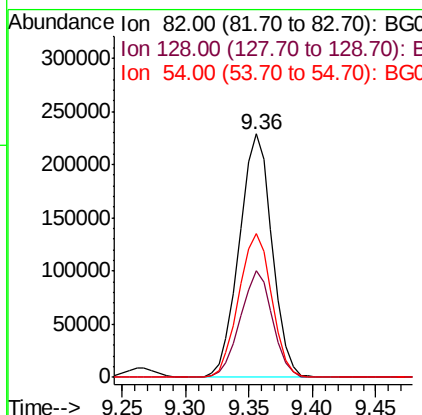
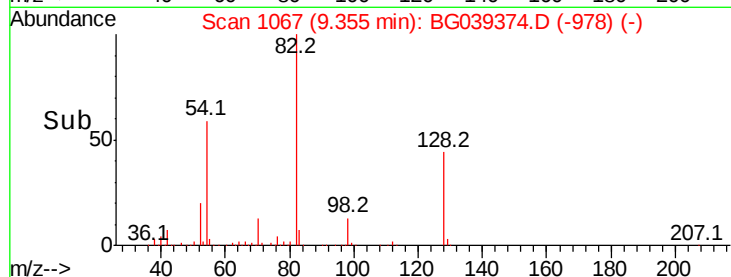
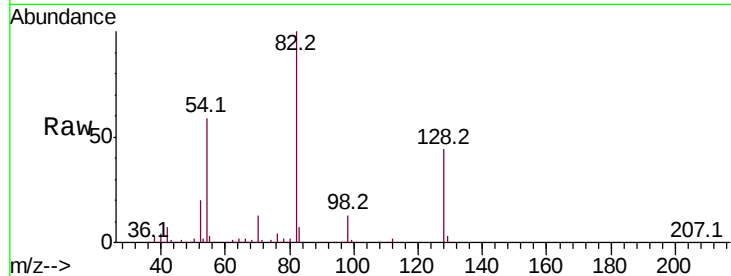
#23
Nitrobenzene-d5
Concen: 112.886 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	31.3	46.9
54	58.9	50.9	76.3

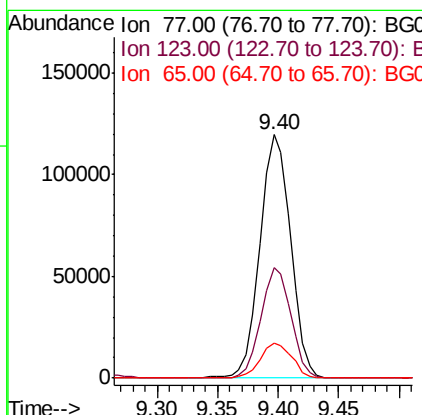
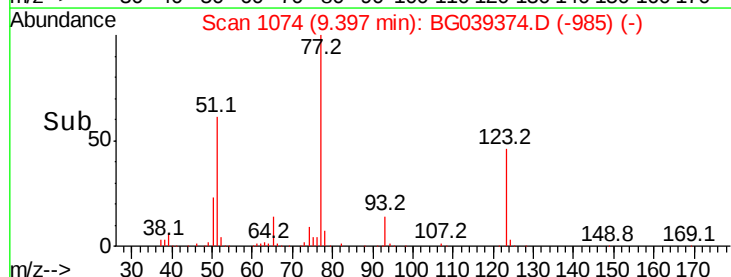
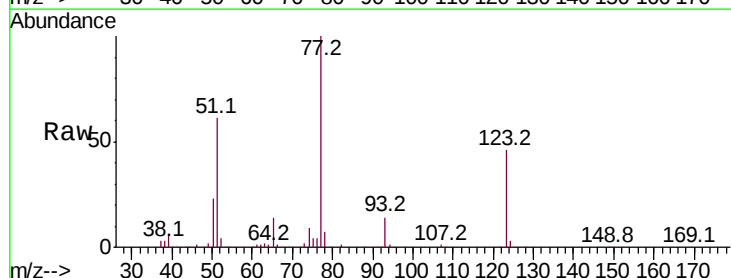
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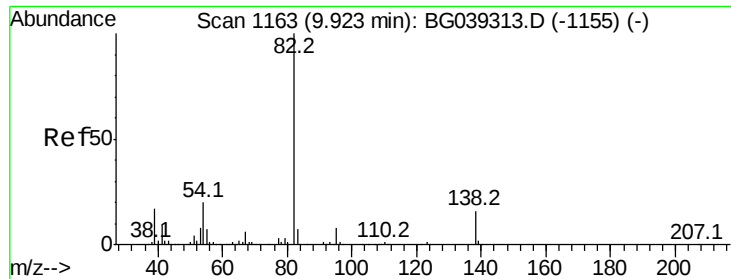
mohammad
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#24
Nitrobenzene
Concen: 53.657 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	34.1	51.1
65	14.5	12.3	18.5





#25

Isophorone

Concen: 50.187 ng

RT: 9.91 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

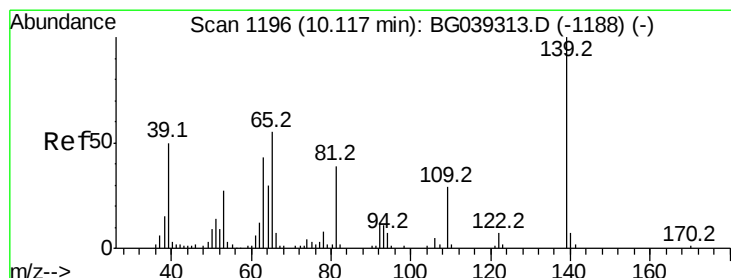
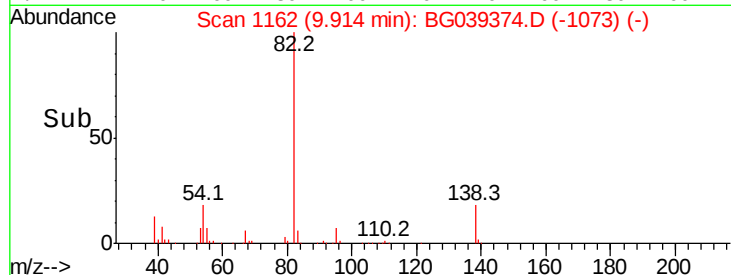
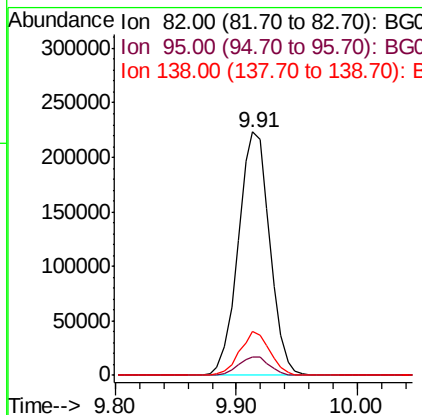
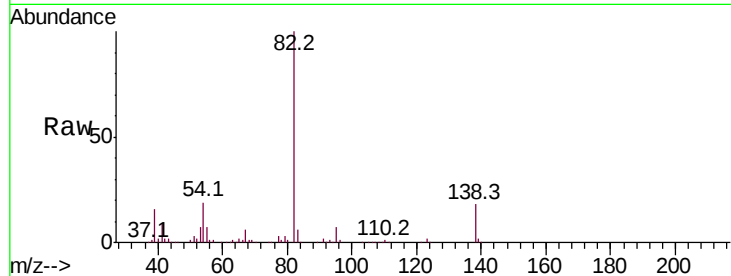
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	82	Resp:	403913
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.2	9.2
138	18.0	13.0	19.4

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#26

2-Nitrophenol

Concen: 58.065 ng

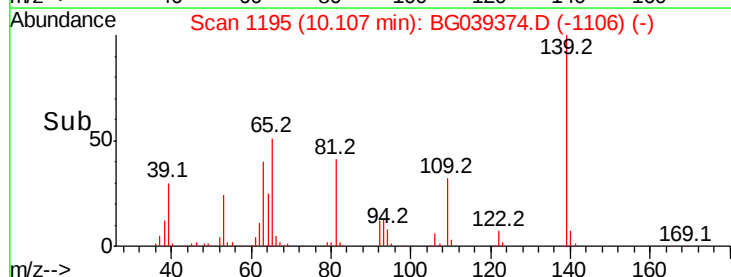
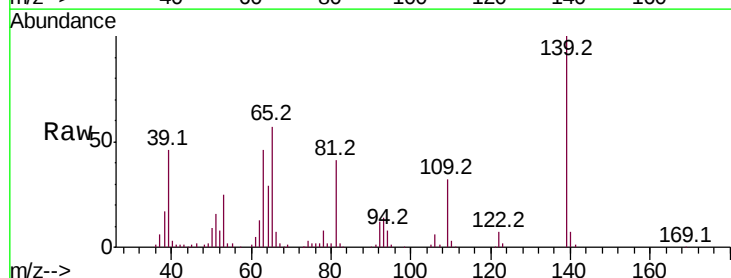
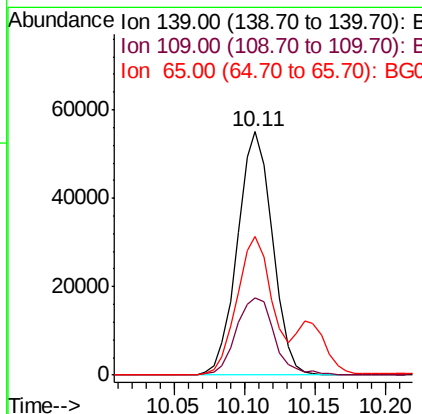
RT: 10.11 min Scan# 1195

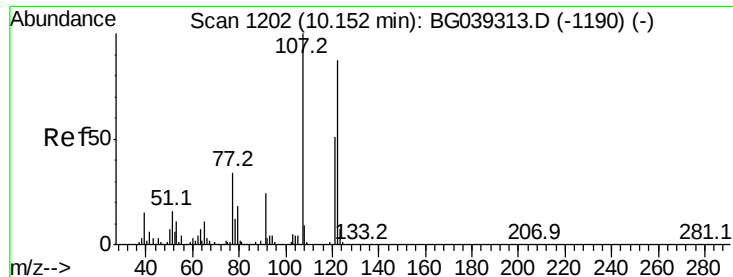
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	139	Resp:	95355
Ion Ratio	Lower	Upper	
139	100		
109	31.8	23.4	35.0
65	56.9	44.3	66.5





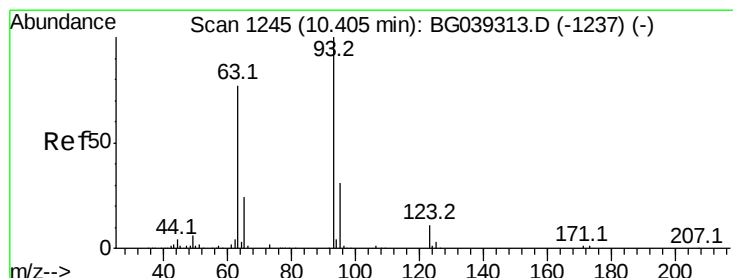
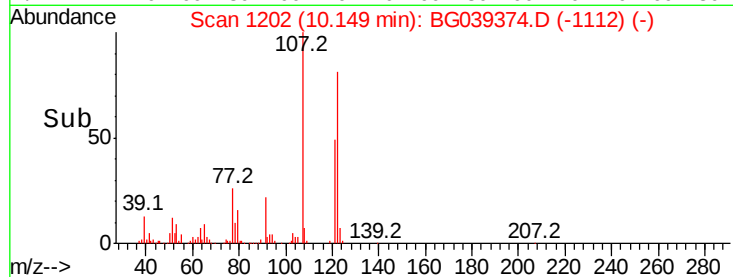
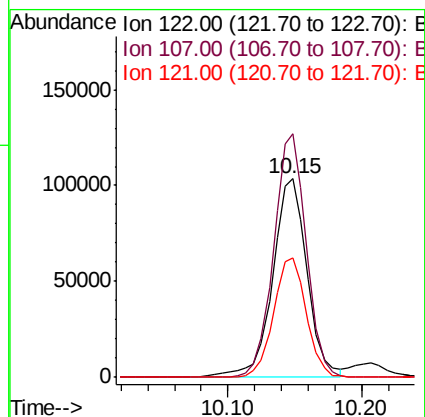
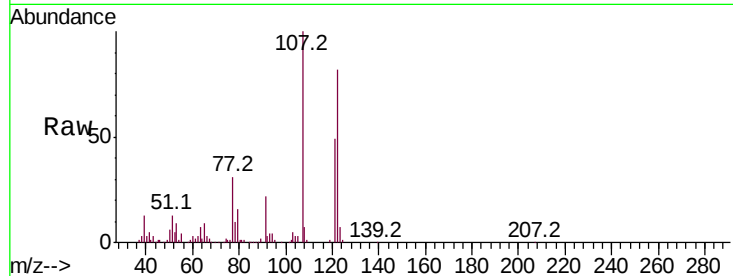
#27
2,4-Dimethylphenol
Concen: 57.281 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.6	91.7	137.5
121	59.9	46.4	69.6

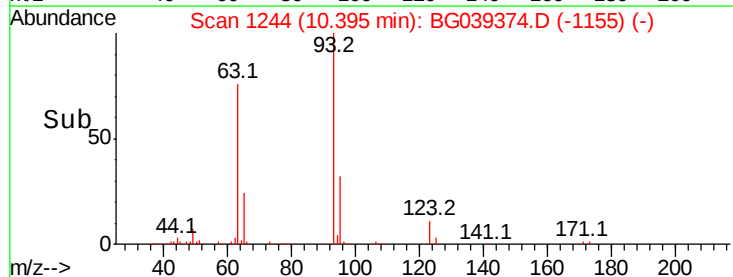
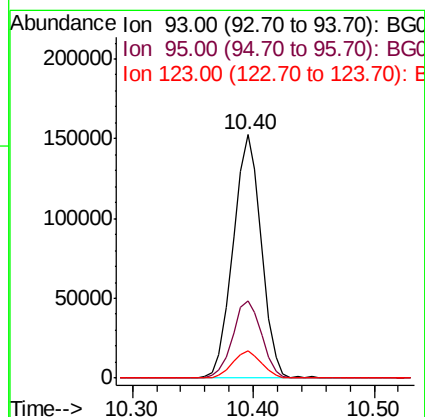
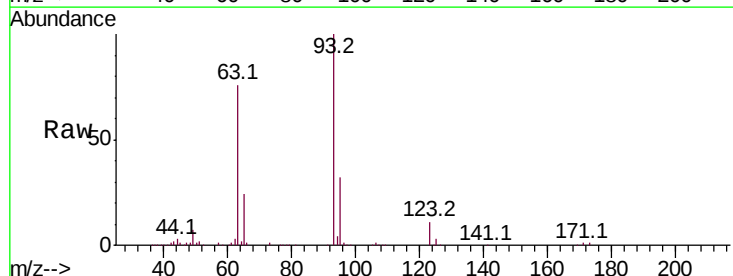
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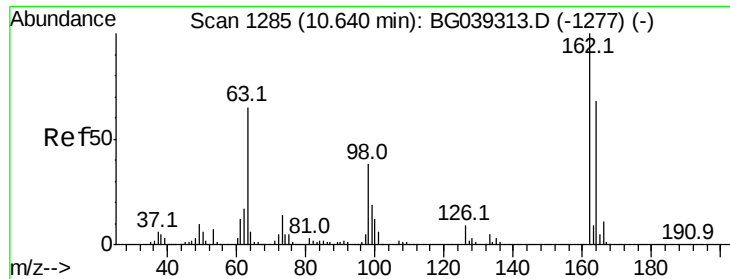
mohammad
2/7/2019 8:41:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 49.837 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	11.4	8.6	12.8





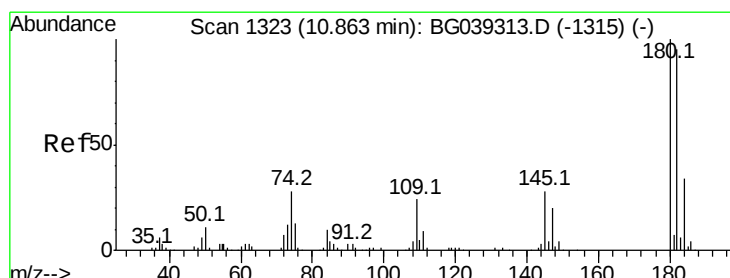
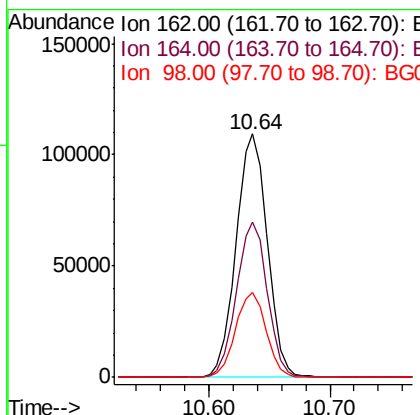
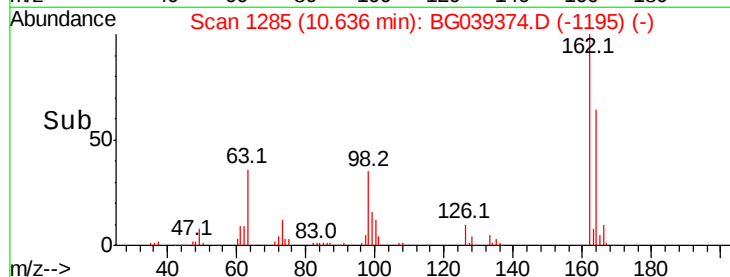
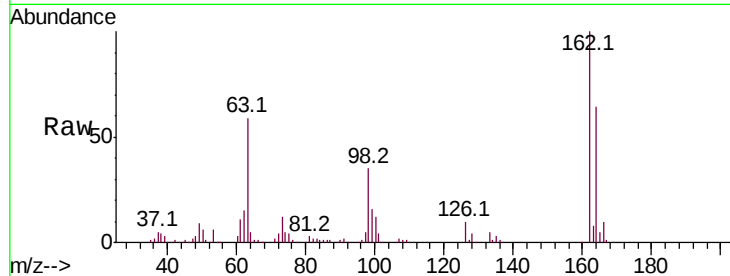
#29
2,4-Dichlorophenol
Concen: 55.391 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	197094		
164	63.8	48.1	88.1	
98	34.8	18.1	58.1	

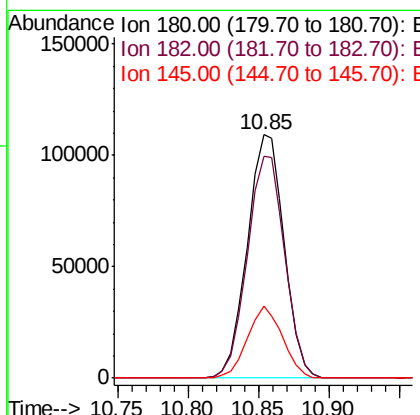
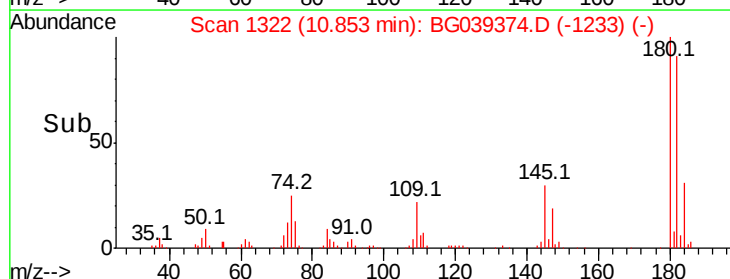
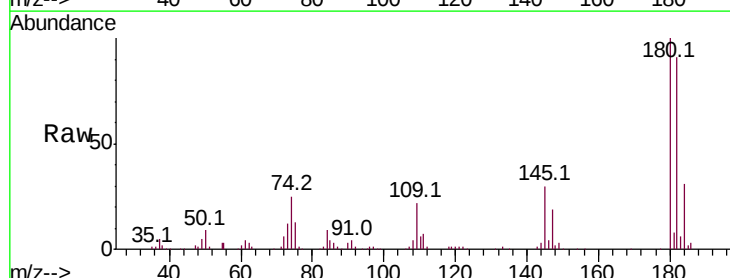
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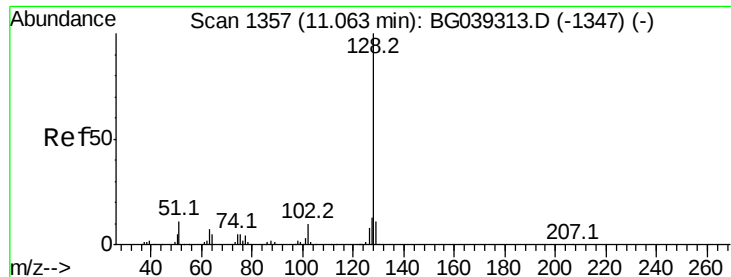
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 49.917 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199413		
182	91.2	76.0	114.0	
145	29.7	22.7	34.1	





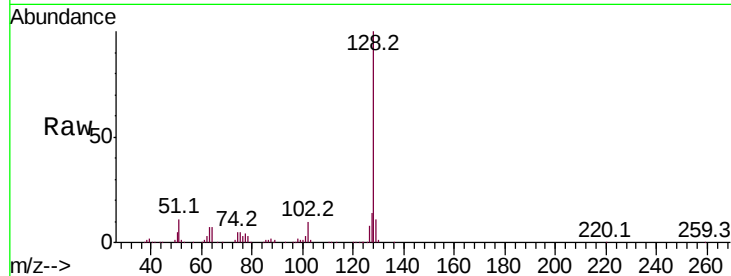
#31
Naphthalene
Concen: 50.475 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.9	10.8	16.2

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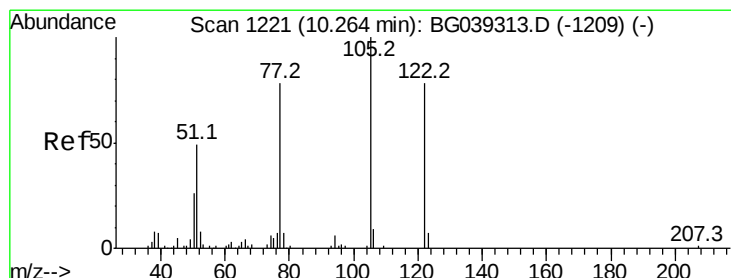
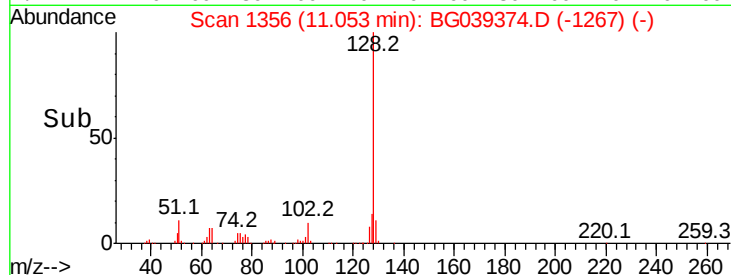
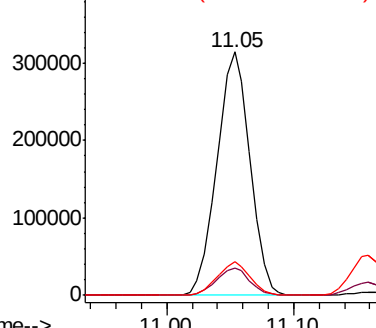


Abundance

Ion 128.00 (127.70 to 128.70): E

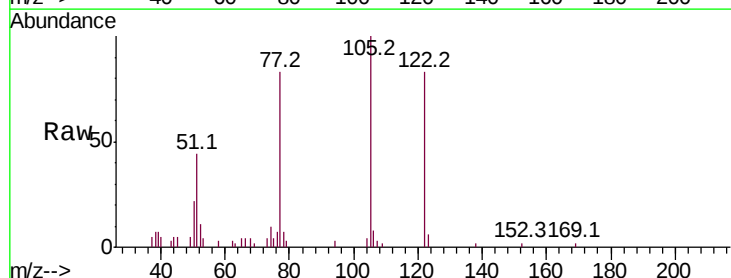
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 14.581 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.06 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	101.8	141.8
77	100.3	76.3	116.3

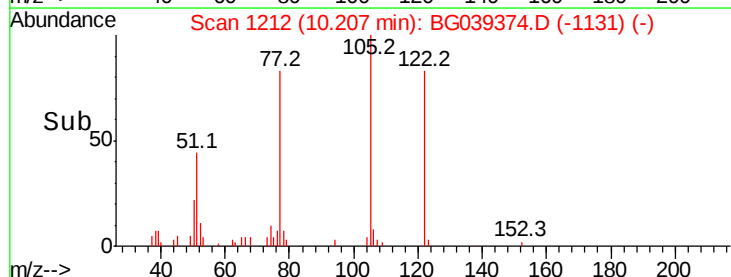
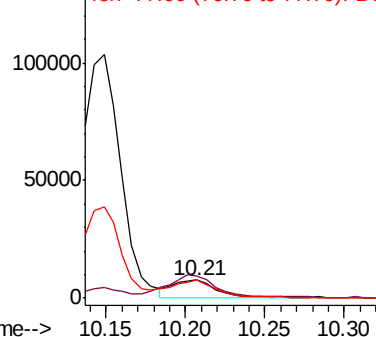


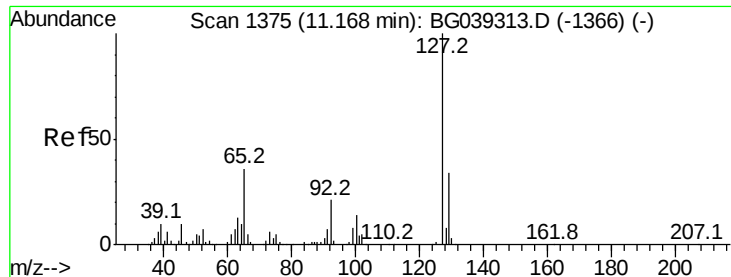
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





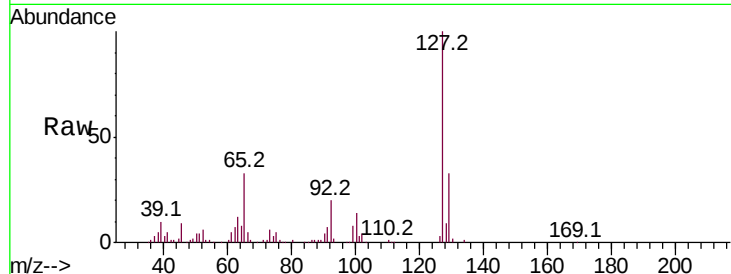
#33
4-Chloroaniline
Concen: 18.019 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

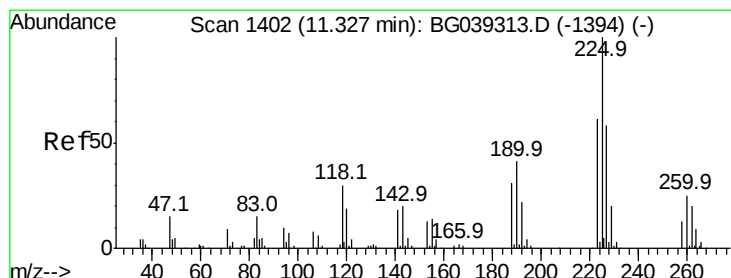
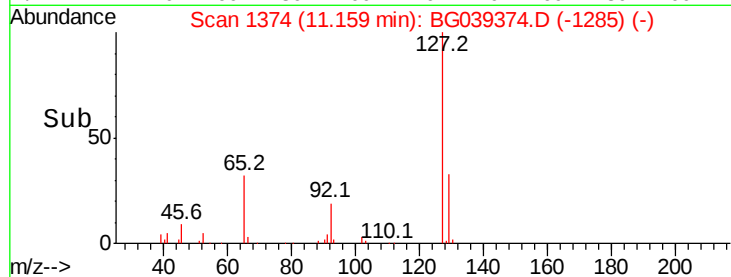
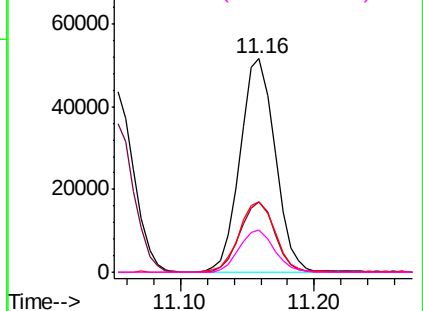
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	33.3	28.8	43.2
92	19.6	16.6	25.0

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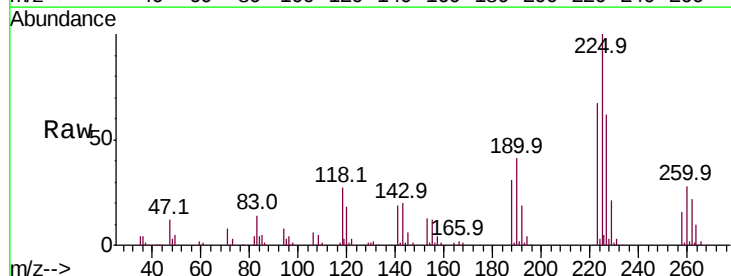


Abundance Ion 127.00 (126.70 to 127.70): E
80000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

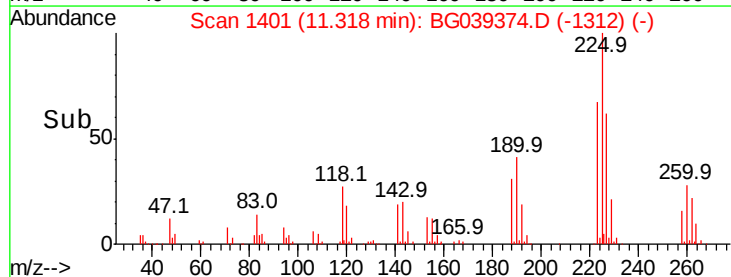
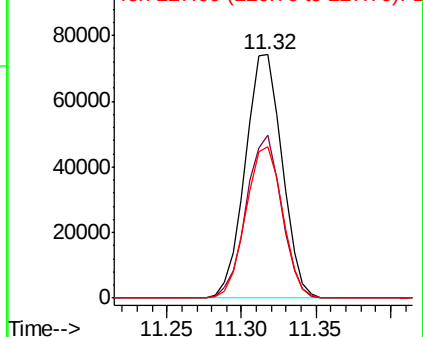


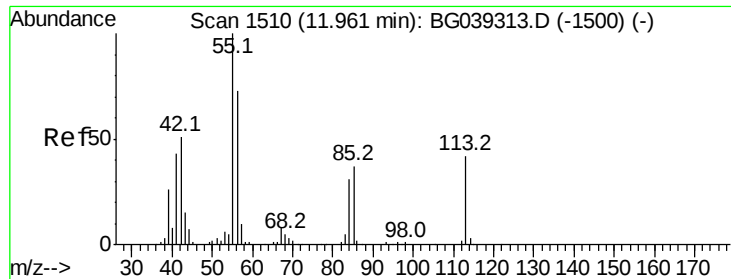
#34
Hexachlorobutadiene
Concen: 47.741 ng
RT: 11.32 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	49.0	73.6
227	62.4	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
100000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.507 ng/ml

RT: 11.95 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:113 Resp: 67006

Ion Ratio Lower Upper

113 100

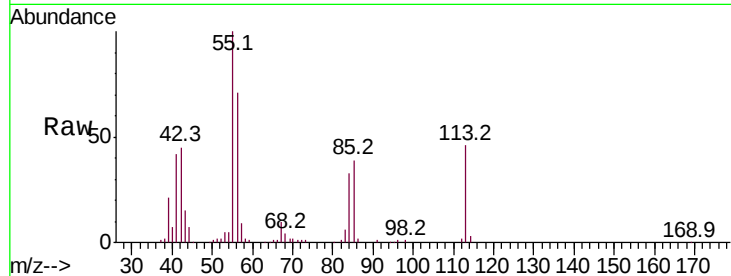
55 219.1 216.9 256.9

56 155.6 152.6 192.6

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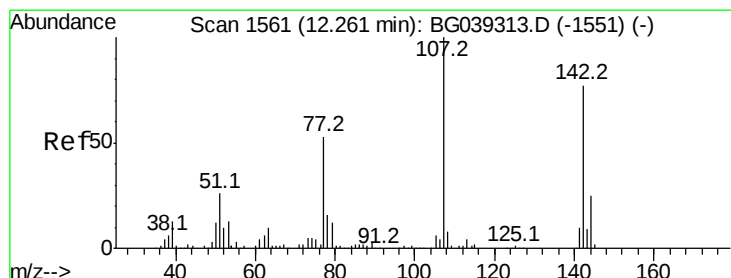
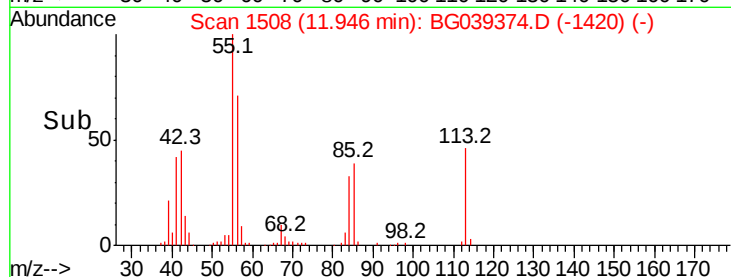
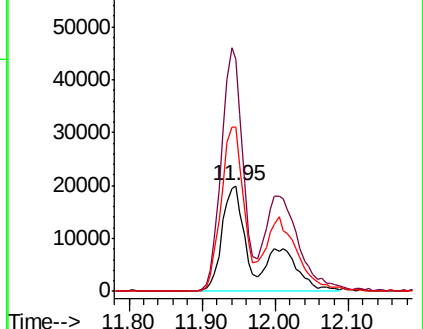
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.919 ng/ml

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

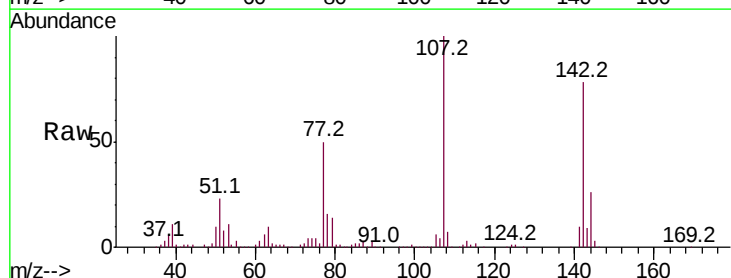
Tgt Ion:107 Resp: 209539

Ion Ratio Lower Upper

107 100

144 26.1 20.2 30.2

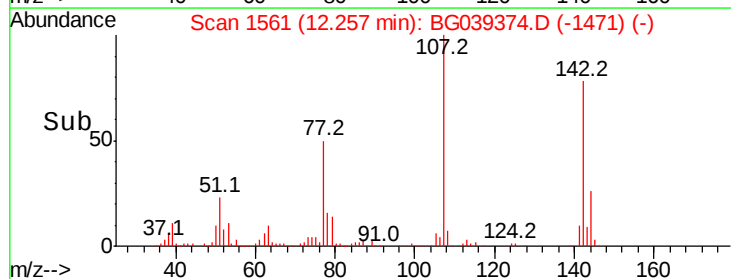
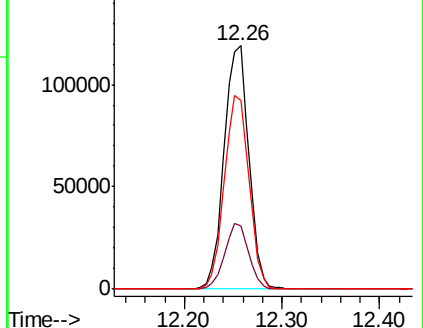
142 77.6 61.4 92.2

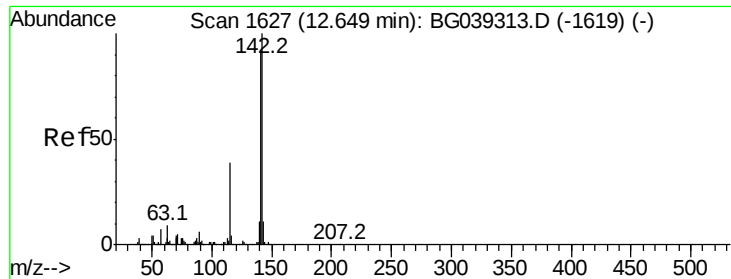


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





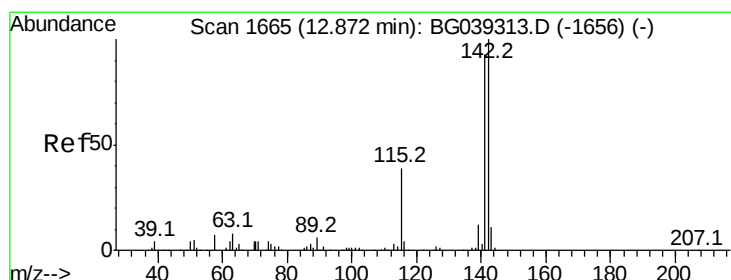
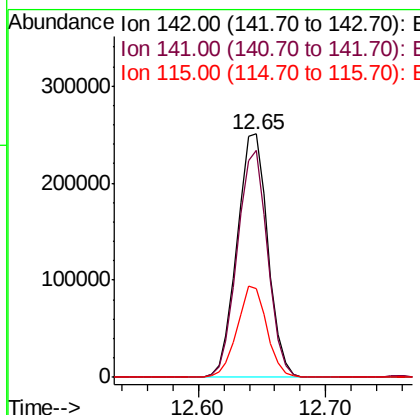
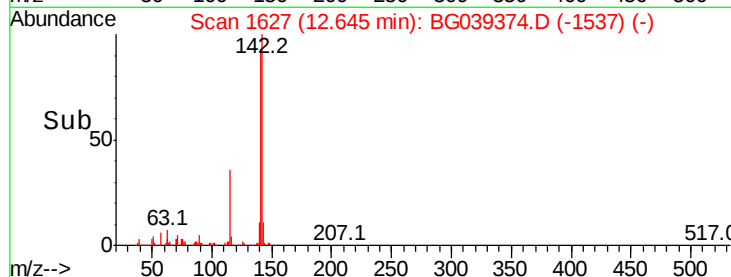
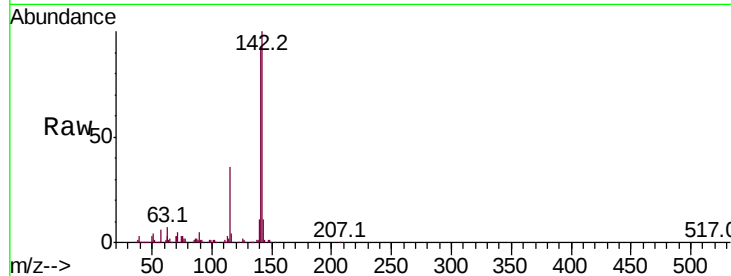
#37
2-Methylnaphthalene
Concen: 50.490 ng
RT: 12.65 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.5	110.3
115	36.3	30.8	46.2

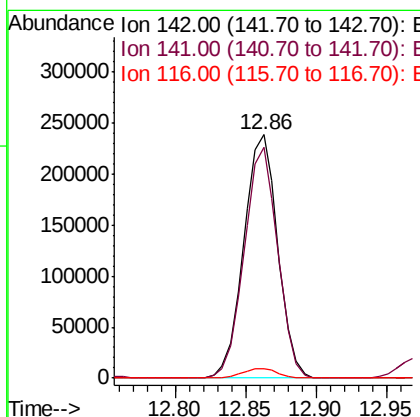
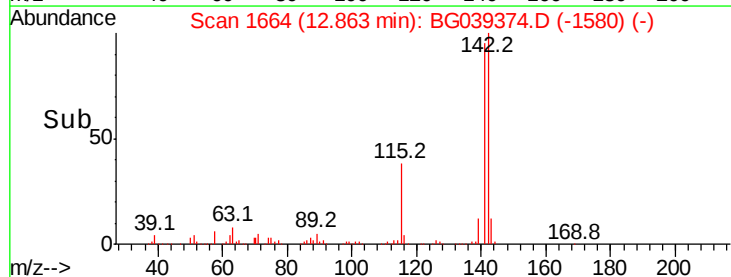
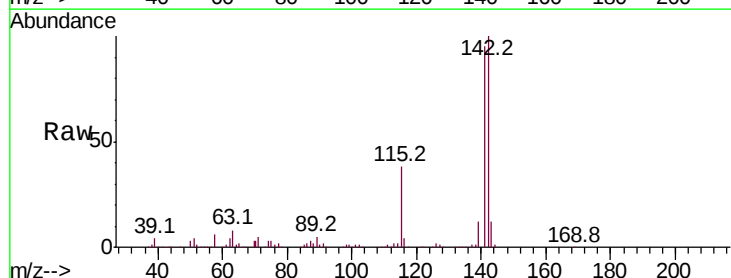
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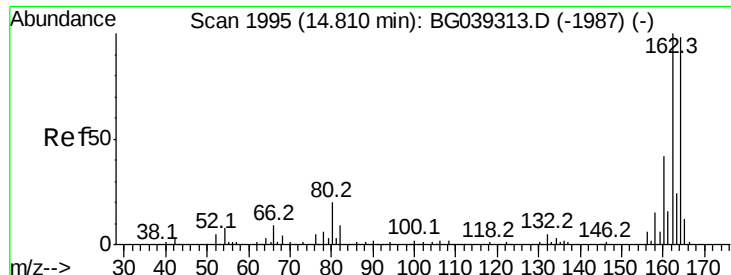
mohammad
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#38
1-Methylnaphthalene
Concen: 49.940 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	74.2	111.4
116	4.0	3.0	4.6





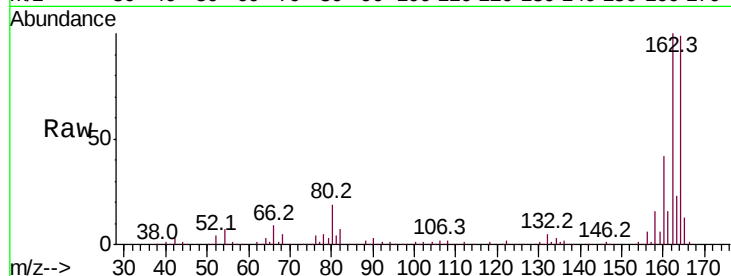
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.6	122.4
160	42.3	34.2	51.2

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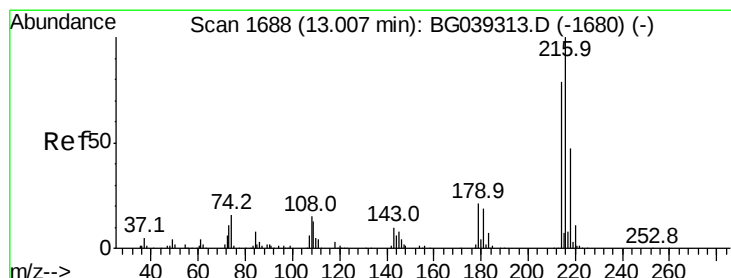
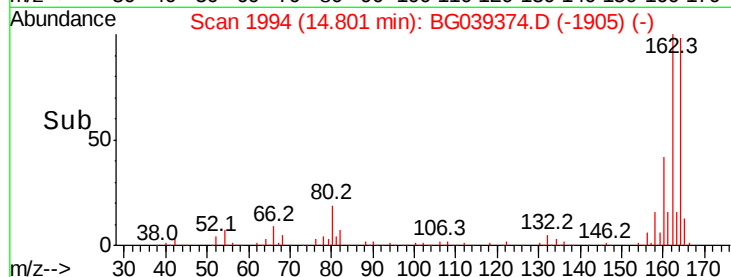
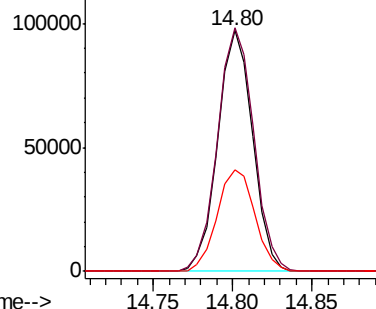


Abundance

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: 49.831 ng
RT: 13.00 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.6	94.0
179	20.4	16.6	25.0
108	17.8	14.0	21.0

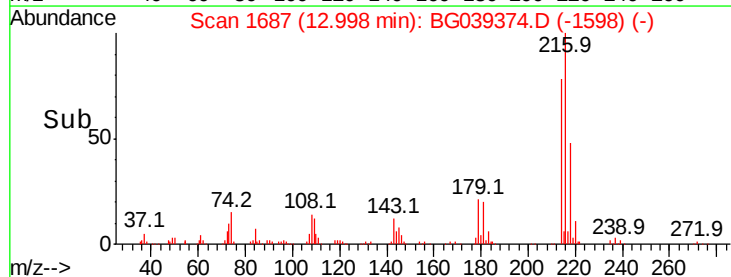
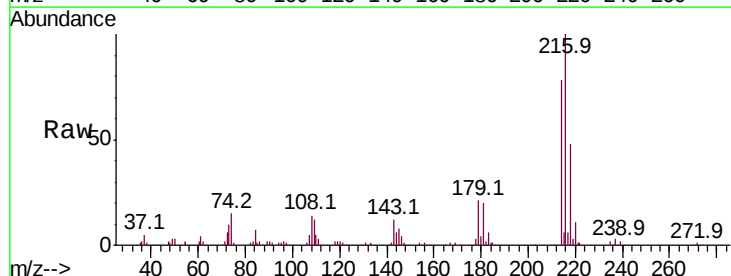
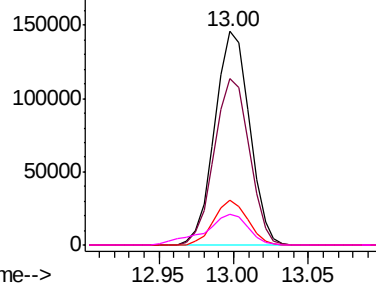
Abundance

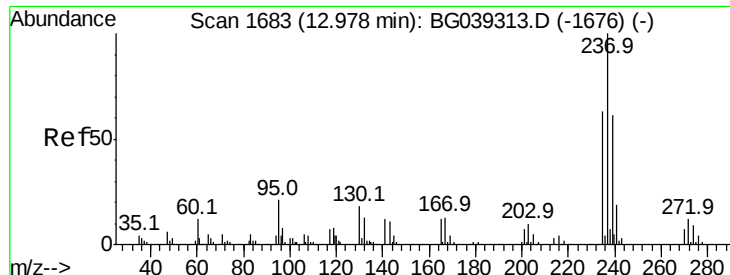
Ion 216.00 (215.70 to 216.70): E

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: 103.540 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

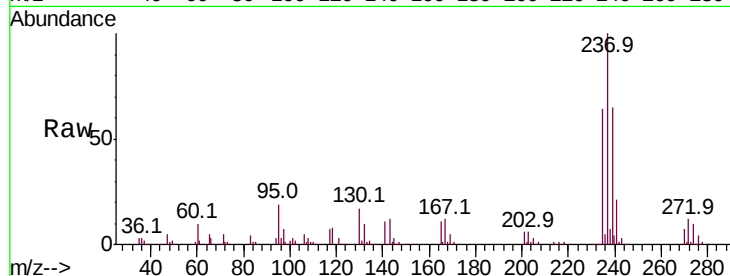
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

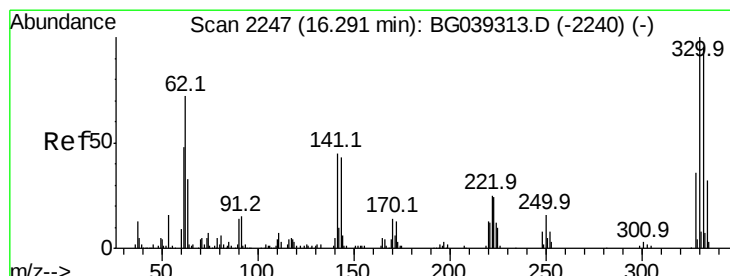
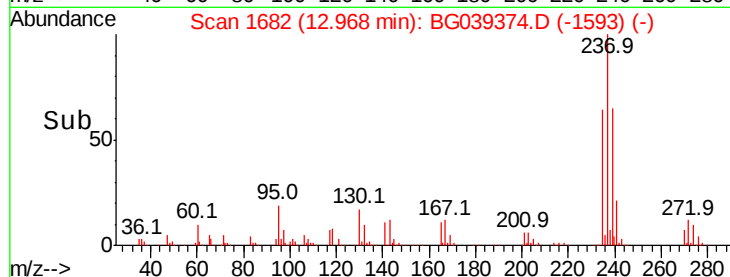
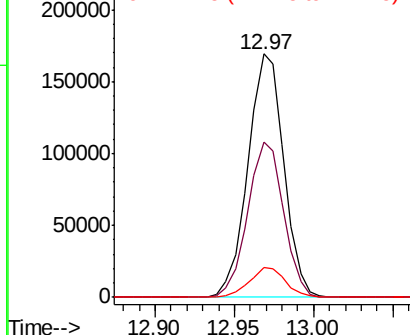
Tot Ion:	237	Resp:	265903
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.3	83.3
272	12.3	0.0	32.3

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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: 171.330 ng

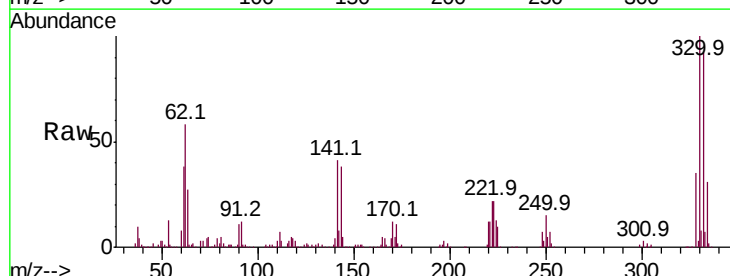
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

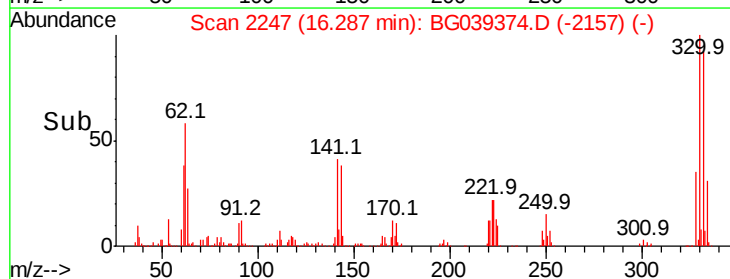
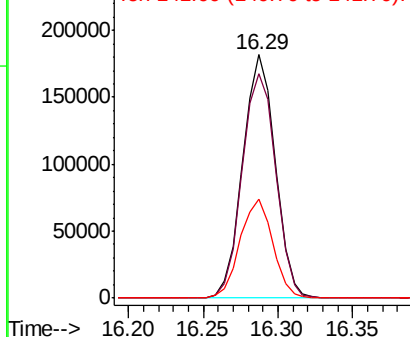
Lab File: BG039374.D

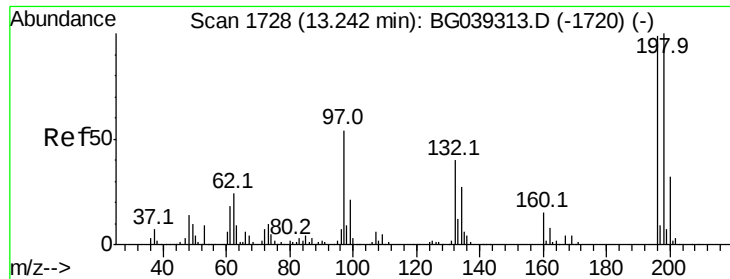
Acq: 6 Feb 2019 17:17

Tgt Ion:	330	Resp:	273279
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.7	113.5
141	41.2	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





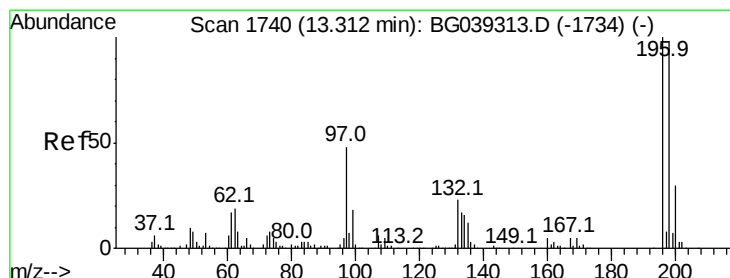
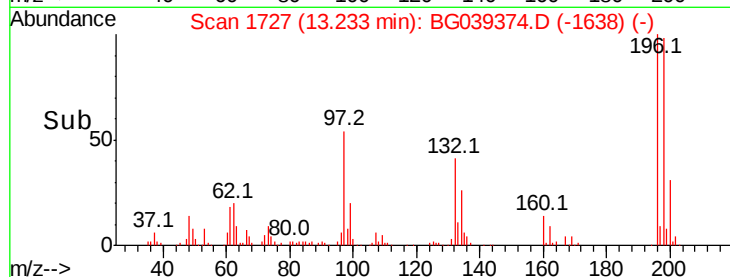
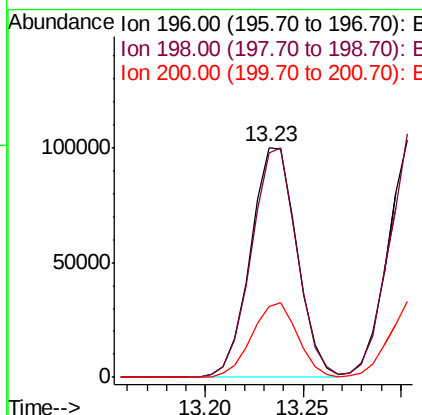
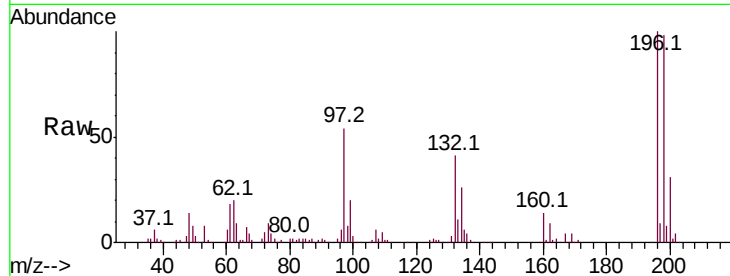
#43
 2,4,6-Trichlorophenol
 Concen: 56.759 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164473		
198	97.9	80.6	121.0	
200	30.8	26.1	39.1	

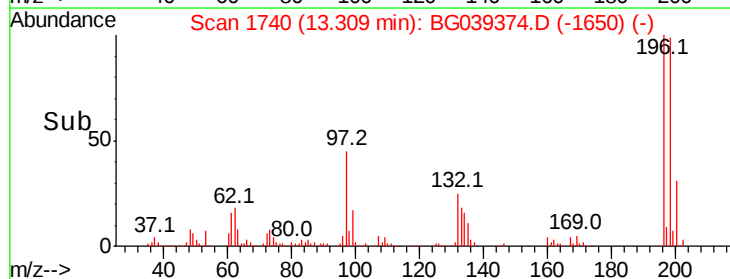
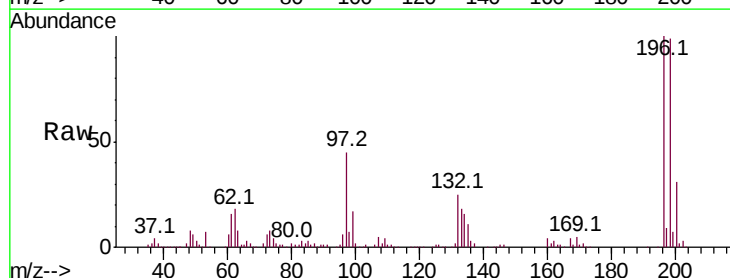
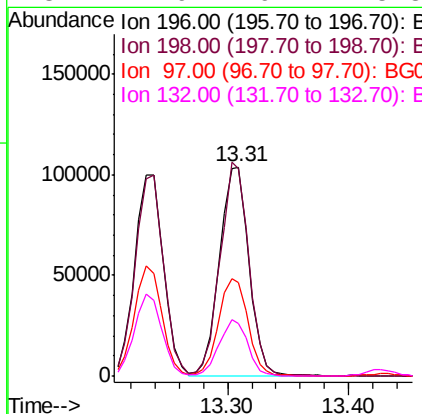
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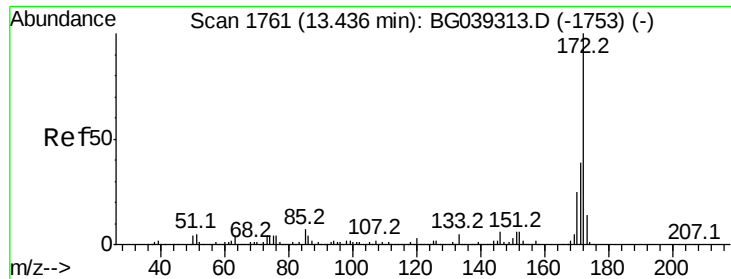
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 57.599 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174930		
198	99.3	78.5	117.7	
97	45.0	38.4	57.6	
132	24.9	19.2	28.8	





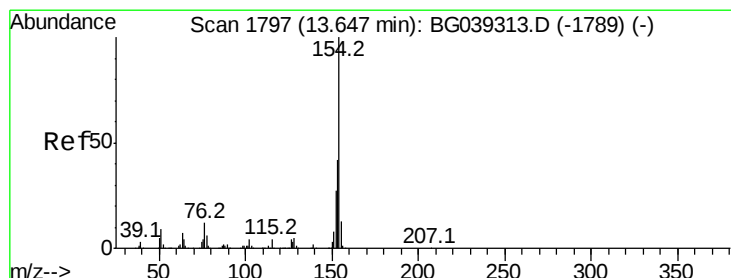
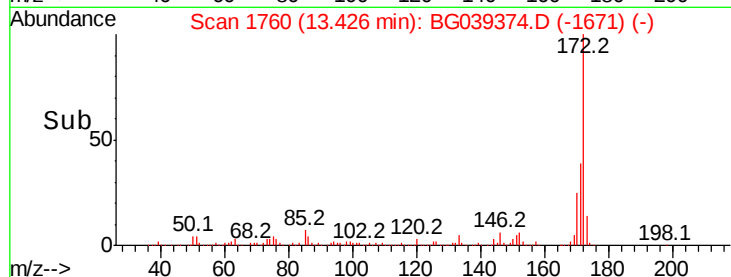
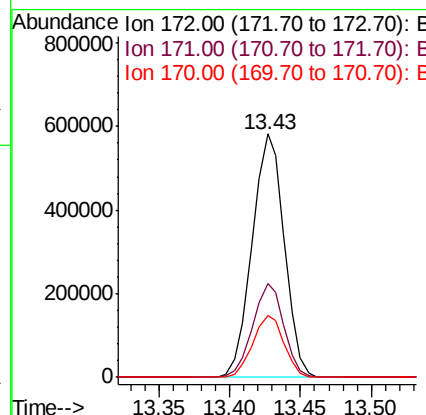
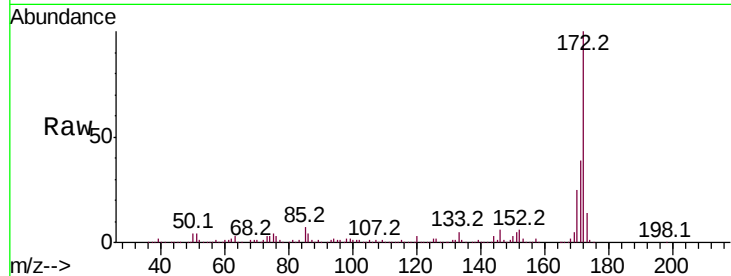
#45
2-Fluorobiphenyl
Concen: 89.948 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	25.2	20.2	30.4

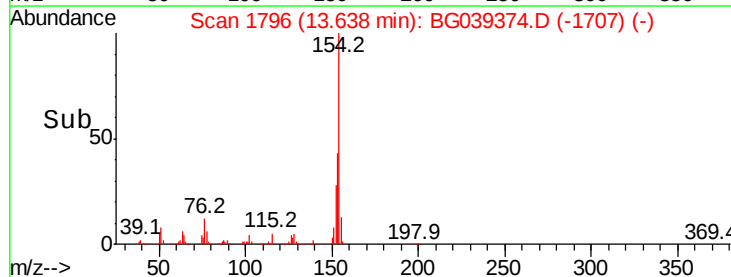
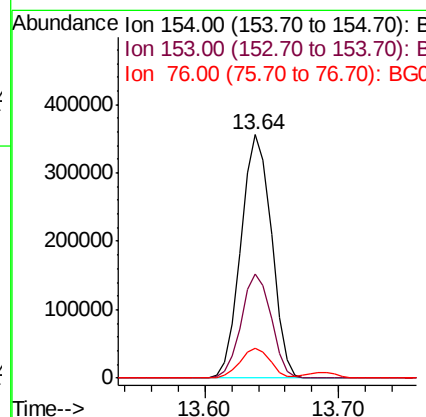
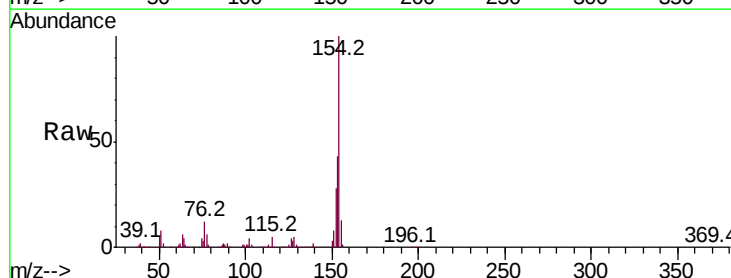
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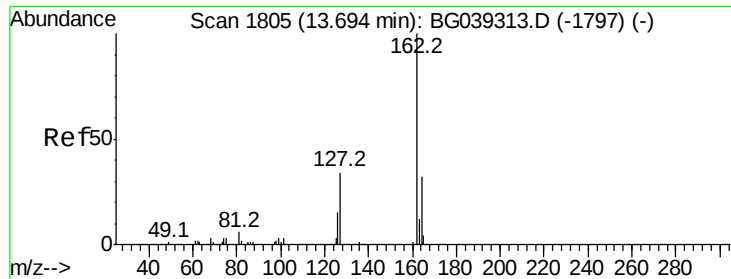
mohammad
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#46
1,1'-Biphenyl
Concen: 45.735 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	12.4	0.0	32.4





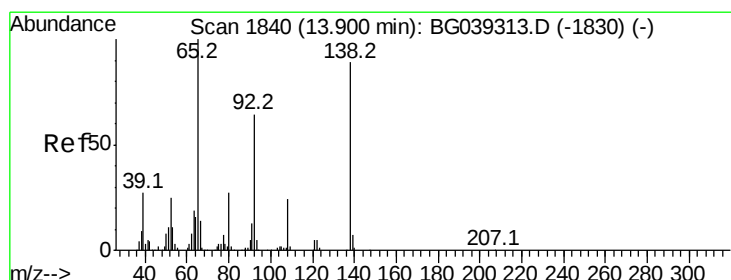
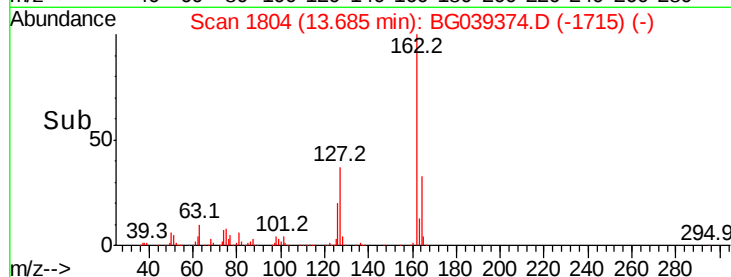
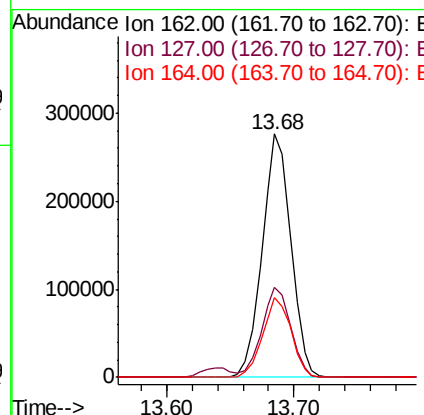
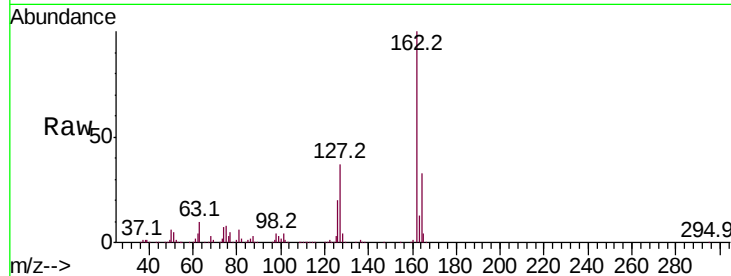
#47
2-Chloronaphthalene
Concen: 46.895 ng
RT: 13.68 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	32.6	25.7	38.5

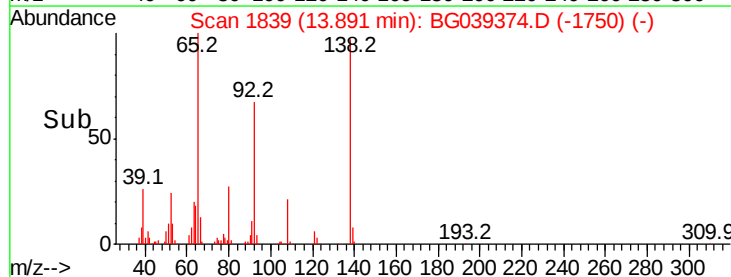
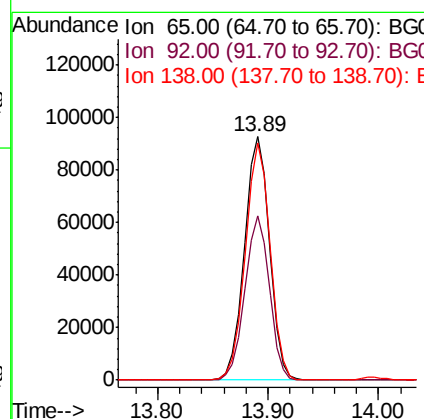
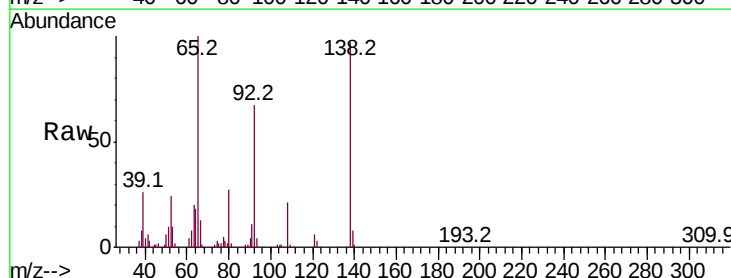
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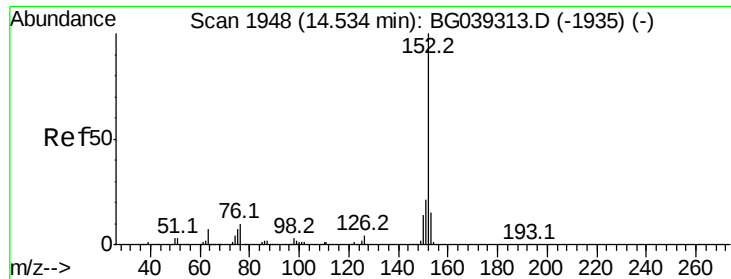
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#48
2-Nitroaniline
Concen: 54.157 ng
RT: 13.89 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	51.4	77.2
138	97.2	71.4	107.2





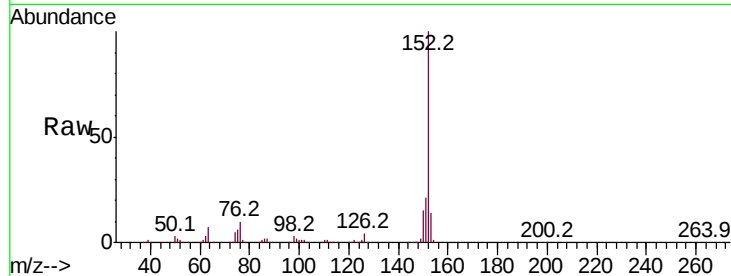
#49
Acenaphthylene
Concen: 50.118 ng
RT: 14.53 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

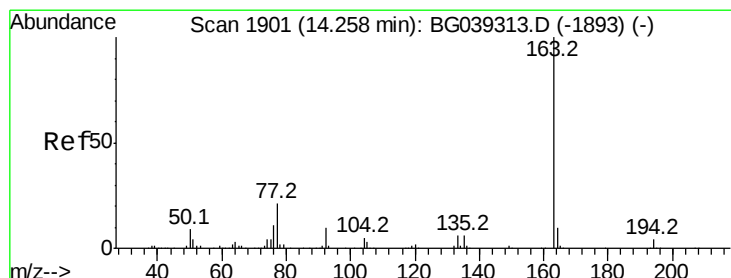
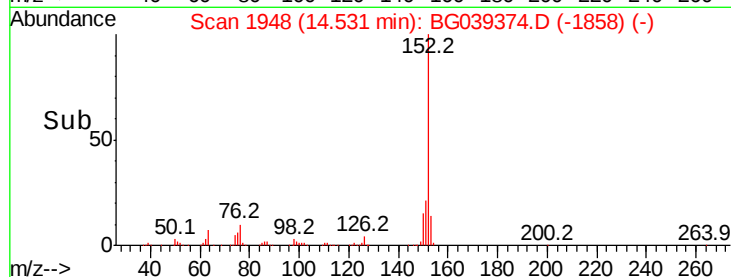
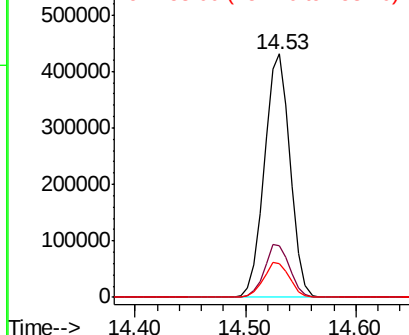
Tot Ion:	152	Resp:	701134
Ion Ratio	Lower	Upper	
152	100		
151	21.4	16.8	25.2
153	14.1	11.7	17.5

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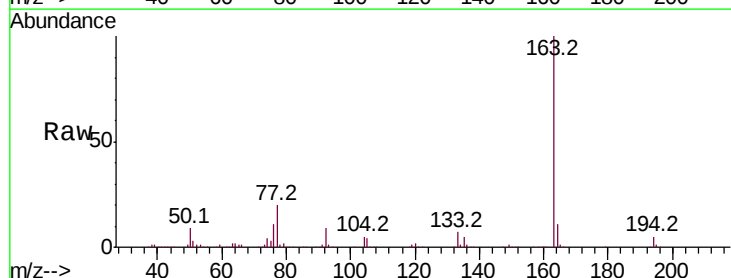


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

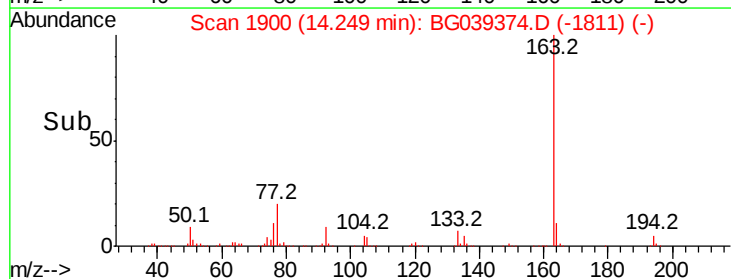
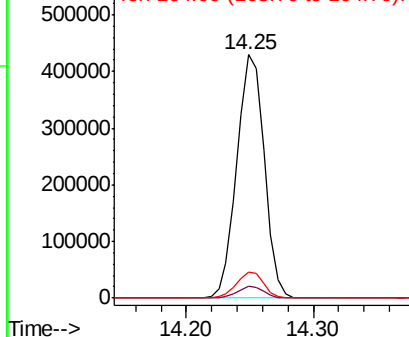


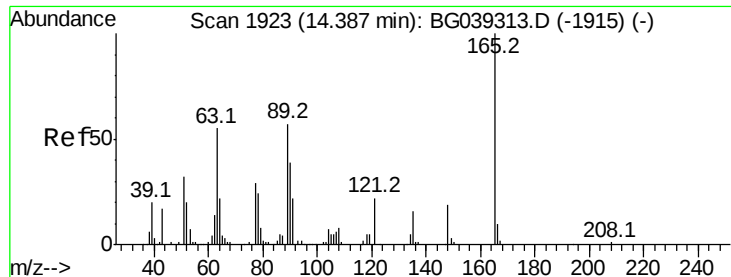
#50
Dimethylphthalate
Concen: 53.737 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion:	163	Resp:	642859
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.6	5.4
164	10.6	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





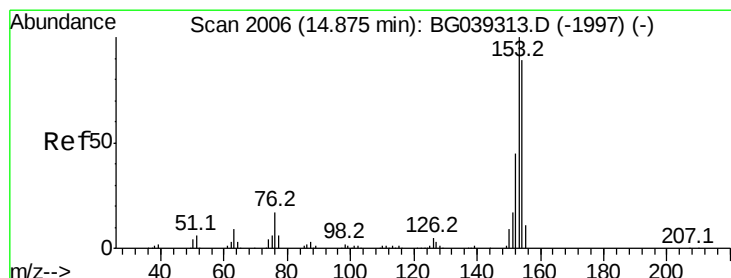
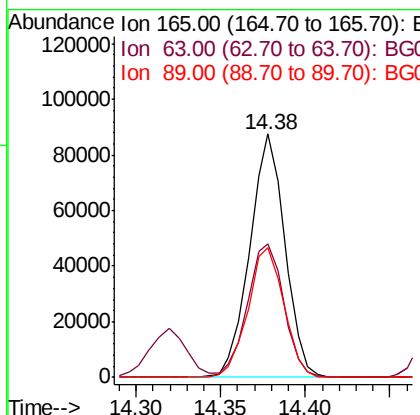
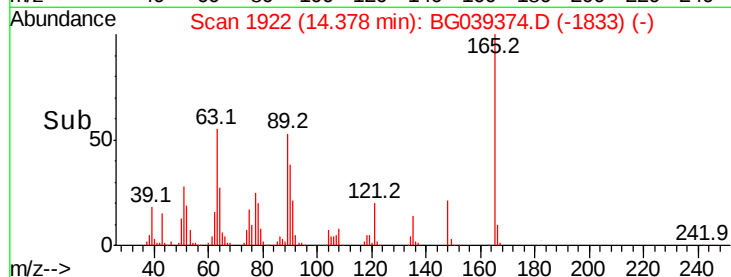
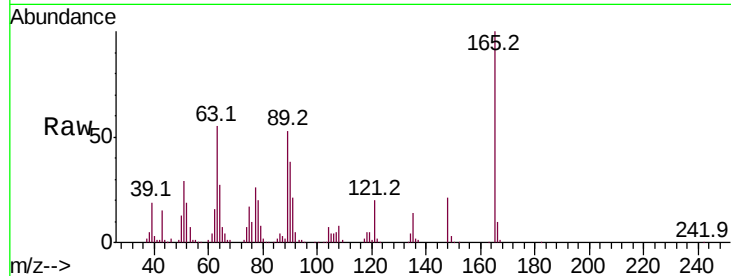
#51
 2,6-Dinitrotoluene
 Concen: 55.489 ng
 RT: 14.38 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126715		
63	54.6	47.0	70.6	
89	53.4	45.8	68.8	

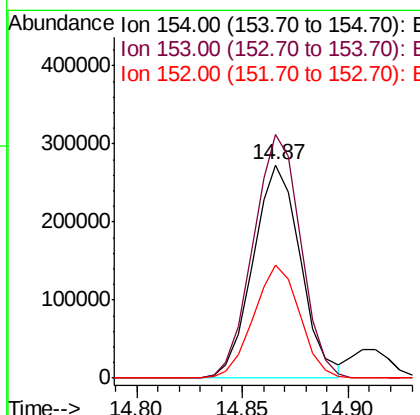
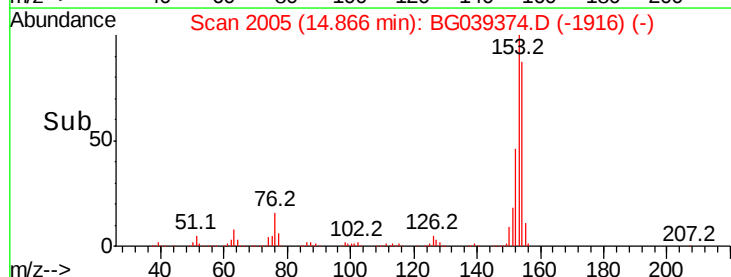
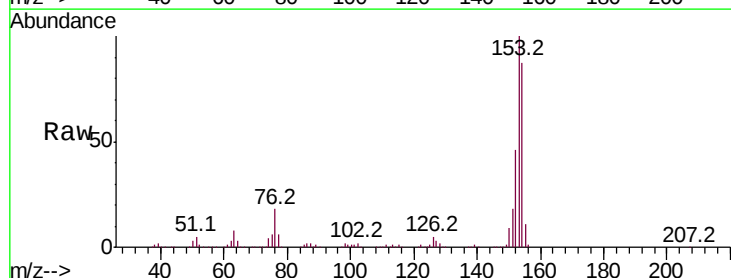
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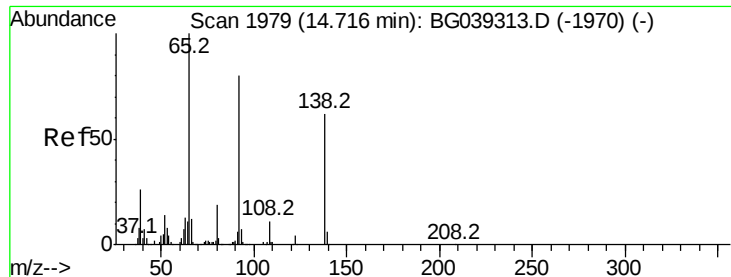
mohammad
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#52
 Acenaphthene
 Concen: 47.093 ng
 RT: 14.87 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	427648		
153	114.4	90.1	135.1	
152	52.8	40.9	61.3	





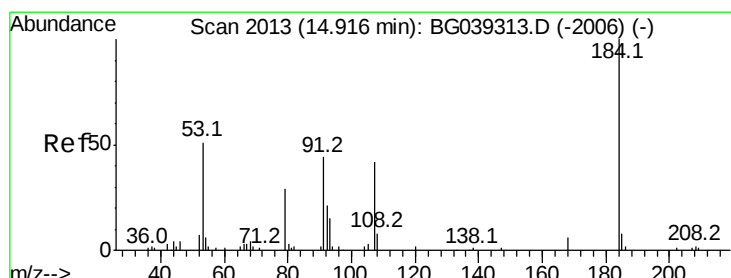
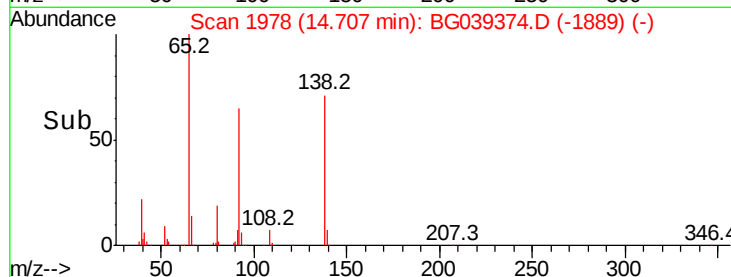
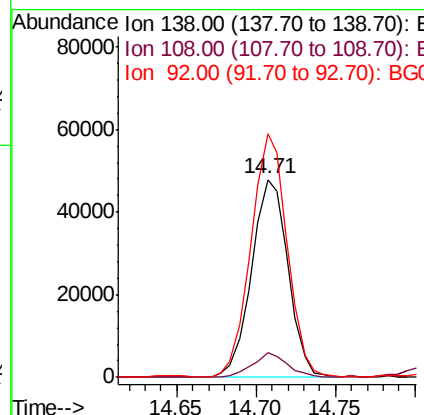
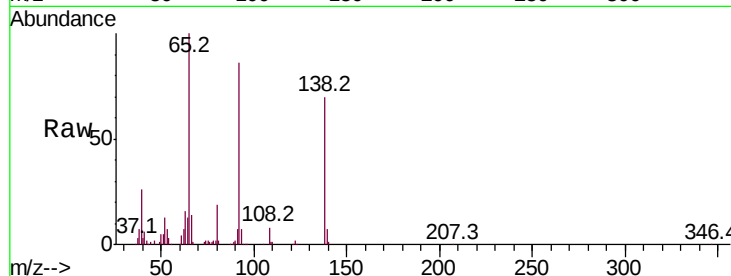
#53
3-Nitroaniline
Concen: 33.719 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.2	13.8	20.8#
92	123.1	103.7	155.5

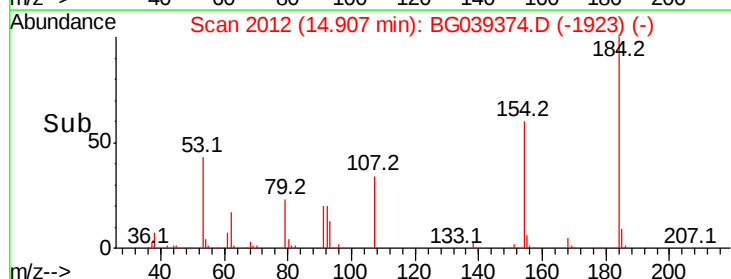
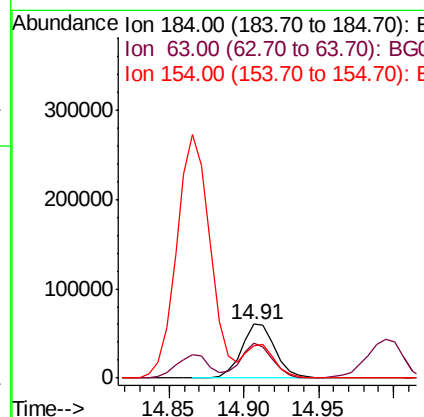
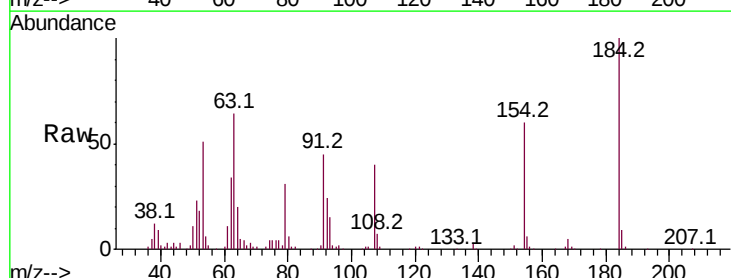
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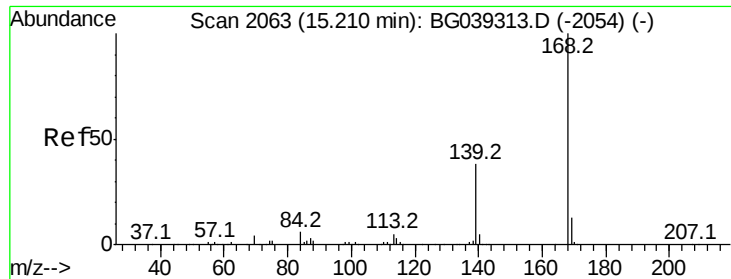
mohammad
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#54
2,4-Dinitrophenol
Concen: 89.810 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.5	50.9	76.3
154	60.4	53.0	79.6





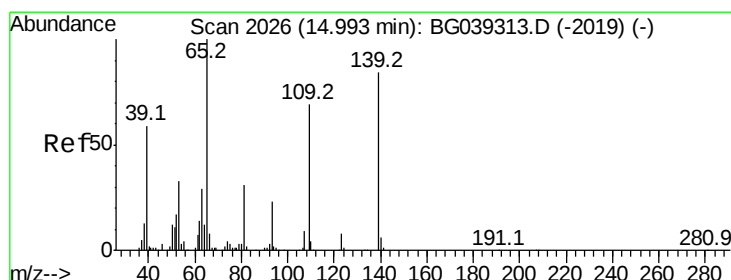
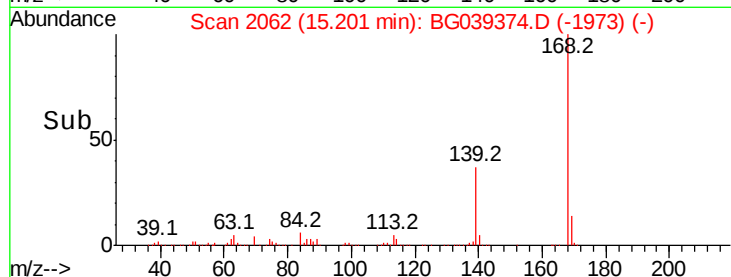
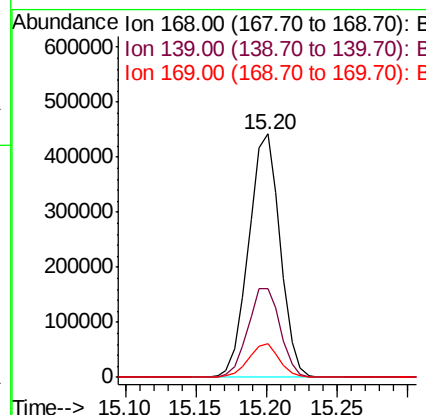
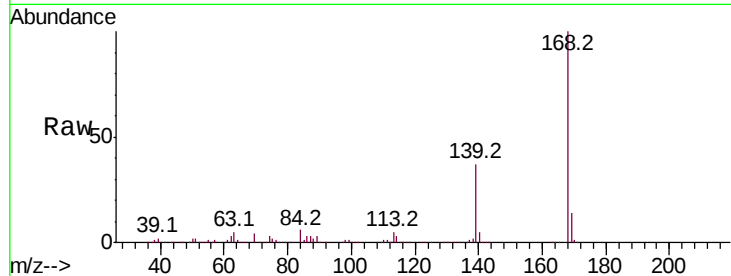
#55
Dibenzofuran
Concen: 47.464 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.1	45.1
169	14.0	10.6	16.0

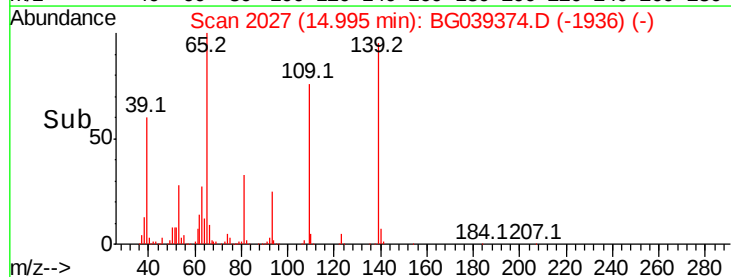
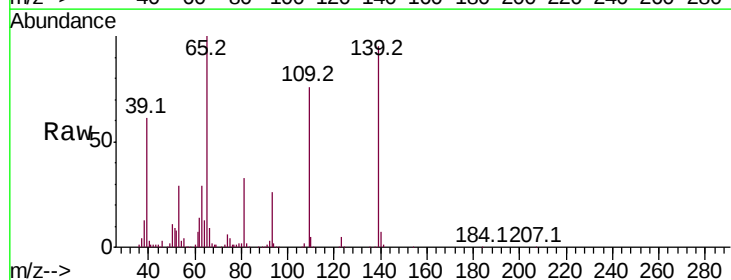
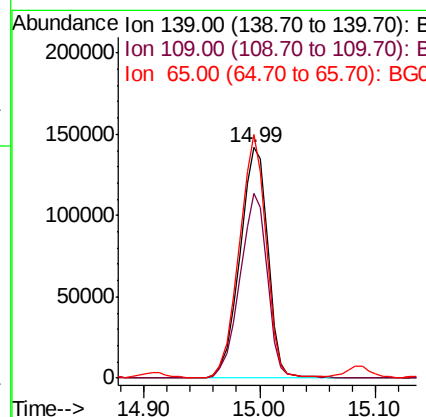
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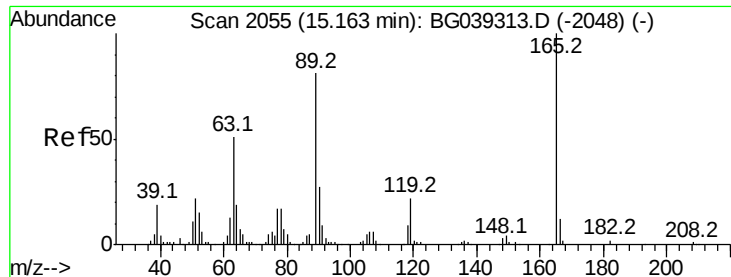
mohammad
2/7/2019 8:41:04 AM



#56
4-Nitrophenol
Concen: 107.605 ng
RT: 14.99 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.2	61.9	101.9
65	105.6	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 59.742 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

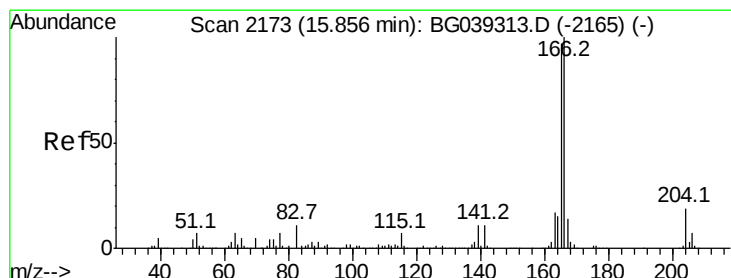
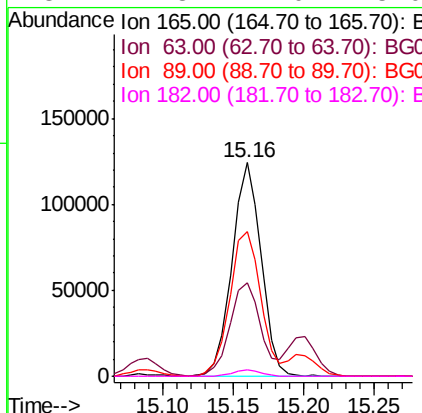
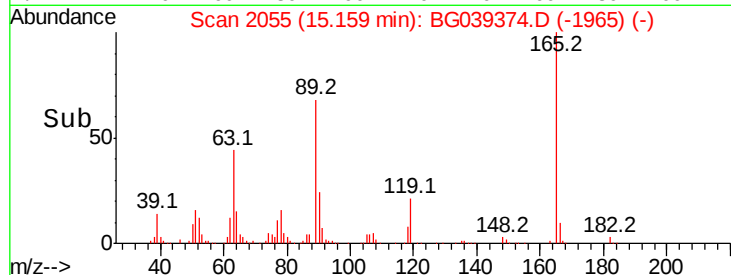
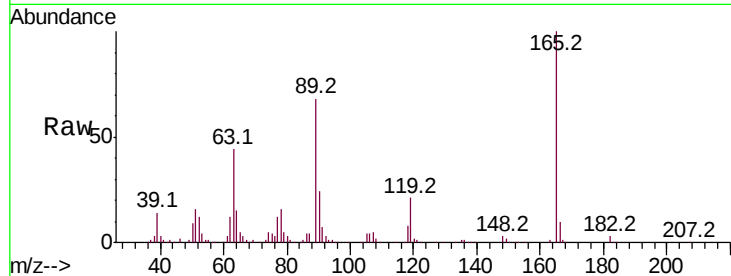
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	177650		
63	43.9		41.0	61.6
89	68.0		64.6	96.8
182	2.8		2.0	3.0

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#58

Fluorene

Concen: 50.168 ng

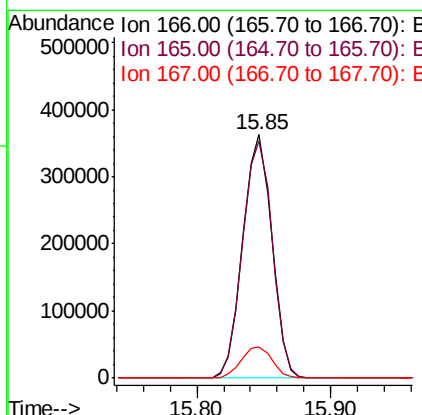
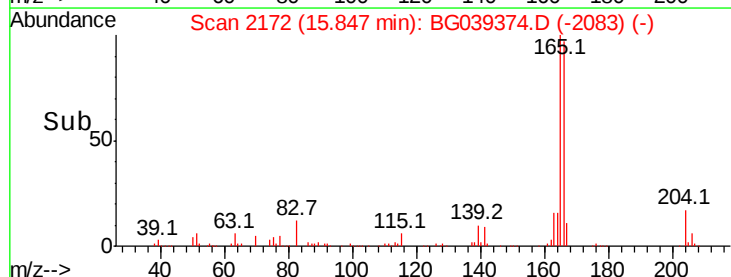
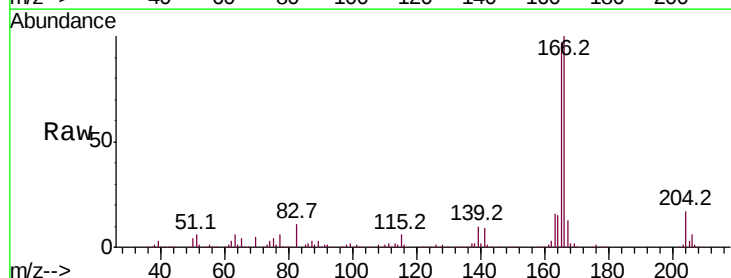
RT: 15.85 min Scan# 2172

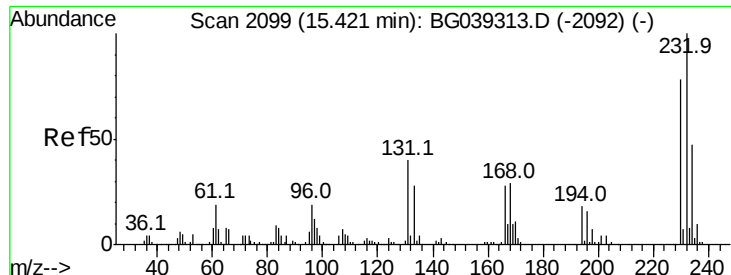
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	544515		
165	97.3		77.9	116.9
167	12.9		10.8	16.2





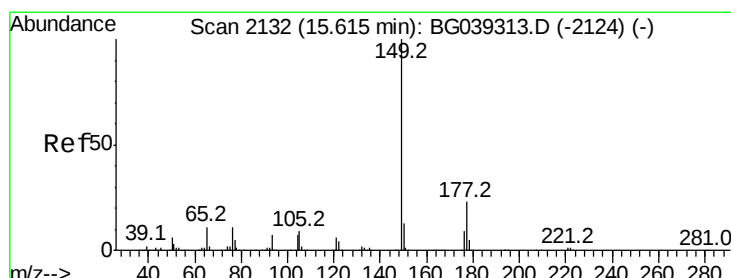
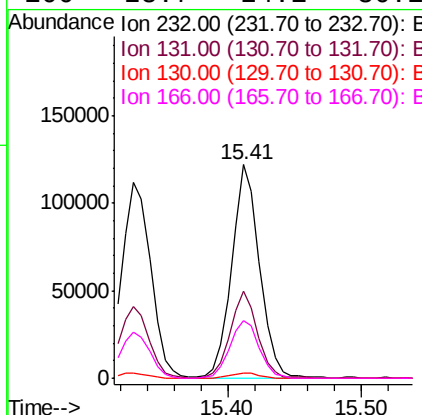
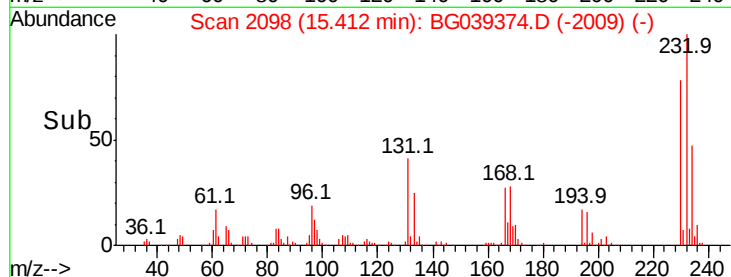
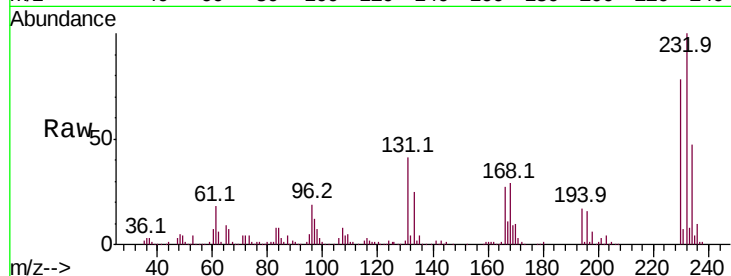
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 62.019 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.6	34.9	52.3
130	2.6	2.0	3.0
166	28.7	24.1	36.1

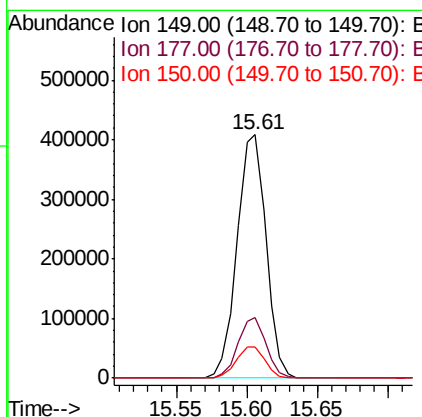
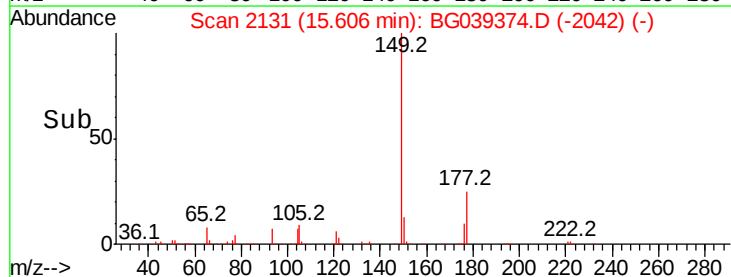
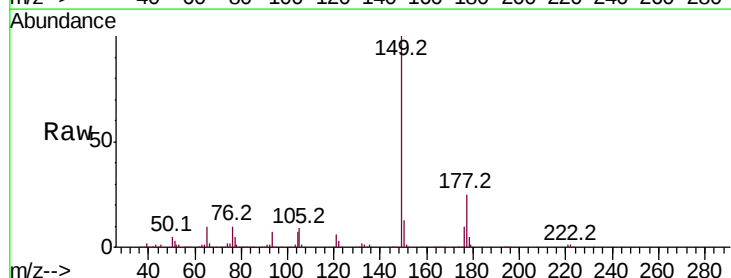
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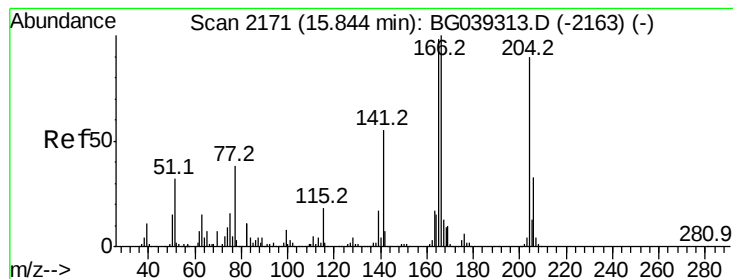
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#60
 Diethylphthalate
 Concen: 47.205 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.3	27.5
150	13.0	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 47.159 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

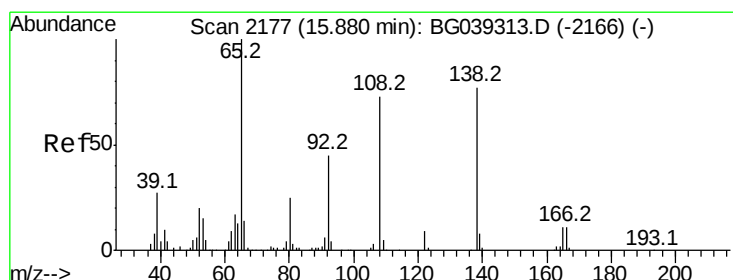
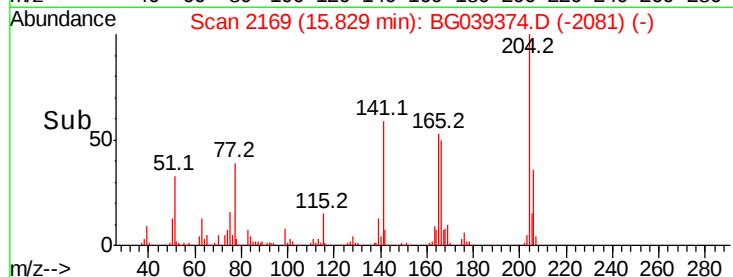
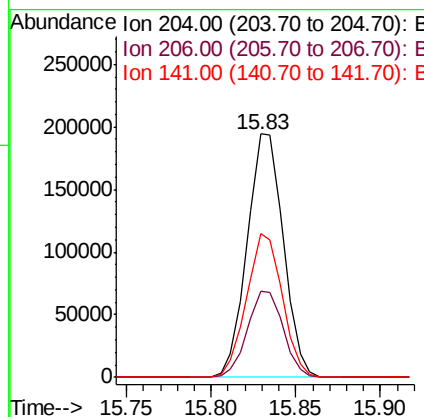
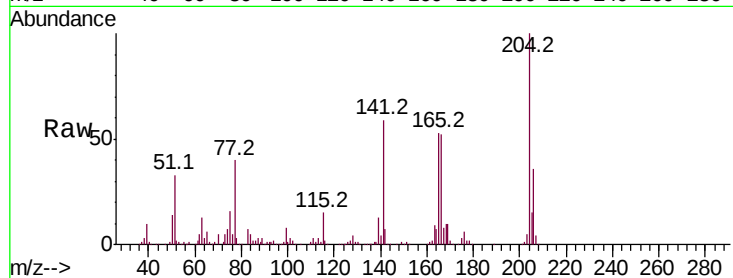
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	204	Resp:	289825
Ion Ratio		Lower	Upper
204	100		
206	35.5	29.2	43.8
141	59.1	49.0	73.4

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#62

4-Nitroaniline

Concen: 53.971 ng

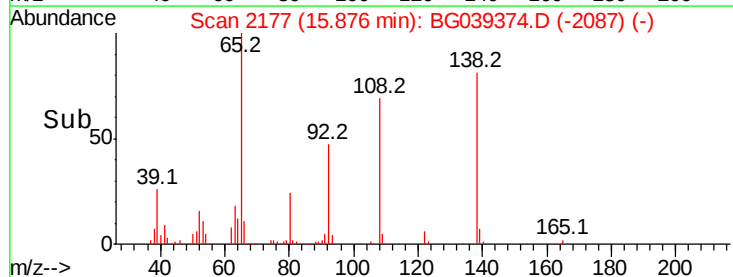
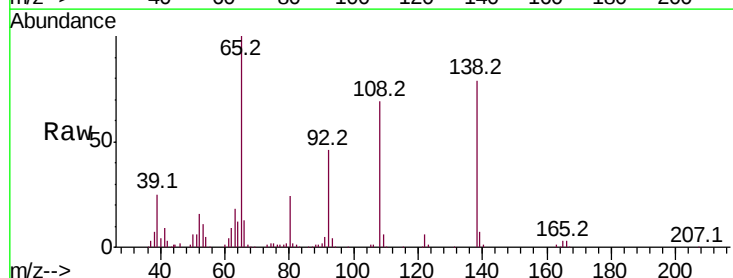
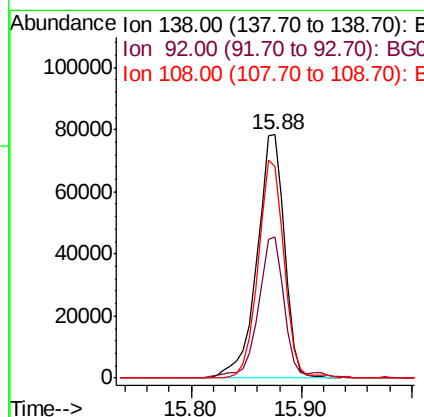
RT: 15.88 min Scan# 2177

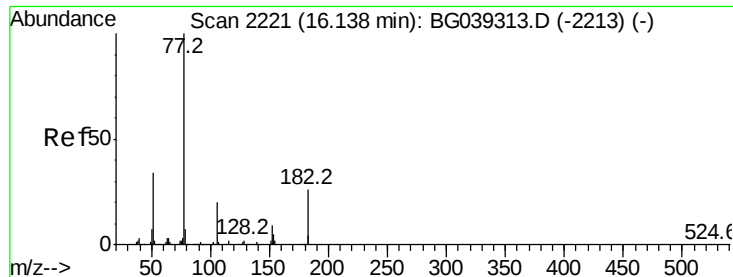
Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	138	Resp:	136832
Ion Ratio		Lower	Upper
138	100		
92	58.1	38.7	78.7
108	87.0	74.6	114.6





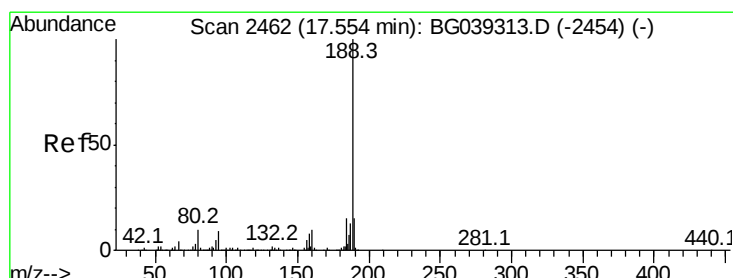
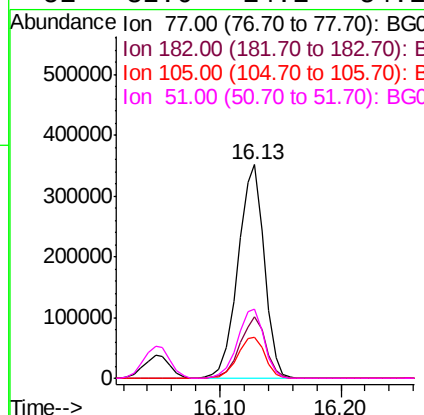
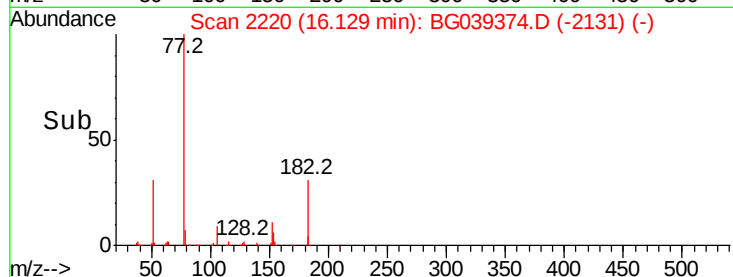
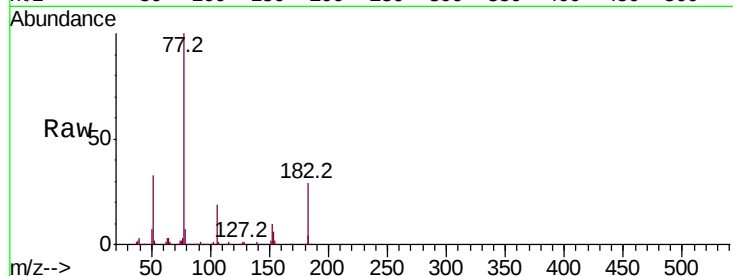
#63
Azobenzene
Concen: 43.925 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		531030		
182	28.7	6.4	46.4		
105	19.4	0.0	39.8		
51	32.6	14.1	54.1		

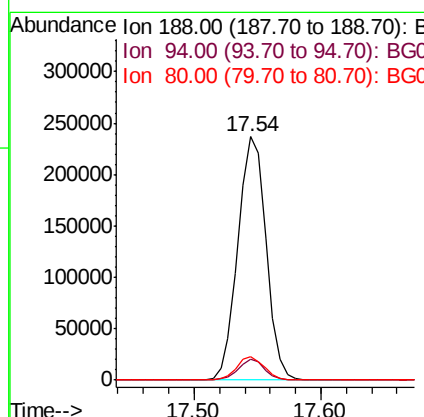
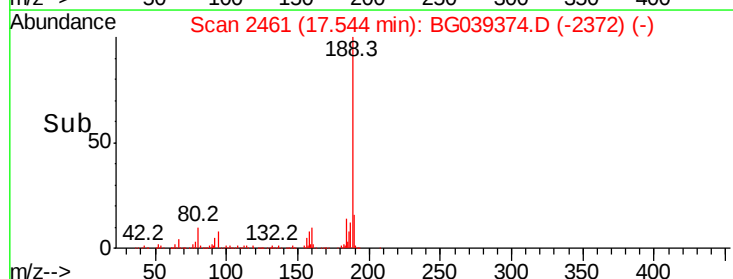
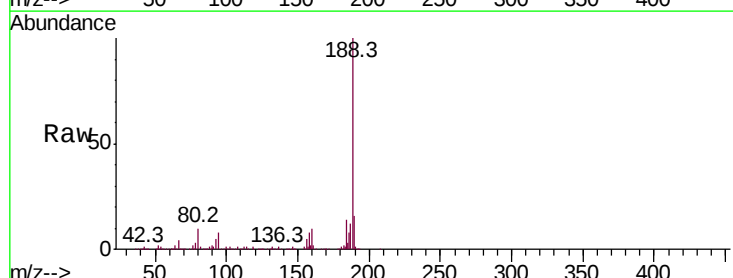
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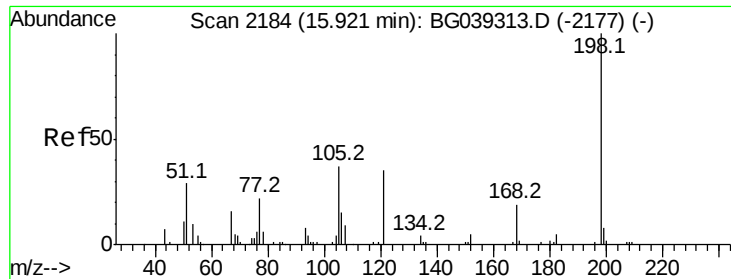
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		363367		
94	8.3	6.9	10.3		
80	9.6	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 59.212 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

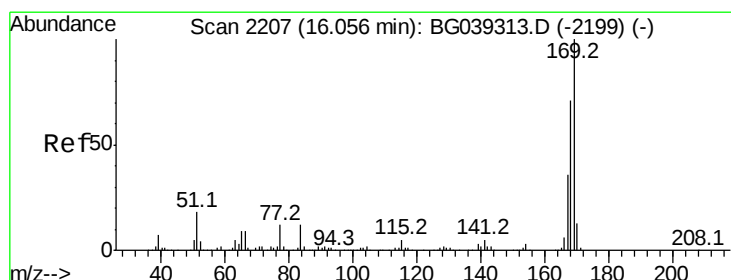
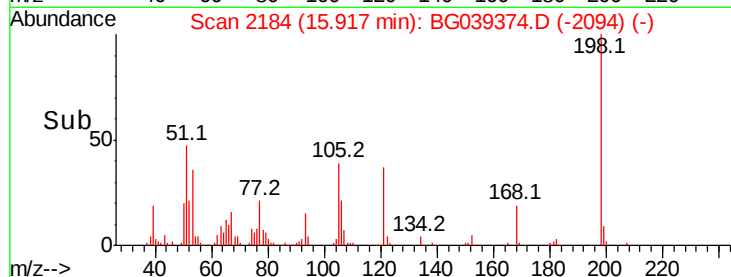
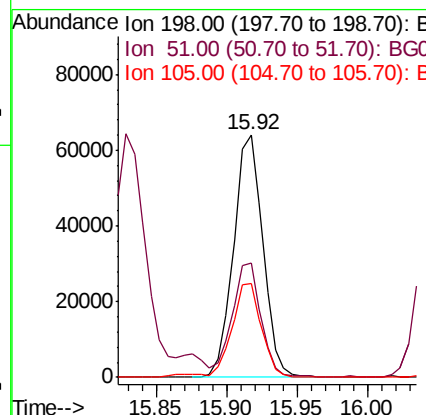
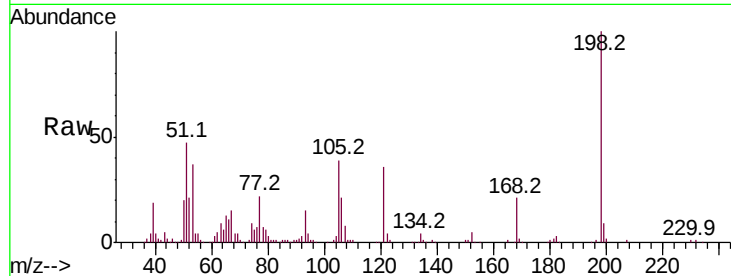
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	198	Resp:	92631
Ion Ratio	Lower	Upper	
198	100		
51	47.3	27.4	67.4
105	38.8	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 46.321 ng

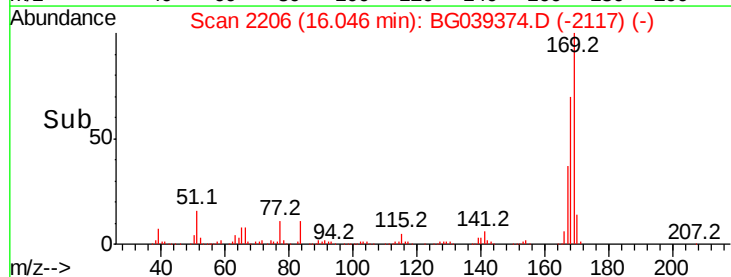
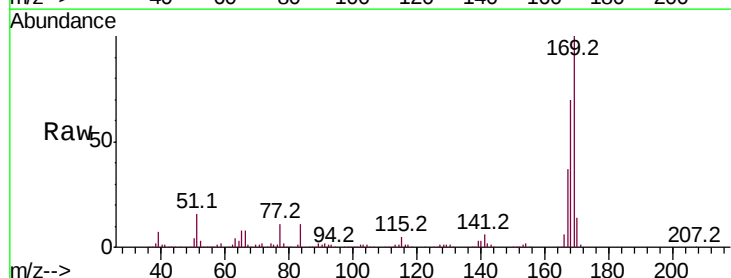
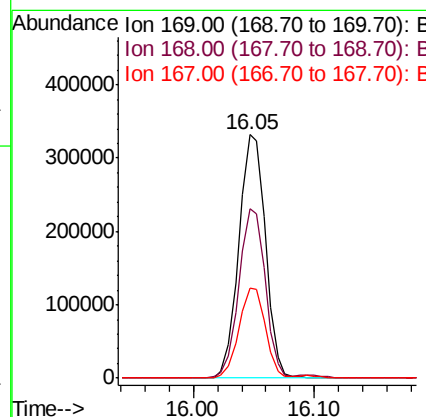
RT: 16.05 min Scan# 2206

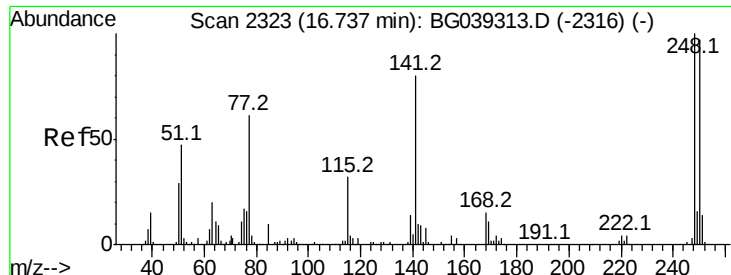
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	169	Resp:	511789
Ion Ratio	Lower	Upper	
169	100		
168	69.6	56.6	85.0
167	37.1	28.8	43.2





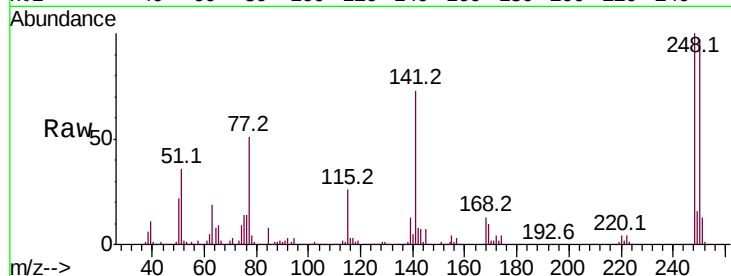
#67
 4-Bromophenyl-phenylether
 Concen: 47.623 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5MSD

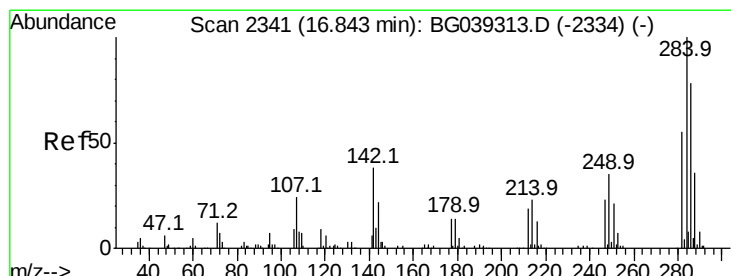
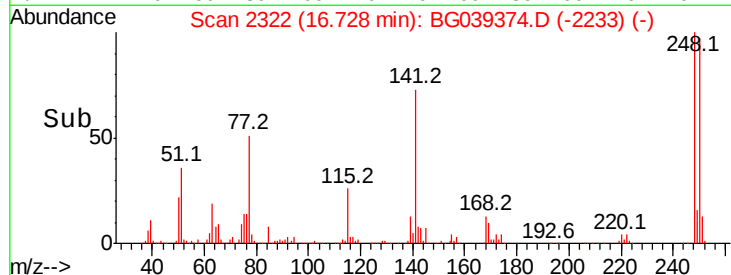
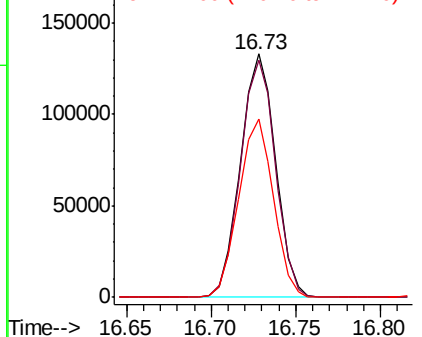
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.6	116.4
141	73.1	63.9	95.9

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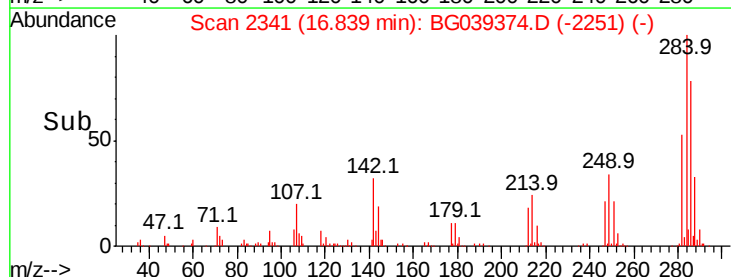
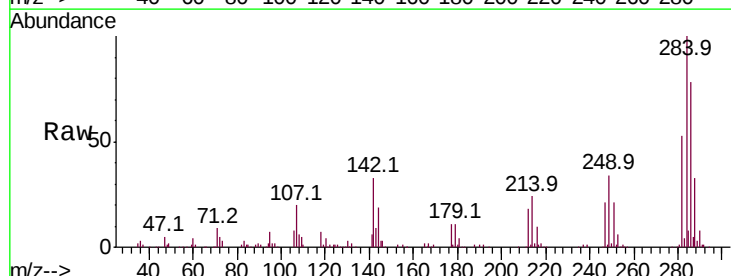
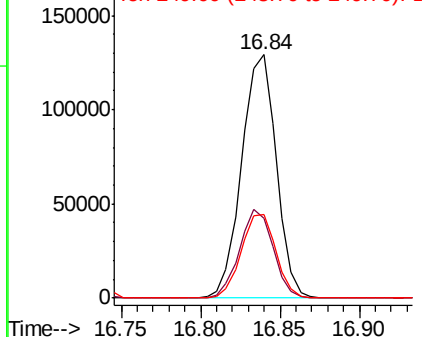
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

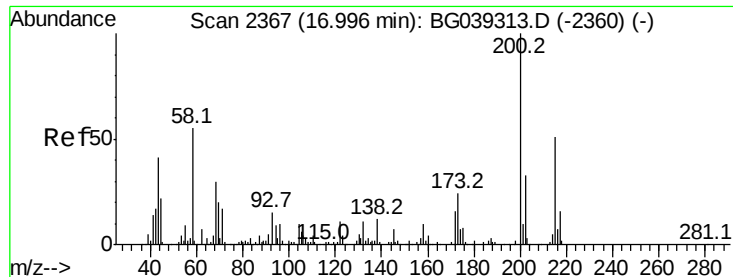


#68
 Hexachlorobenzene
 Concen: 48.449 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	30.6	45.8
249	34.4	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





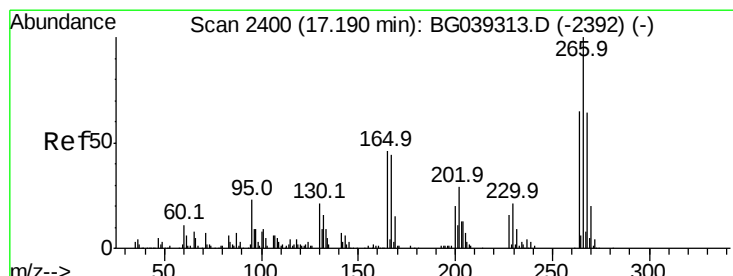
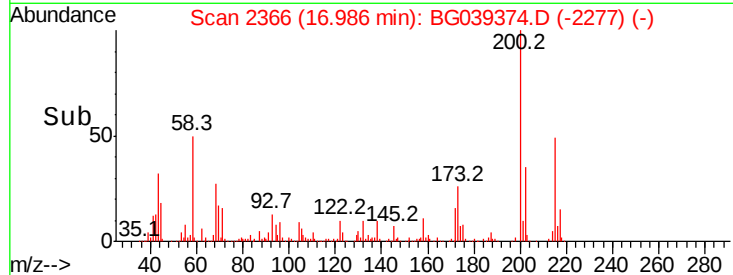
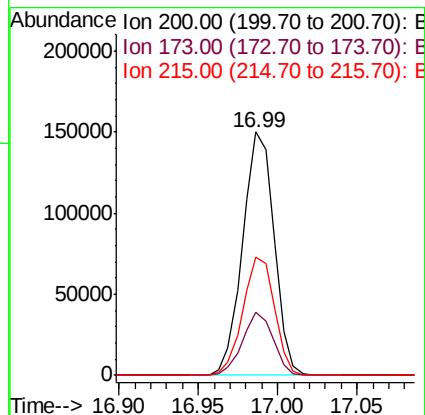
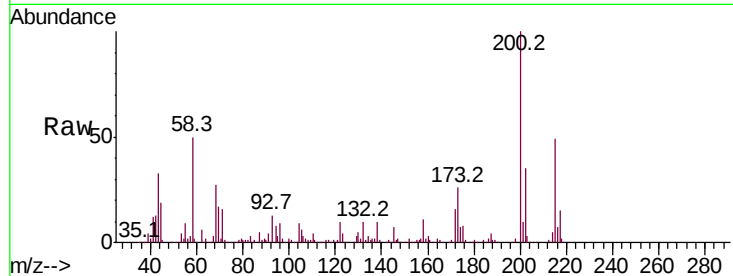
#69
 Atrazine
 Concen: 51.266 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	3.9	43.9
215	48.6	30.9	70.9

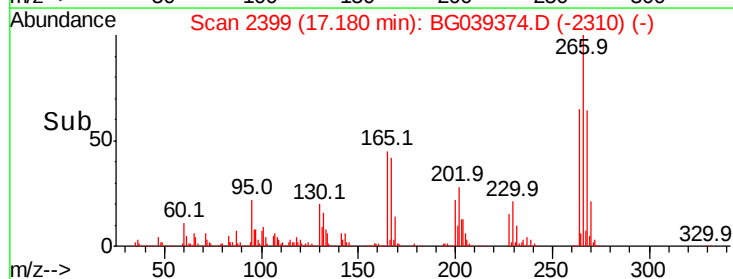
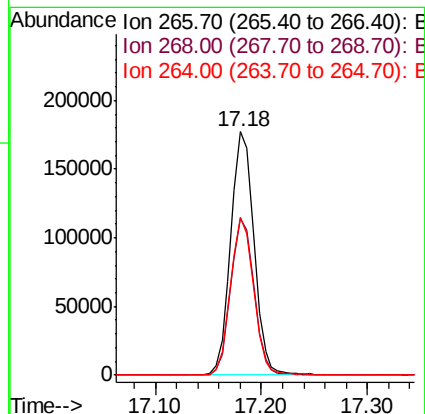
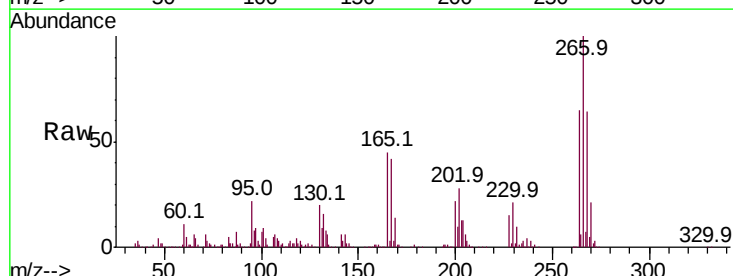
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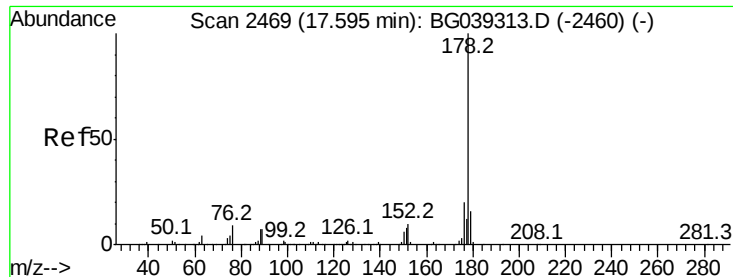
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#70
 Pentachlorophenol
 Concen: 96.293 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	51.1	76.7
264	64.6	52.1	78.1





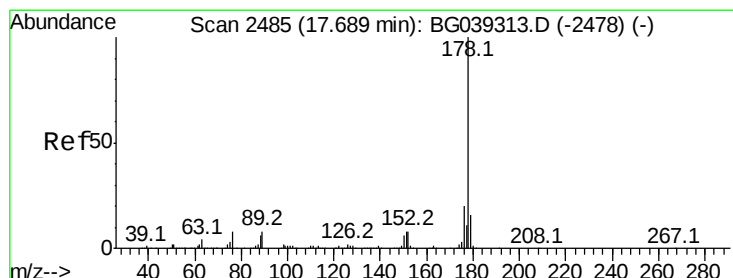
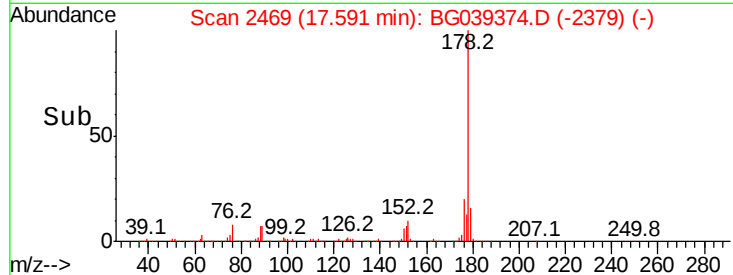
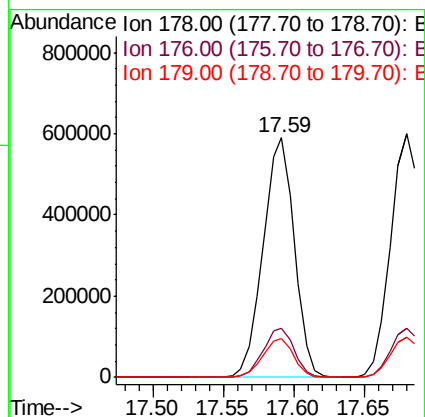
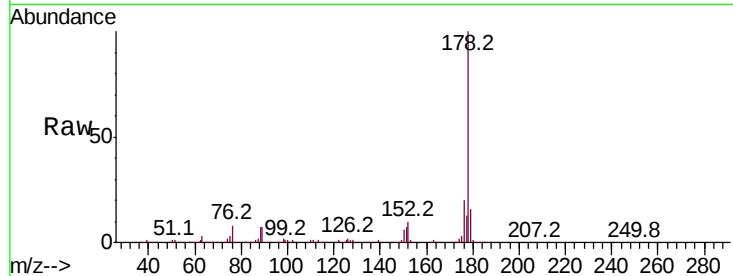
#71
Phenanthrene
Concen: 48.752 ng
RT: 17.59 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.3	12.6	19.0

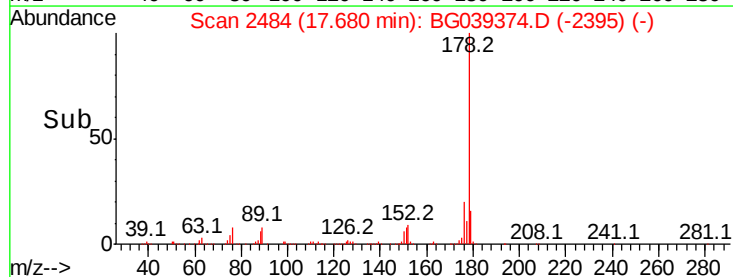
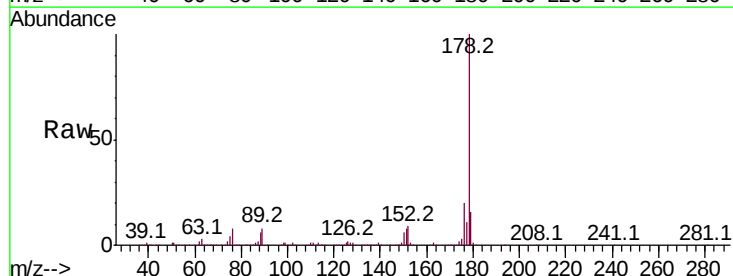
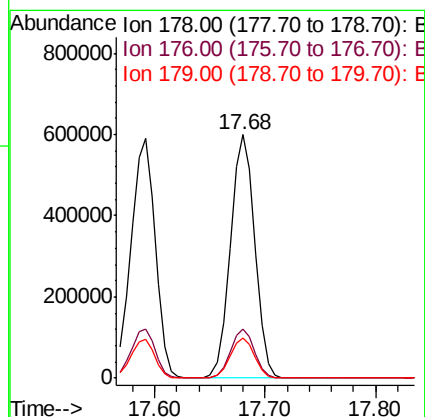
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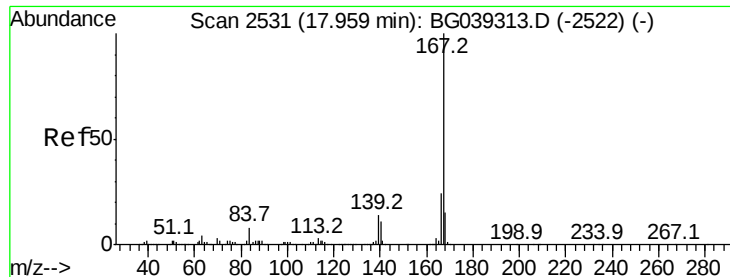
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#72
Anthracene
Concen: 49.917 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.4	12.5	18.7





#73

Carbazole

Concen: 45.362 ng

RT: 17.95 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

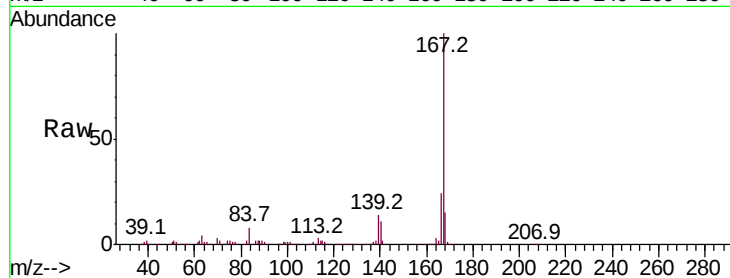
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

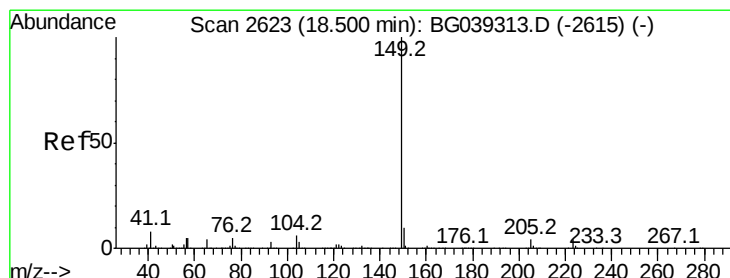
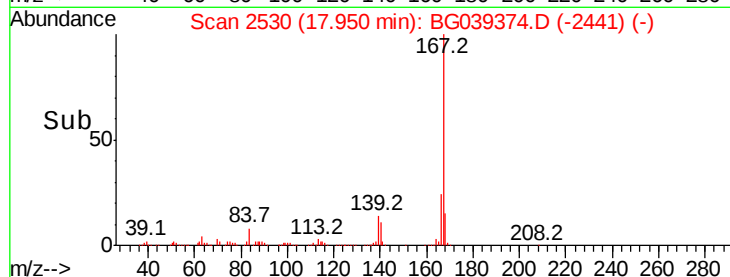
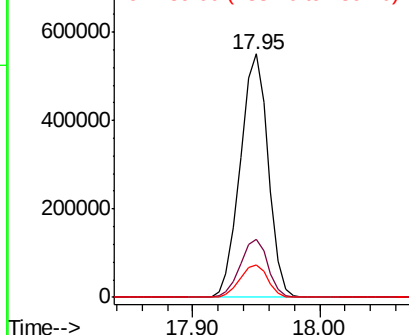
Tot Ion:	167	Resp:	838634
Ion Ratio	Lower	Upper	
167	100		
166	24.0	19.4	29.2
139	13.6	10.8	16.2

Manual Integrations
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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: 45.884 ng

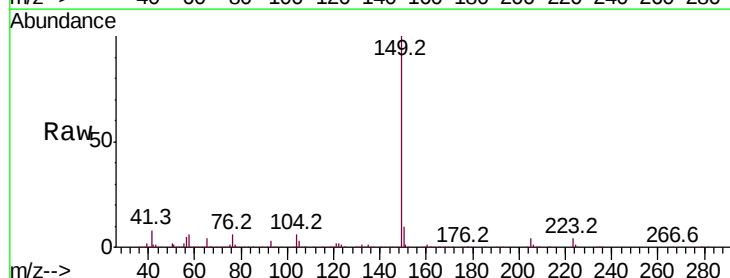
RT: 18.48 min Scan# 2621

Delta R.T. -0.02 min

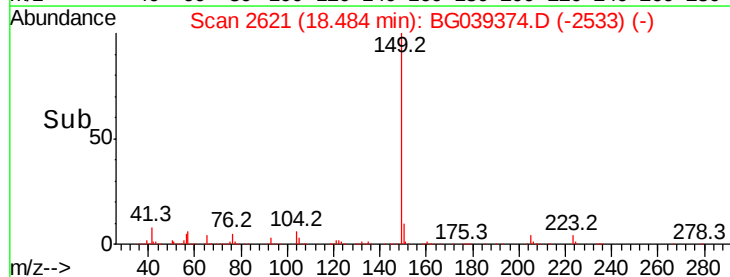
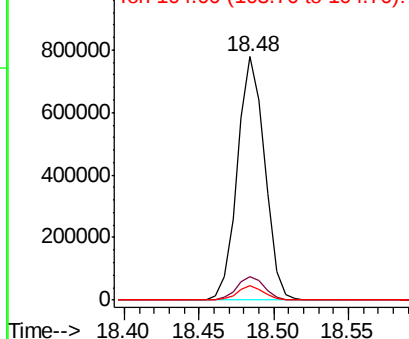
Lab File: BG039374.D

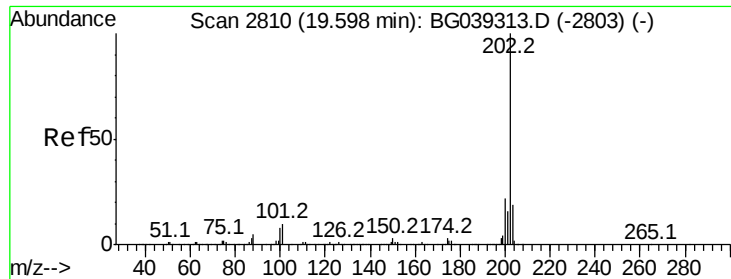
Acq: 6 Feb 2019 17:17

Tgt Ion:	149	Resp:	989620
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.7	11.5
104	5.7	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: 50.222 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

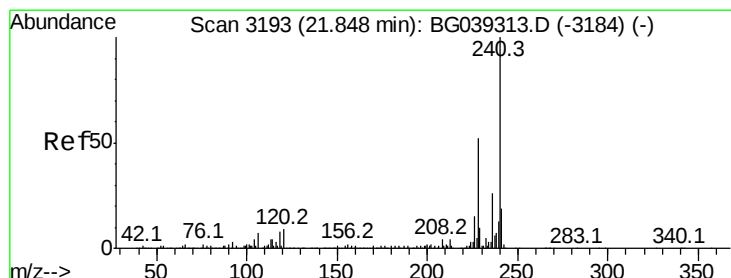
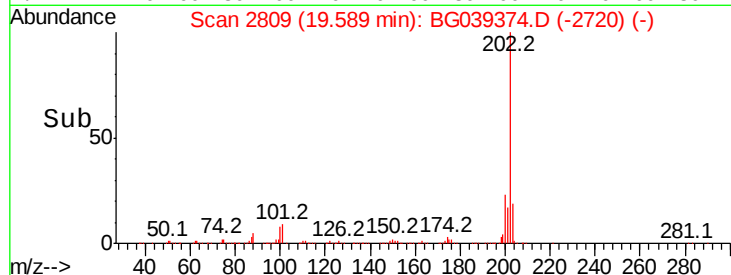
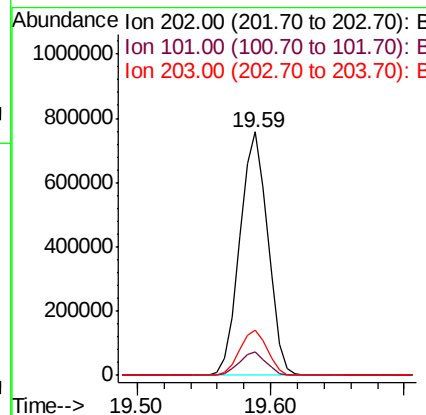
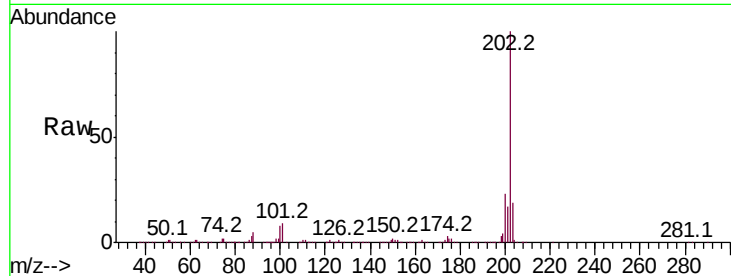
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	202	Resp:	1096287
Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.0
203	18.7	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

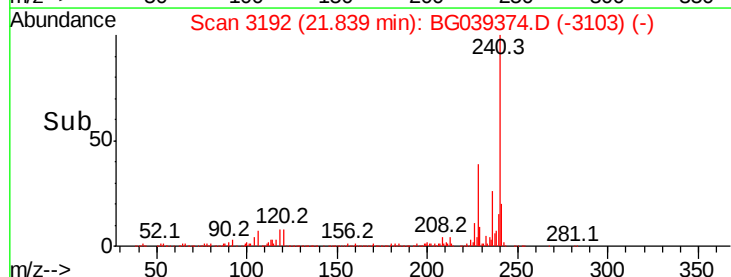
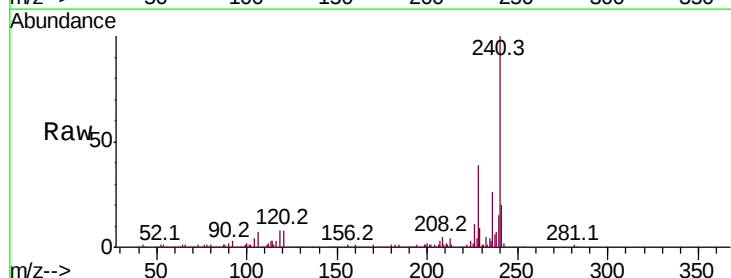
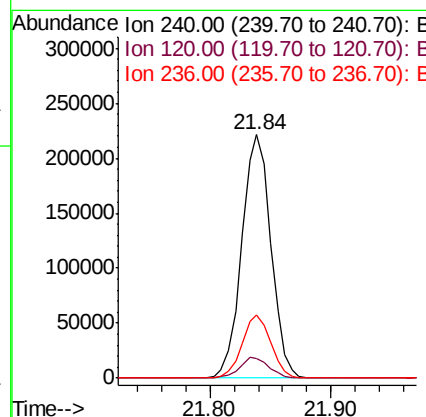
RT: 21.84 min Scan# 3192

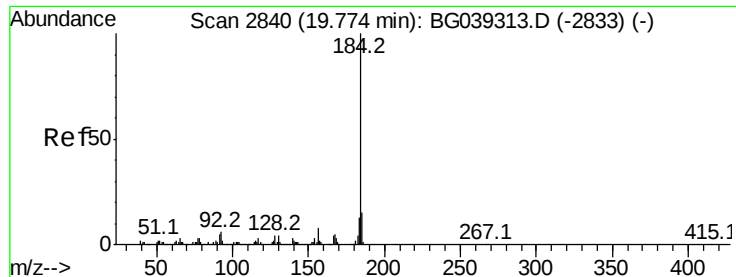
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	240	Resp:	372643
Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.0	21.0	31.4





#77

Benzidine

Concen: 33.980 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

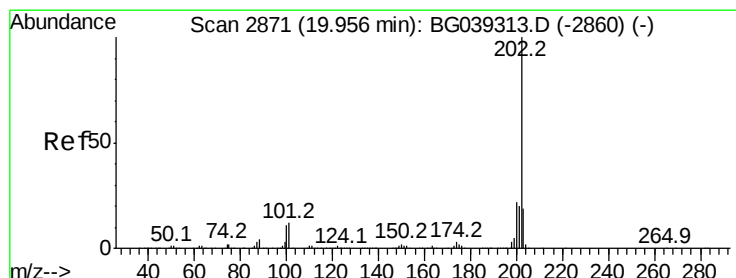
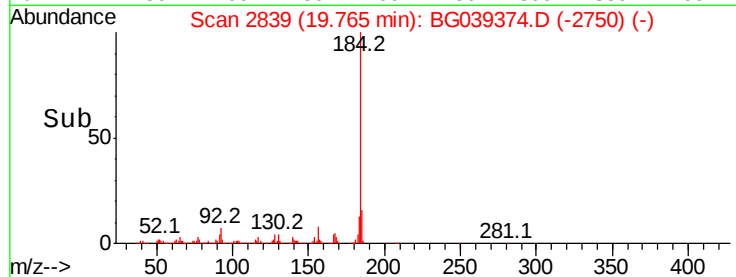
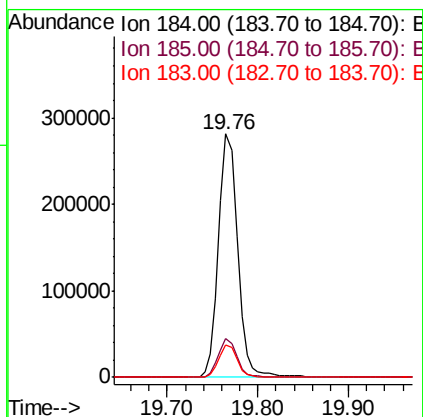
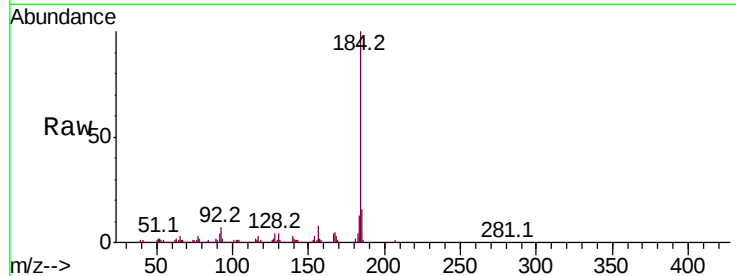
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	184	Resp:	415149
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.2
183	13.1	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 47.253 ng

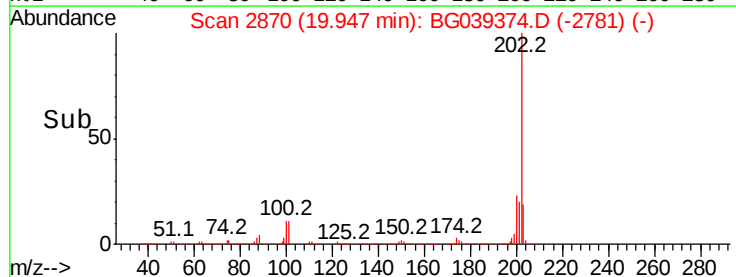
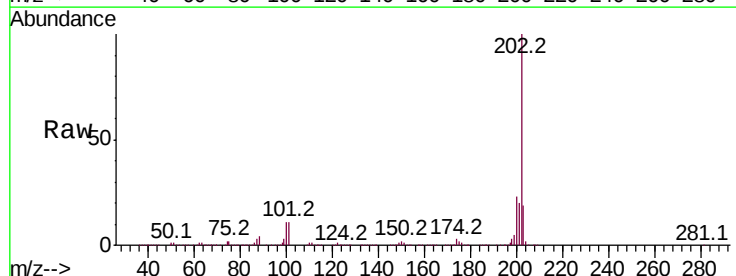
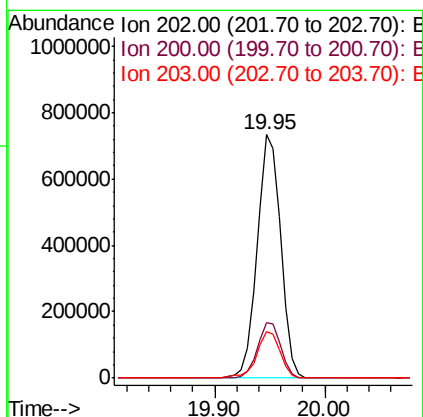
RT: 19.95 min Scan# 2870

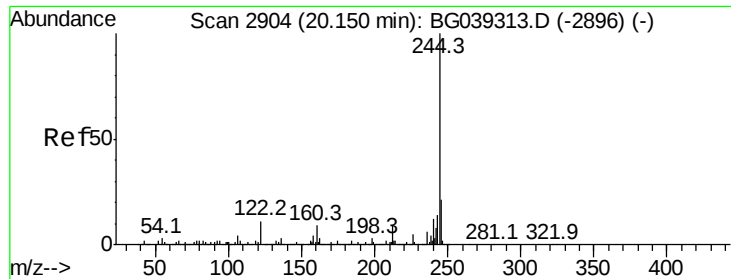
Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	202	Resp:	1096181
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.8
203	18.9	15.3	22.9





#79

Terphenyl-d14

Concen: 84.128 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:244 Resp: 1481067

Ion Ratio Lower Upper

244 100

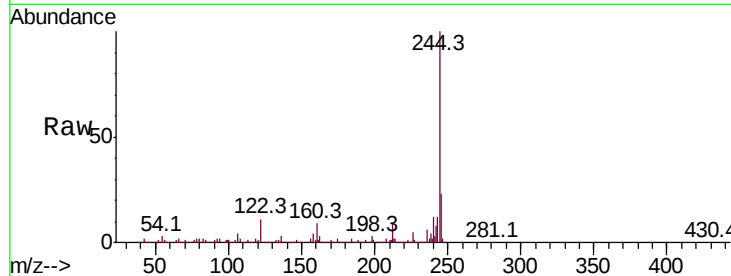
212 9.4 7.3 10.9

122 10.6 8.4 12.6

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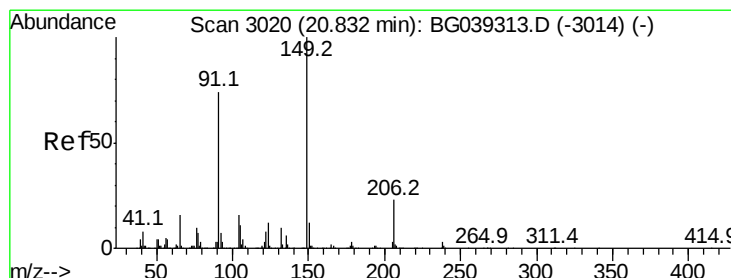
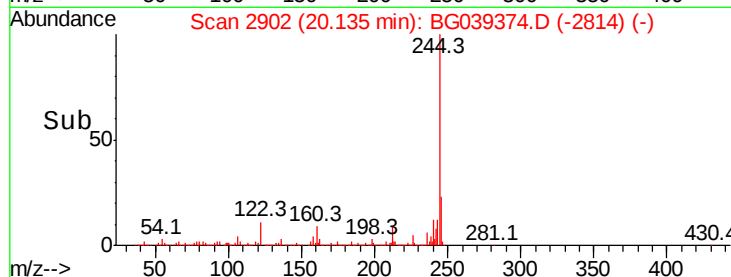
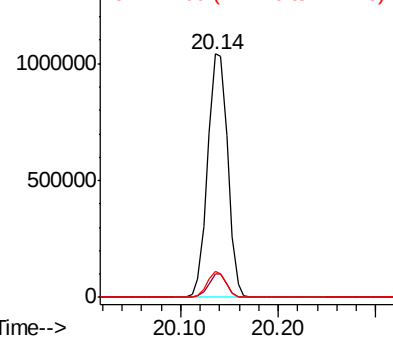
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.479 ng

RT: 20.82 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

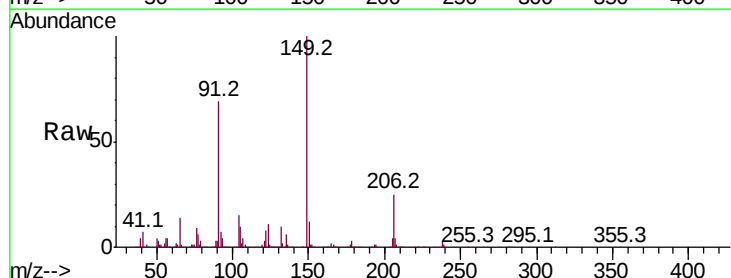
Tgt Ion:149 Resp: 474410

Ion Ratio Lower Upper

149 100

91 68.5 59.5 89.3

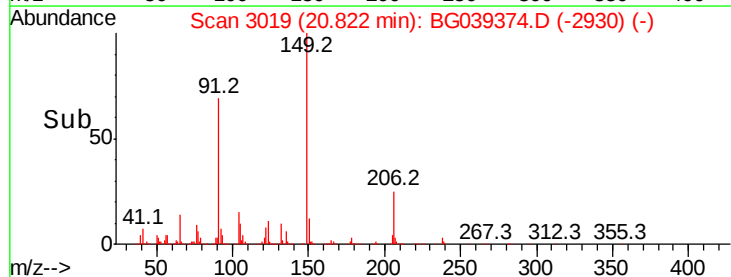
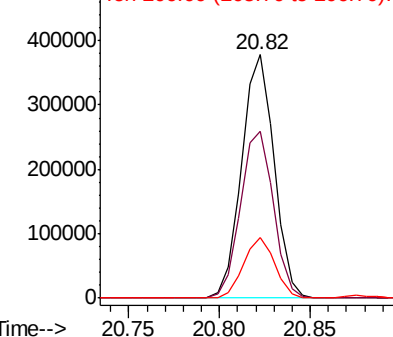
206 25.1 18.6 27.8

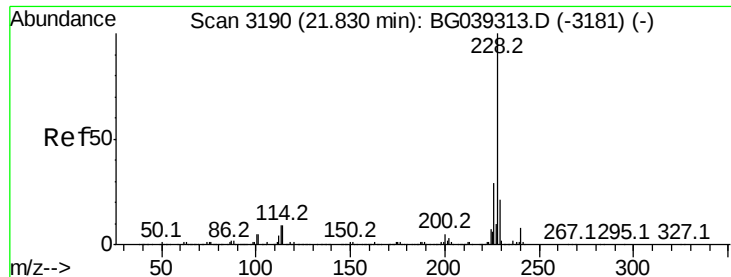


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.074 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

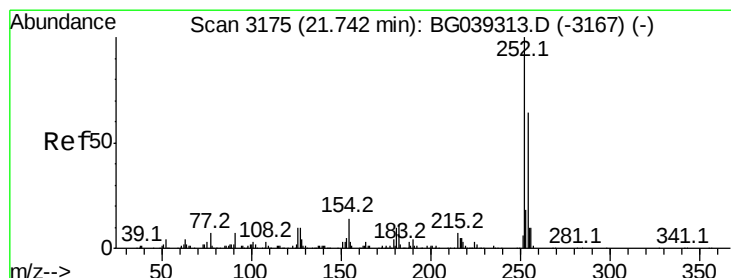
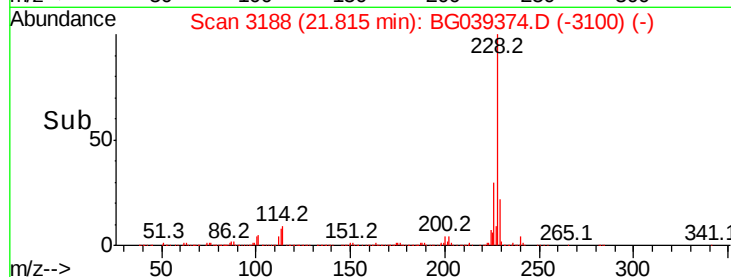
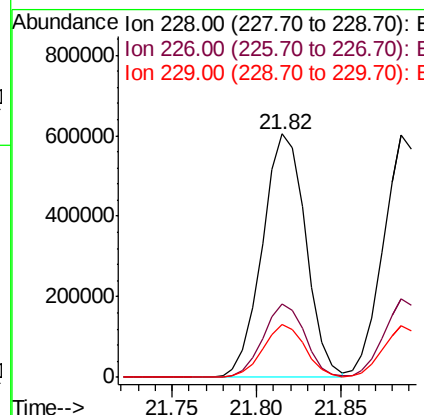
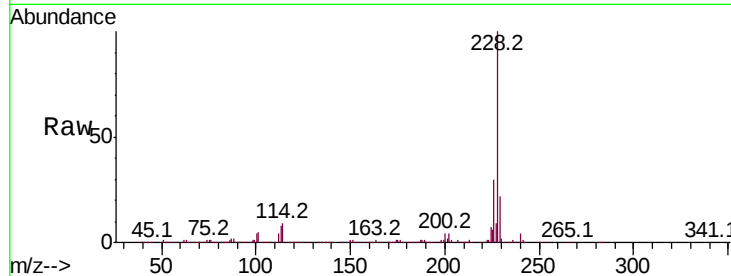
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	228	Resp:	1080573
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.6
229	21.7	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 22.628 ng

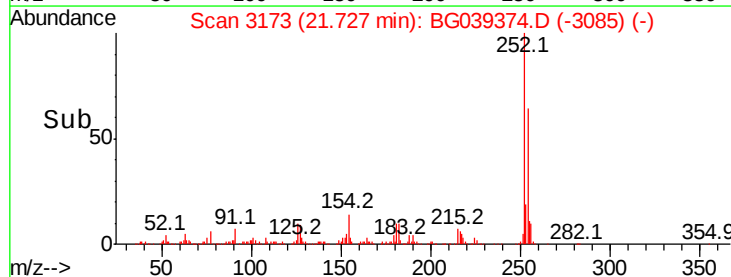
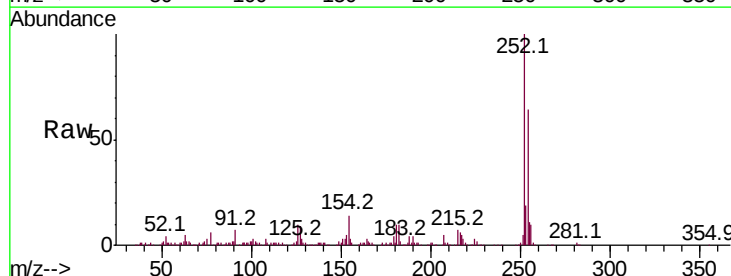
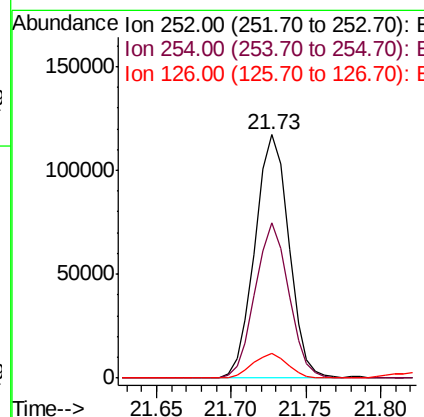
RT: 21.73 min Scan# 3173

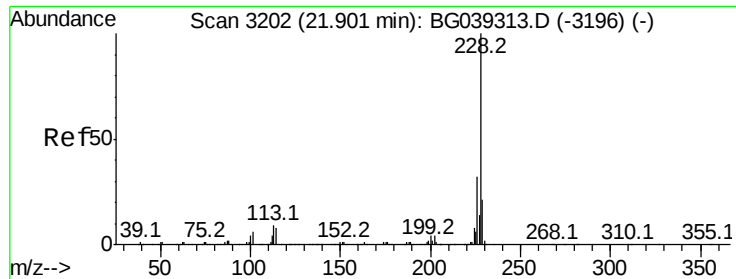
Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	252	Resp:	184746
Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	10.1	8.0	12.0





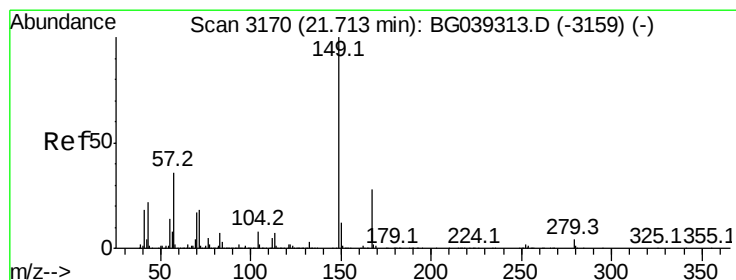
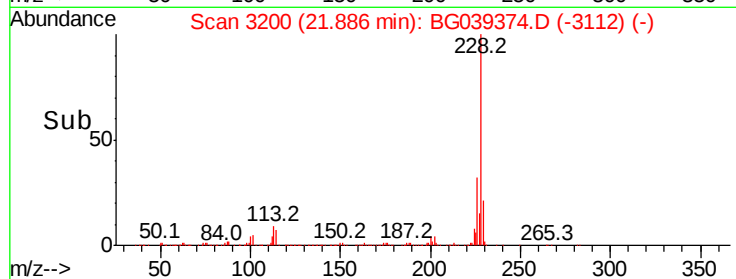
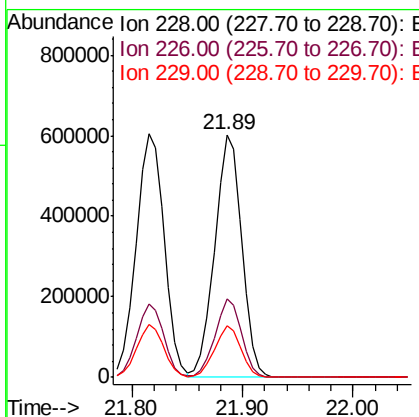
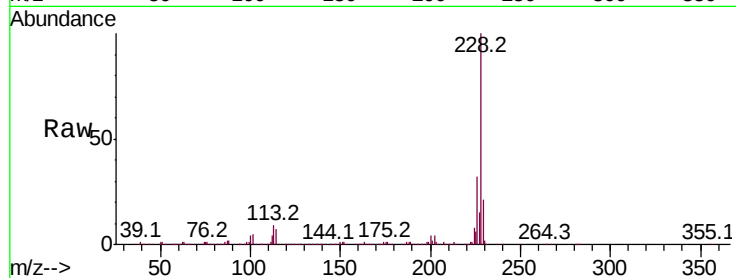
#83
 Chrysene
 Concen: 48.688 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Instrument :
 BNA_G
 ClientSampleId :
 A0C5B-SS2-0.0-0.5MSD

Tot Ion:	228	Resp:	1020540
Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.8	38.6
229	21.0	16.6	25.0

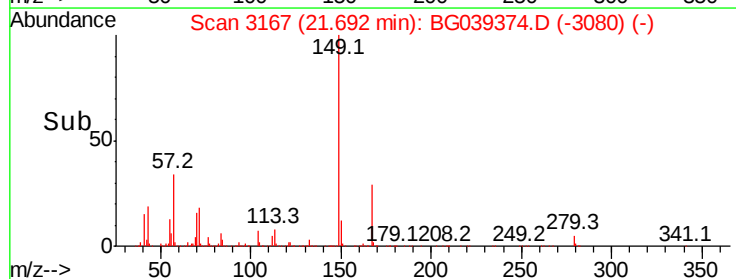
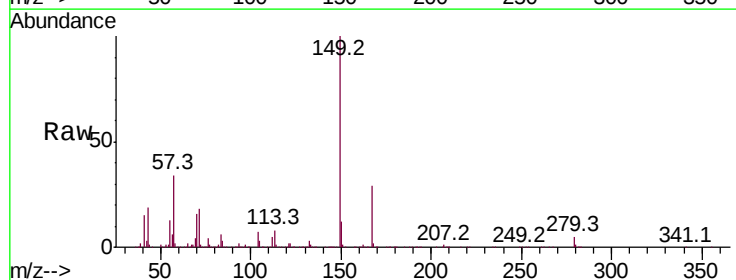
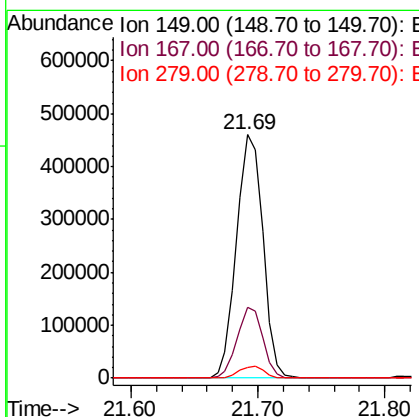
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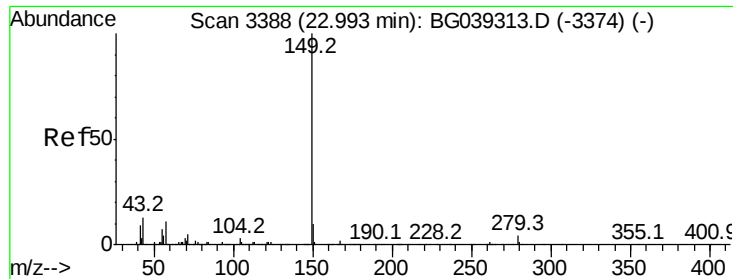
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.347 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039374.D
 Acq: 6 Feb 2019 17:17

Tgt Ion:	149	Resp:	660998
Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	34.0
279	4.6	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 48.978 ng

RT: 22.97 min Scan# 3384

Delta R.T. -0.03 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:149 Resp: 1129660

Ion Ratio Lower Upper

149 100

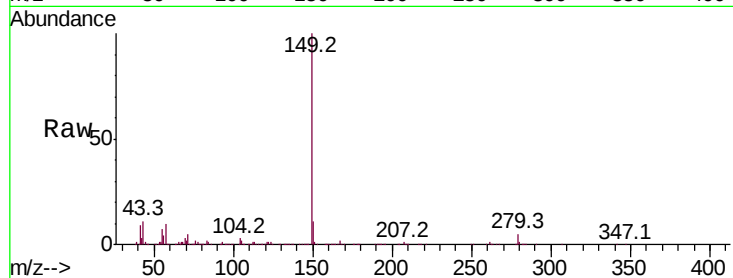
167 1.6 1.3 1.9

43 11.2 10.2 15.4

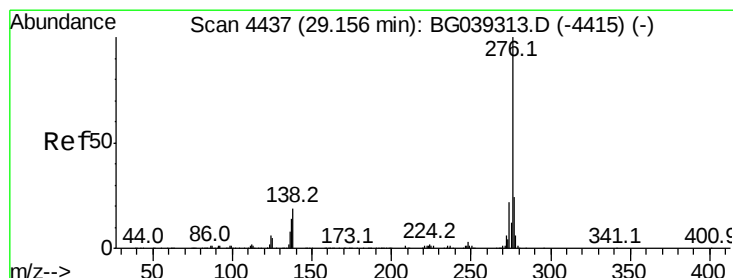
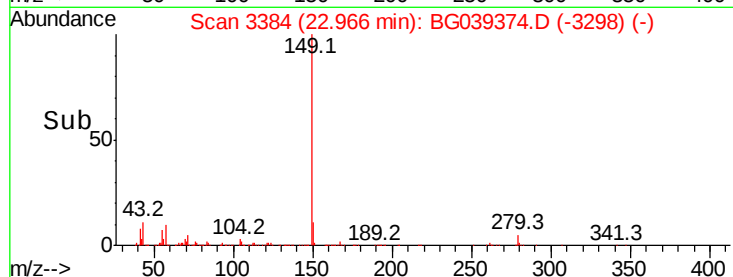
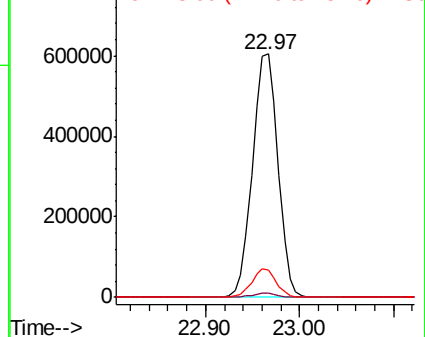
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.168 ng

RT: 29.13 min Scan# 4433

Delta R.T. -0.03 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

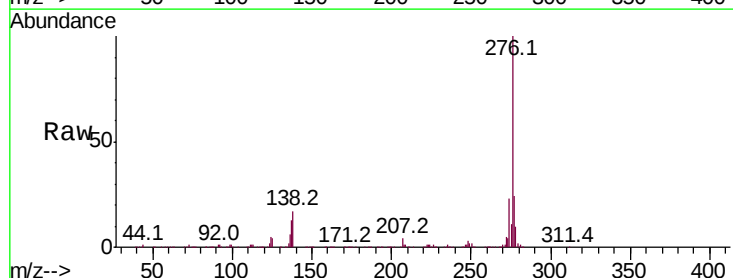
Tgt Ion:276 Resp: 1240691

Ion Ratio Lower Upper

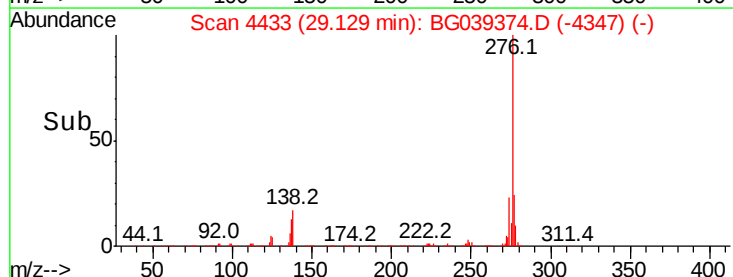
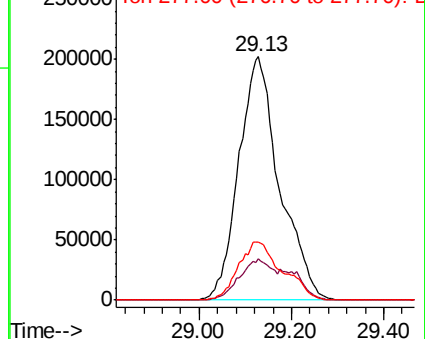
276 100

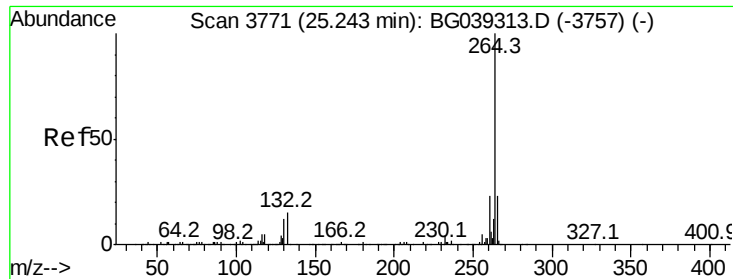
138 13.9 12.6 19.0

277 25.8 20.8 31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

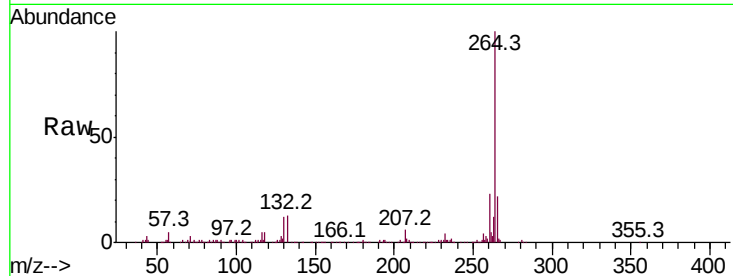
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

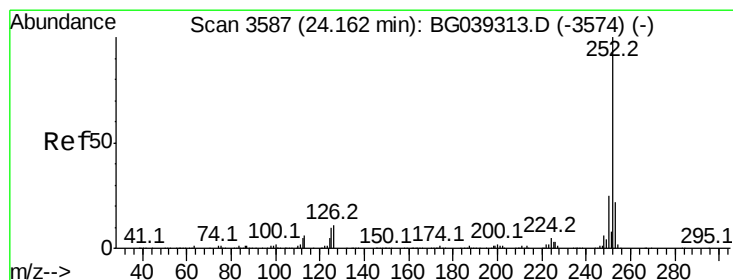
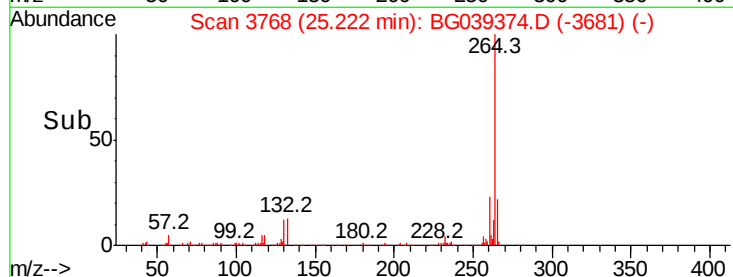
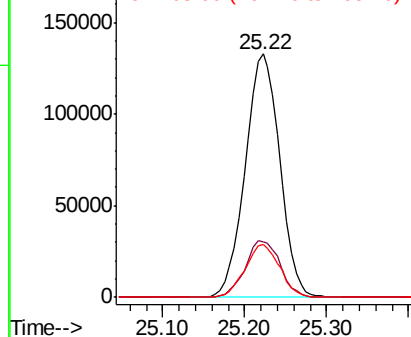
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.7	18.5	27.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.599 ng

RT: 24.14 min Scan# 3584

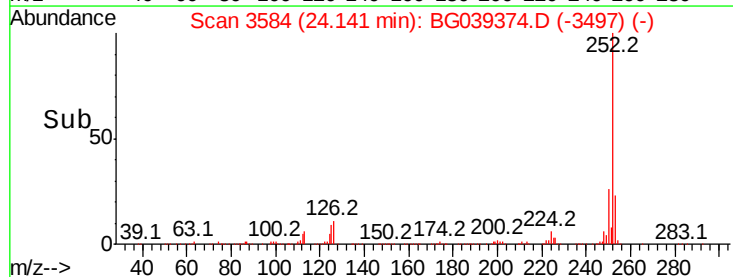
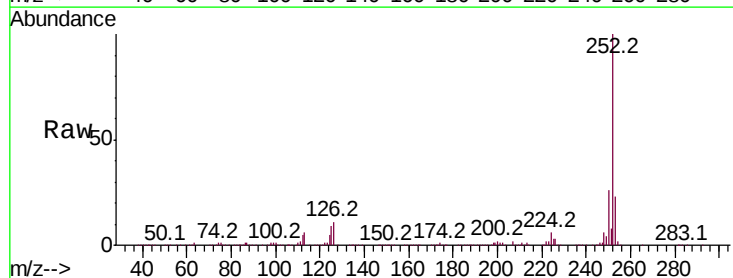
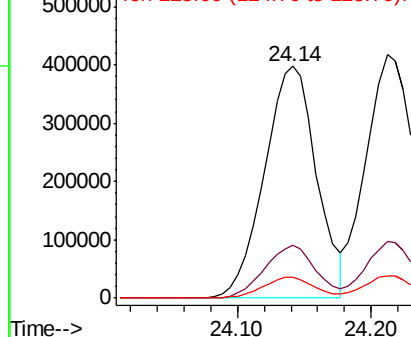
Delta R.T. -0.02 min

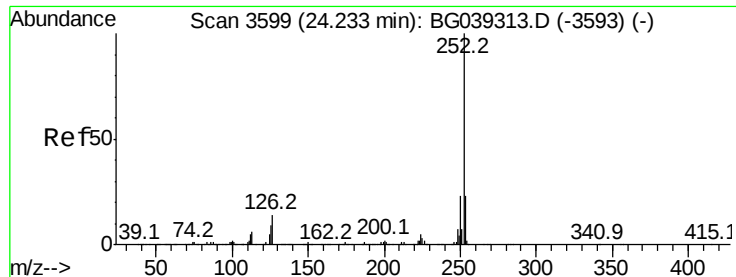
Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.1	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.120 ng

RT: 24.21 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Instrument :

BNA_G

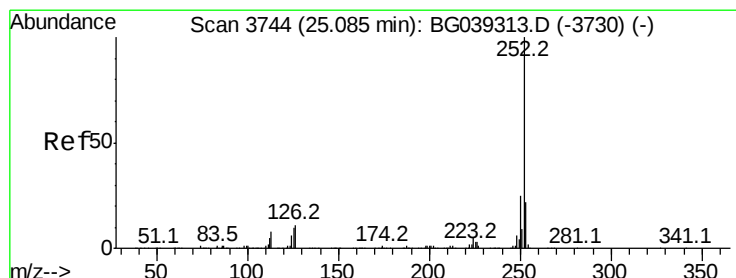
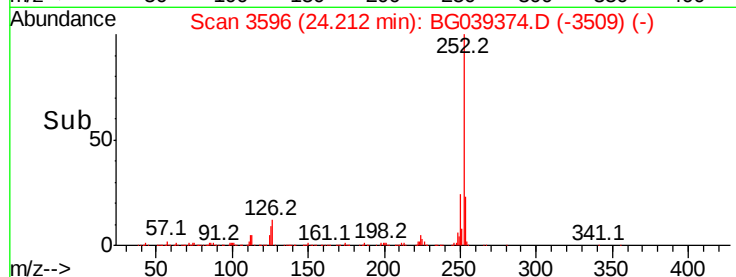
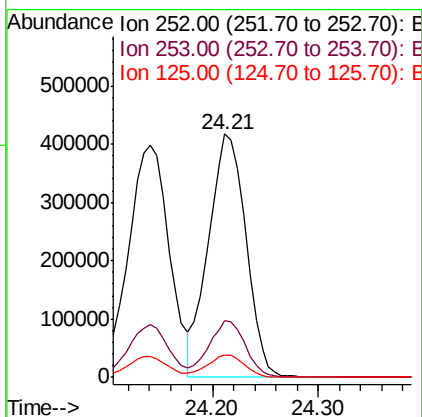
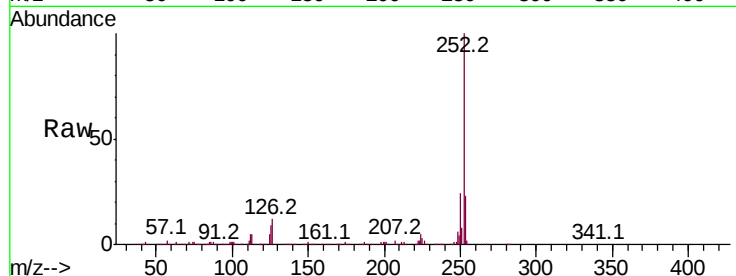
ClientSampleId :

A0C5B-SS2-0.0-0.5MSD

Tot Ion:	252	Resp:	1026443
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.9	7.4	11.2

Manual Integrations
APPROVED

mohammad
2/7/2019 8:41:04 AM



#90

Benzo(a)pyrene

Concen: 51.054 ng

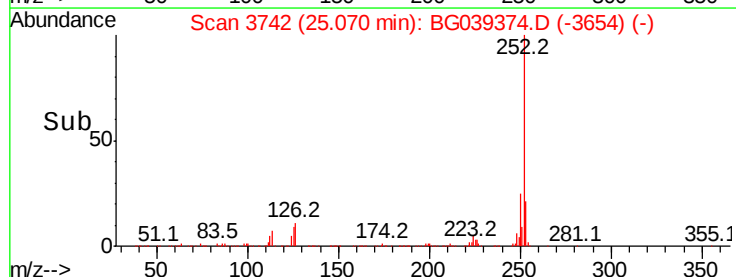
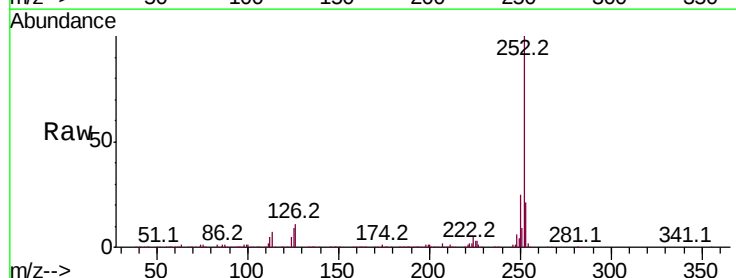
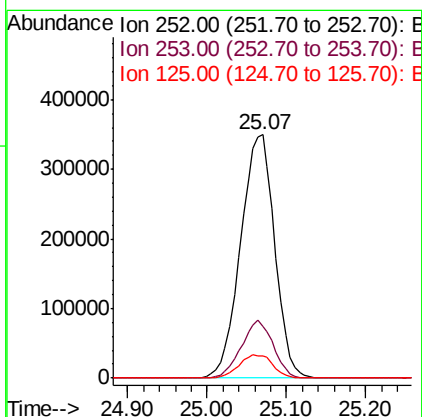
RT: 25.07 min Scan# 3742

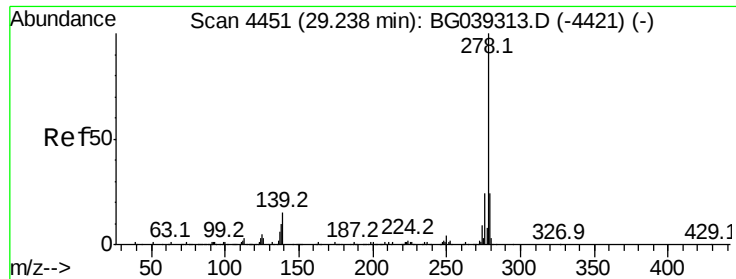
Delta R.T. -0.02 min

Lab File: BG039374.D

Acq: 6 Feb 2019 17:17

Tgt Ion:	252	Resp:	1044648
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.3	8.3	12.5





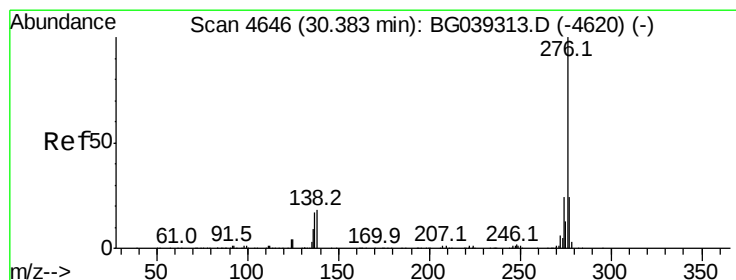
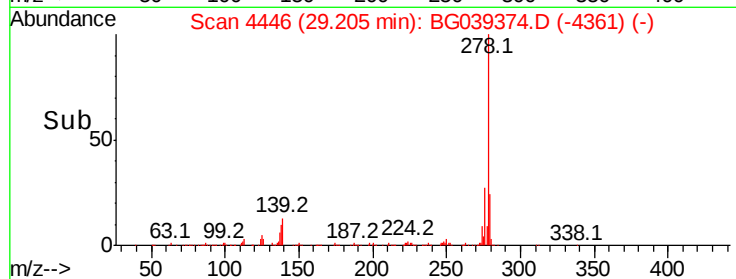
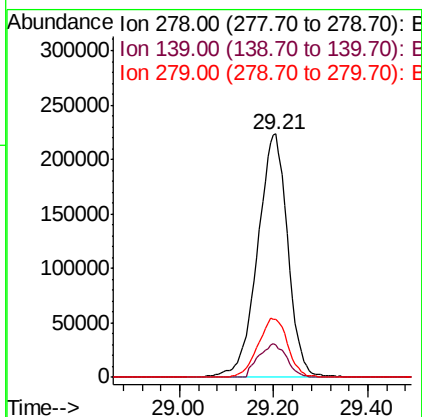
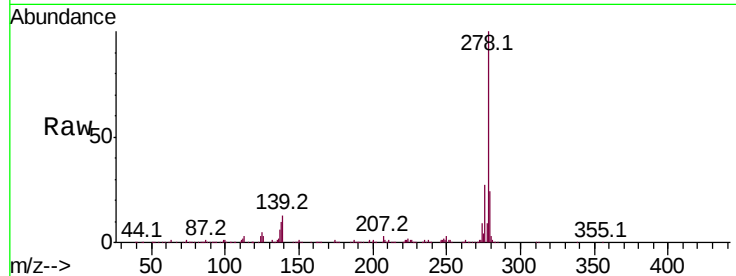
#91
Dibenzo(a,h)anthracene
Concen: 51.974 ng
RT: 29.21 min Scan# 4446
Delta R.T. -0.03 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Instrument :
BNA_G
ClientSampleId :
A0C5B-SS2-0.0-0.5MSD

Tot Ion:	278	Resp:	995942
Ion Ratio	Lower	Upper	
278	100		
139	13.4	11.7	17.5
279	23.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/7/2019 8:41:04 AM



#92
Benzo(g,h,i)perylene
Concen: 53.558 ng
RT: 30.36 min Scan# 4642
Delta R.T. -0.03 min
Lab File: BG039374.D
Acq: 6 Feb 2019 17:17

Tgt Ion:	276	Resp:	1022942
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.6	29.4
138	17.2	14.7	22.1

