

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039612.D
 Acq On : 26 Feb 2019 22:38
 Operator : JU/SJ
 Sample : K1594-31MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MSD

Manual Integrations
 APPROVED

Sohil
 2/27/2019 4:21:50 PM

Quant Time: Feb 27 03:36:17 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	8.17	152	62246	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	265299	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	178681	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	427494	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	419217	20.00	ng	-0.02
87) Perylene-d12	25.21	264	438756	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	496994	136.65	ng	0.00
7) Phenol-d6	7.32	99	727641	135.92	ng	0.00
23) Nitrobenzene-d5	9.34	82	422938	99.59	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	282299	146.72	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	960644	77.13	ng	-0.02
79) Terphenyl-d14	20.12	244	1402364	70.81	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.61	88	56055	35.235 ng	93
3) Pyridine	4.00	79	162601	38.604 ng	98
4) n-Nitrosodimethylamine	3.93	42	88280	41.909 ng	85
6) Aniline	7.49	93	232601	34.688 ng	97
8) 2-Chlorophenol	7.73	128	179945	45.264 ng	98
9) Benzaldehyde	7.31	77	81204	27.748 ng	97
10) Phenol	7.35	94	273079	48.934 ng	96
11) bis(2-Chloroethyl)ether	7.58	93	174123	39.487 ng	96
12) 1,3-Dichlorobenzene	8.06	146	191458	39.755 ng	96
13) 1,4-Dichlorobenzene	8.20	146	193903	40.395 ng	98
14) 1,2-Dichlorobenzene	8.52	146	189699	40.822 ng	96
15) Benzyl Alcohol	8.40	79	175565	41.772 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	339072	34.050 ng	97
17) 2-Methylphenol	8.60	107	161654	44.763 ng	98
18) Hexachloroethane	9.25	117	67949	41.145 ng	92
19) n-Nitroso-di-n-propylamine	8.97	70	145690	38.343 ng	93
20) 3+4-Methylphenols	8.93	107	226921	45.631 ng	98
22) Acetophenone	9.00	105	277825	38.985 ng	# 94
24) Nitrobenzene	9.39	77	213292	46.491 ng	97
25) Isophorone	9.90	82	413408	43.930 ng	97
26) 2-Nitrophenol	10.10	139	108857	57.056 ng	95
27) 2,4-Dimethylphenol	10.14	122	184935	48.579 ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	251456	43.381 ng	99
29) 2,4-Dichlorophenol	10.63	162	202200	48.599 ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	203949	43.661 ng	100
31) Naphthalene	11.04	128	580864	44.134 ng	98
32) Benzoic acid	10.21	122	10053	12.296 ng	90
33) 4-Chloroaniline	11.15	127	171333	28.076 ng	94
34) Hexachlorobutadiene	11.30	225	130792	42.103 ng	90
35) Caprolactam	11.94	113	69715m	40.492 ng	
36) 4-Chloro-3-methylphenol	12.25	107	215855	44.860 ng	98
37) 2-Methylnaphthalene	12.63	142	436708	44.800 ng	98
38) 1-Methylnaphthalene	12.85	142	418556	44.543 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	241680	42.511 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	298125	96.234	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	166403	47.605	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	181795	49.622	nq	98
46) 1,1'-Biphenyl	13.63	154	581660	39.125	nq	98
47) 2-Chloronaphthalene	13.68	162	454785	40.664	nq	97
48) 2-Nitroaniline	13.89	65	158713	49.159	nq	92
49) Acenaphthylene	14.52	152	722928	42.839	nq	100
50) Dimethylphthalate	14.24	163	660658	45.781	nq	100
51) 2,6-Dinitrotoluene	14.37	165	136605	50.287	nq	92
52) Acenaphthene	14.85	154	442253	40.373	nq	99
53) 3-Nitroaniline	14.70	138	107206	38.185	nq	# 97
54) 2,4-Dinitrophenol	14.91	184	103810	84.619	nq	93
55) Dibenzofuran	15.19	168	721876	41.101	nq	99
56) 4-Nitrophenol	15.00	139	240394	91.253	nq	90
57) 2,4-Dinitrotoluene	15.15	165	190564	53.992	nq	# 88
58) Fluorene	15.84	166	573449	43.799	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	184980	53.926	nq	95
60) Diethylphthalate	15.59	149	608868	40.807	nq	96
61) 4-Chlorophenyl-phenylether	15.82	204	299607	40.414	nq	97
62) 4-Nitroaniline	15.87	138	148675	49.031	nq	92
63) Azobenzene	16.12	77	546504	37.474	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	109086	59.253	nq	94
66) n-Nitrosodiphenylamine	16.04	169	529548	40.739	nq	97
67) 4-Bromophenyl-phenylether	16.72	248	200376	42.251	nq	94
68) Hexachlorobenzene	16.83	284	209403	44.009	nq	95
69) Atrazine	16.98	200	194884	41.026	nq	95
70) Pentachlorophenol	17.18	266	276337	83.560	nq	98
71) Phenanthrene	17.58	178	946048	42.758	nq	98
72) Anthracene	17.67	178	964815	44.270	nq	98
73) Carbazole	17.94	167	856309	39.370	nq	97
74) Di-n-butylphthalate	18.47	149	1025237	40.404	nq	99
75) Fluoranthene	19.58	202	1122227	43.698	nq	99
77) Benzidine	19.76	184	609766	44.365	nq	99
78) Pyrene	19.94	202	1119874	42.911	nq	99
80) Butylbenzylphthalate	20.81	149	481950	43.778	nq	97
81) Benzo(a)anthracene	21.80	228	1091603	44.067	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	288291	31.387	nq	100
83) Chrysene	21.87	228	1027148	43.559	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	663836	42.267	nq	99
85) Di-n-octyl phthalate	22.93	149	1139240	43.906	nq	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1252718	49.514	nq	# 95
88) Benzo(b)fluoranthene	24.12	252	1072666	44.829	nq	98
89) Benzo(k)fluoranthene	24.19	252	1052179	43.799	nq	99
90) Benzo(a)pyrene	25.04	252	1054785	45.772	nq	100
91) Dibenzo(a,h)anthracene	29.15	278	1004294	46.536	nq	99
92) Benzo(g,h,i)perylene	30.31	276	1033695	48.056	nq	96

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



#1

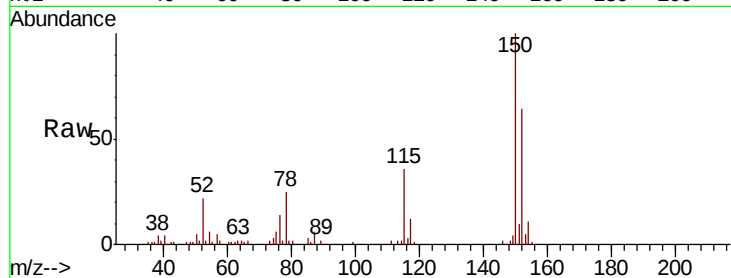
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.7	185.5
115	56.8	45.9	68.9

Manual Integrations
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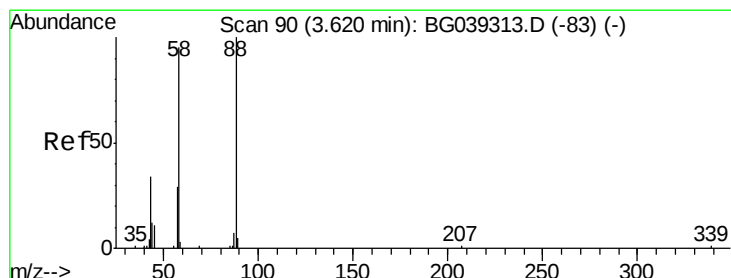
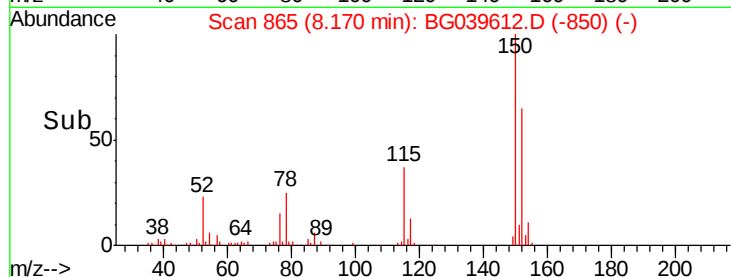
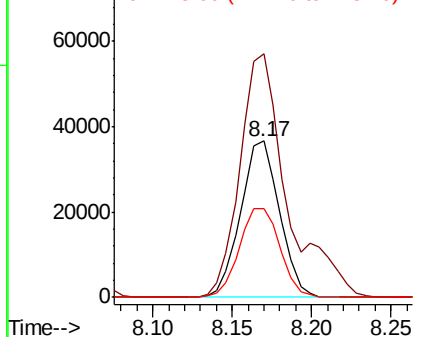


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

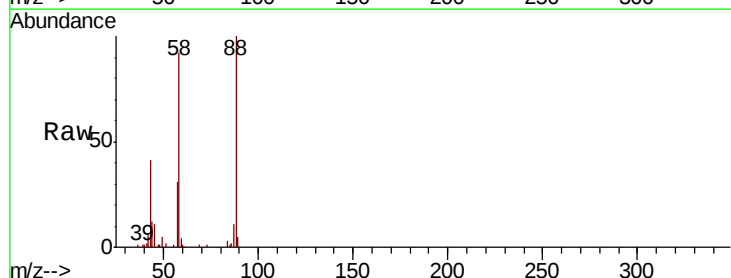
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.235 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.6	81.1	121.7
43	35.3	31.4	47.0

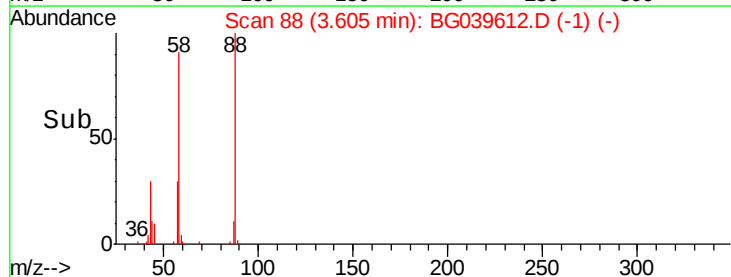
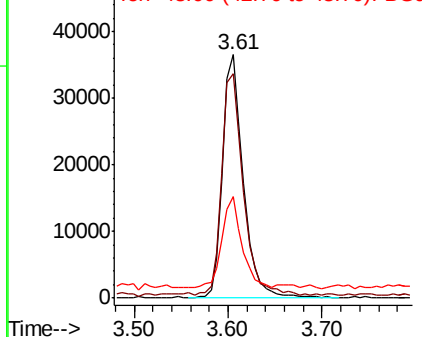


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.604 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

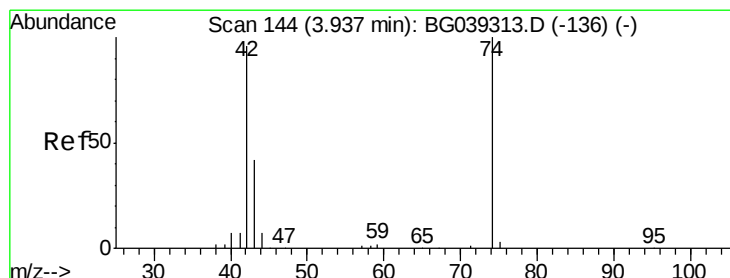
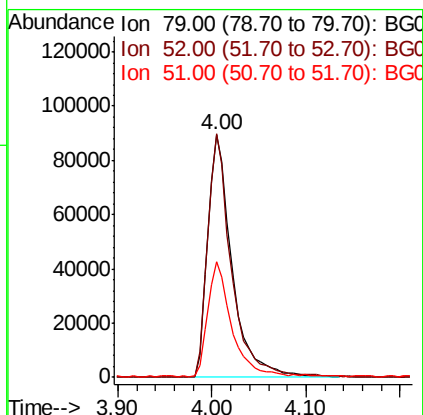
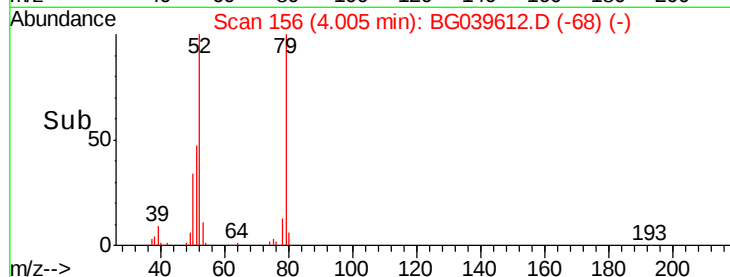
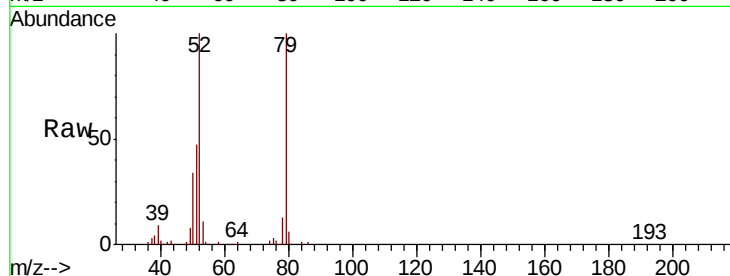
ClientSampleId :

B-4B(14-15)MSD

Tot Ion:	79	Resp:	162601
Ion Ratio	Lower	Upper	
79	100		
52	100.3	82.6	124.0
51	47.5	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 41.909 ng

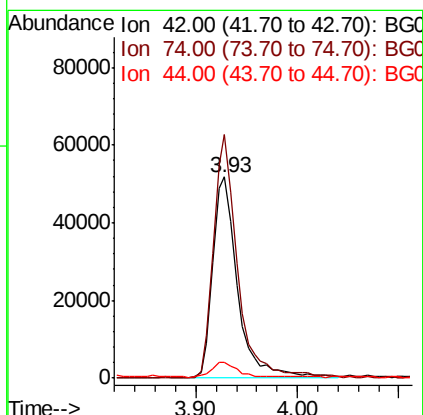
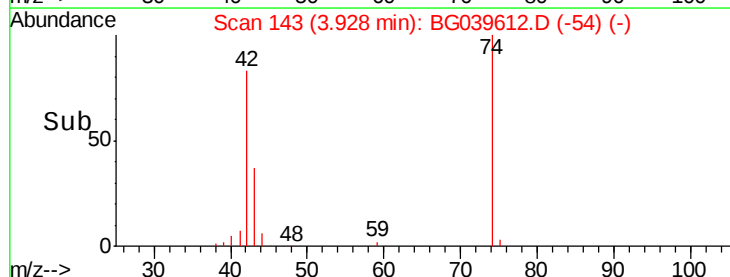
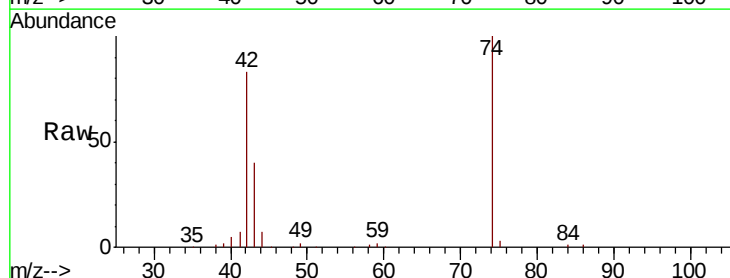
RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	42	Resp:	88280
Ion Ratio	Lower	Upper	
42	100		
74	121.1	83.6	125.4
44	8.1	6.9	10.3





#5

2-Fluorophenol

Concen: 136.653 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

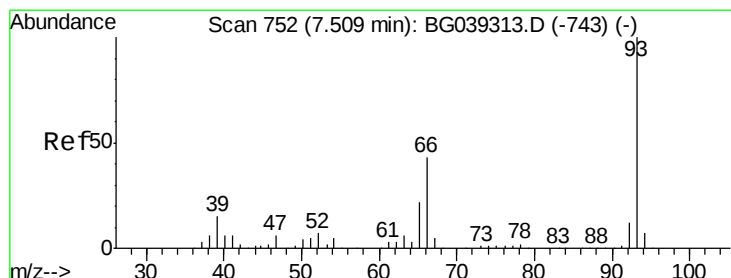
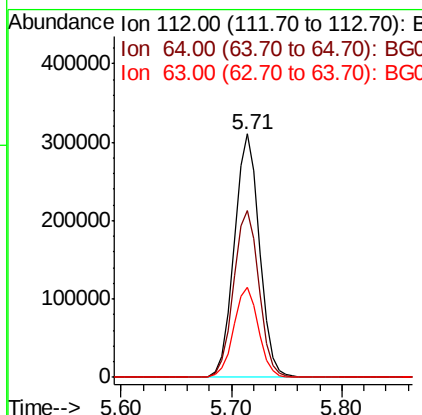
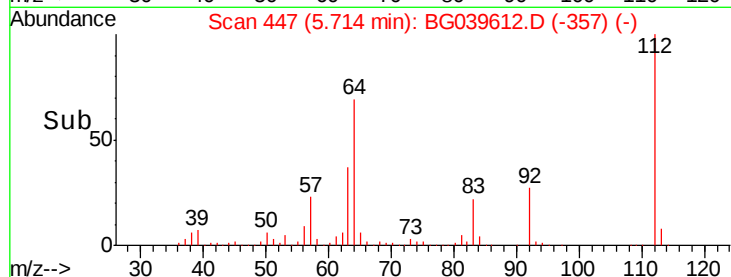
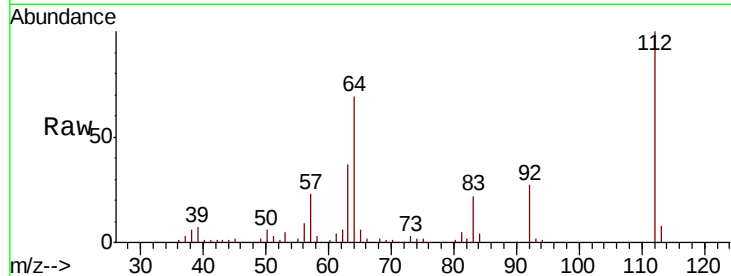
ClientSampleId :

B-4B(14-15)MSD

Tot Ion:	112	Resp:	496994
Ion Ratio	Lower	Upper	
112	100		
64	68.6	57.8	86.8
63	36.7	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 34.688 ng

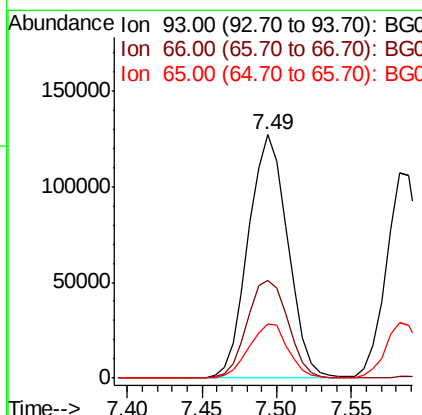
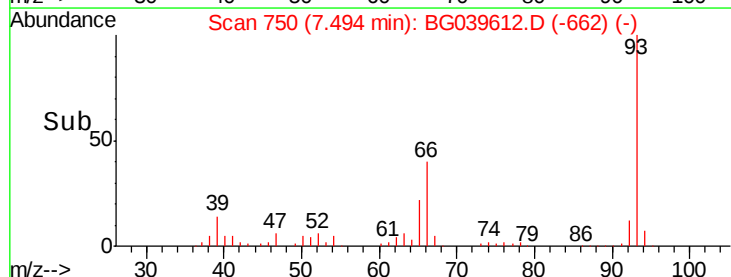
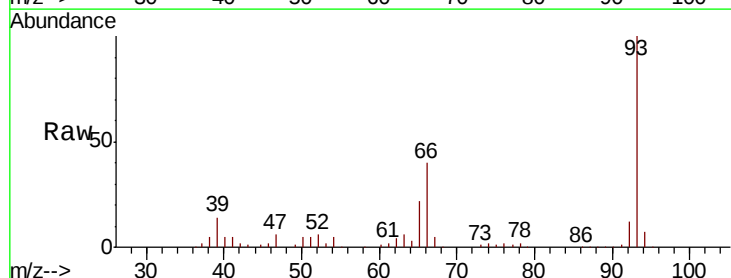
RT: 7.49 min Scan# 750

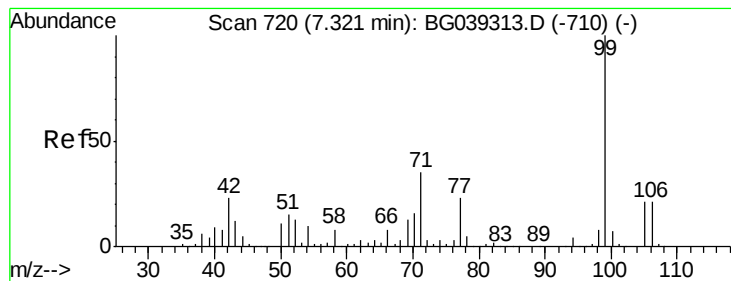
Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	93	Resp:	232601
Ion Ratio	Lower	Upper	
93	100		
66	40.3	34.2	51.4
65	22.1	17.7	26.5





#7

Phenol-d6

Concen: 135.921 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

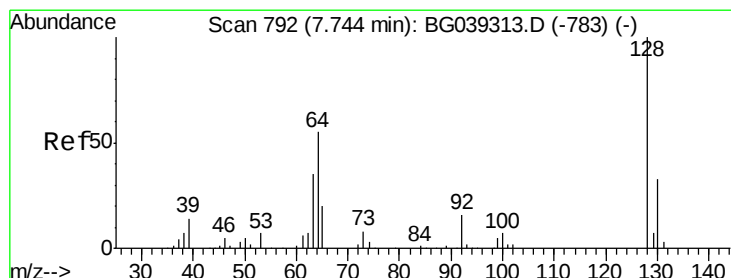
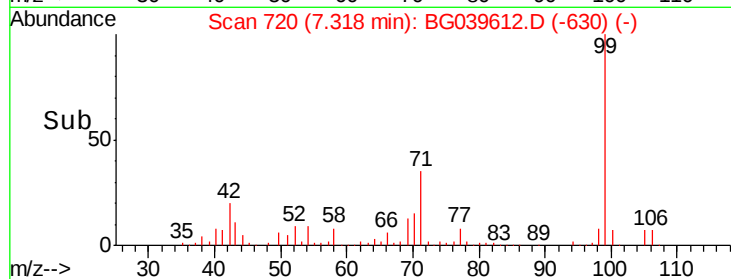
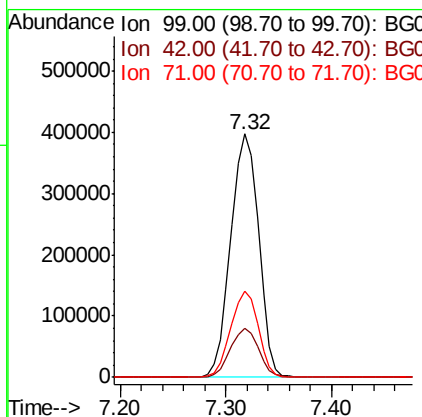
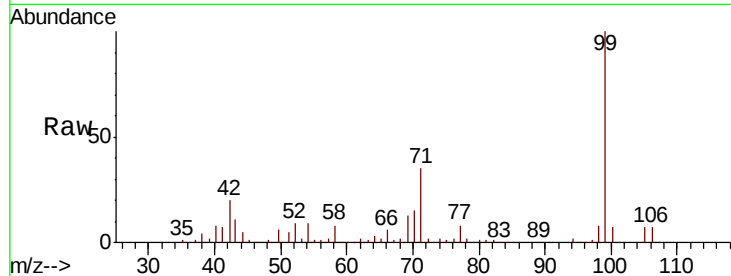
ClientSampled :

B-4B(14-15)MSD

Tot Ion:	99	Resp:	727641
Ion Ratio	Lower	Upper	
99	100		
42	19.9	18.2	27.2
71	35.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 45.264 ng

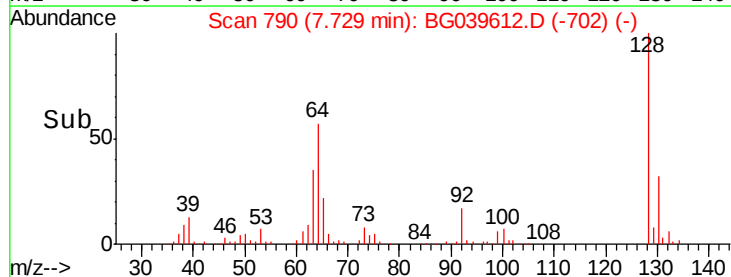
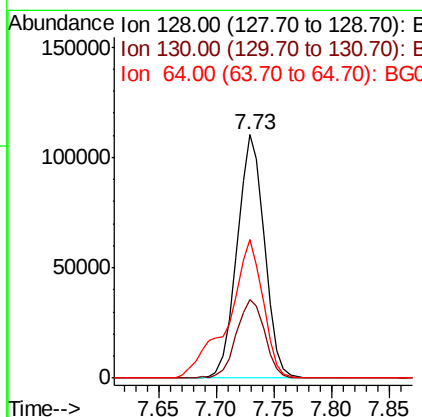
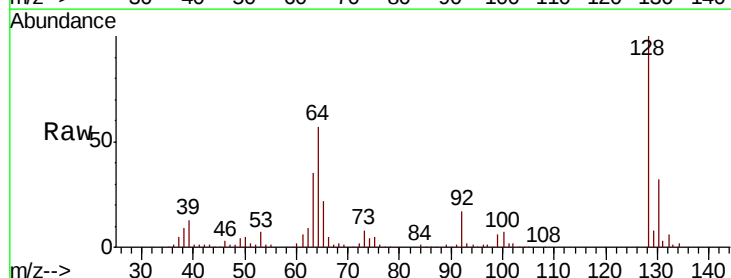
RT: 7.73 min Scan# 790

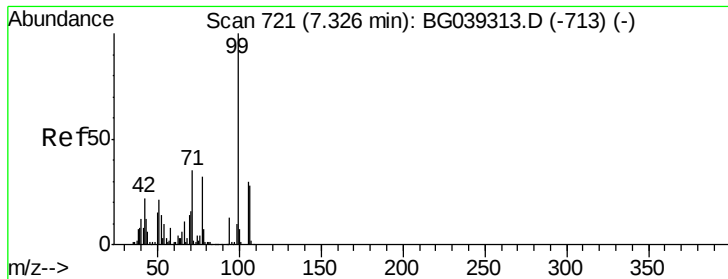
Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	128	Resp:	179945
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	56.8	38.7	78.7





#9

Benzaldehyde

Concen: 27.748 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

ClientSampleId :

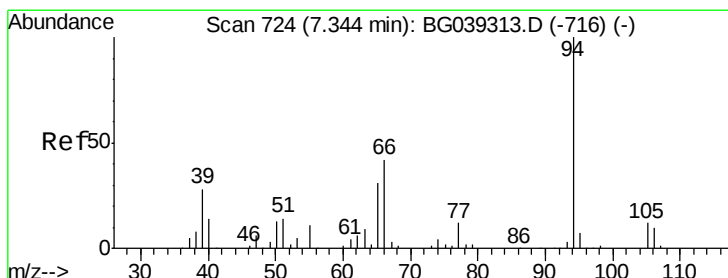
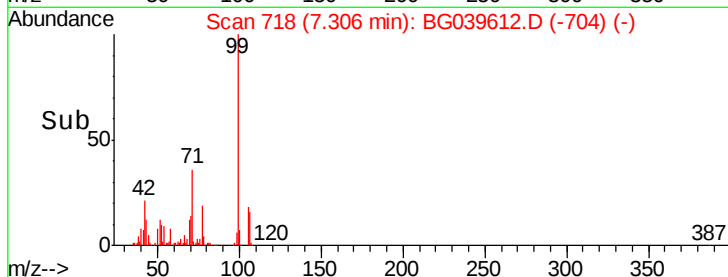
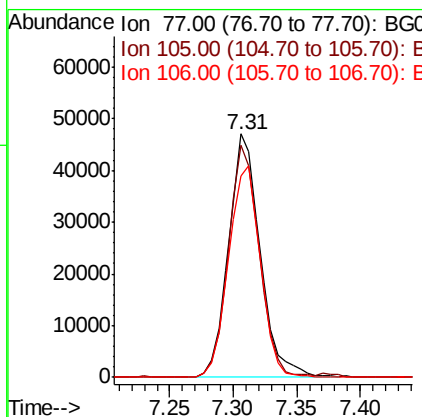
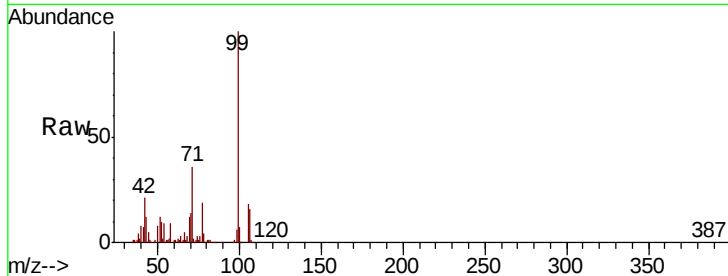
B-4B(14-15)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	95.1	74.5	114.5	
106	82.7	68.0	108.0	

Manual Integrations
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#10

Phenol

Concen: 48.934 ng

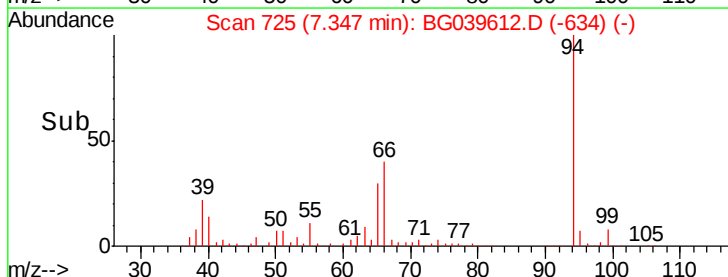
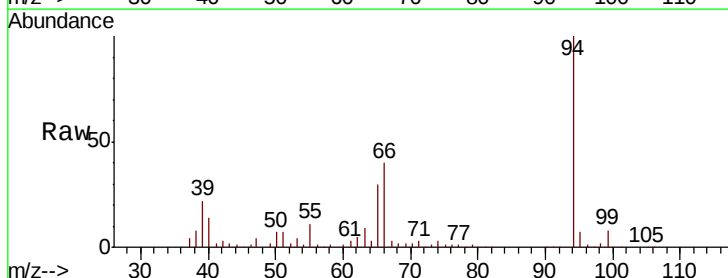
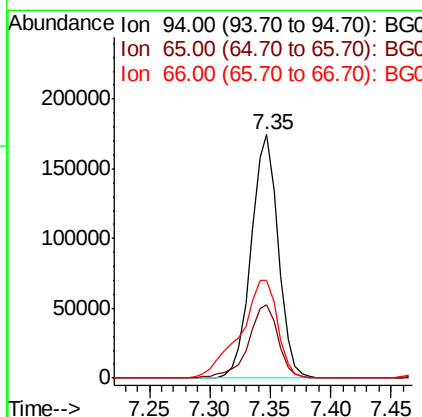
RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

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Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	30.4	11.7	51.7	
66	39.9	23.7	63.7	





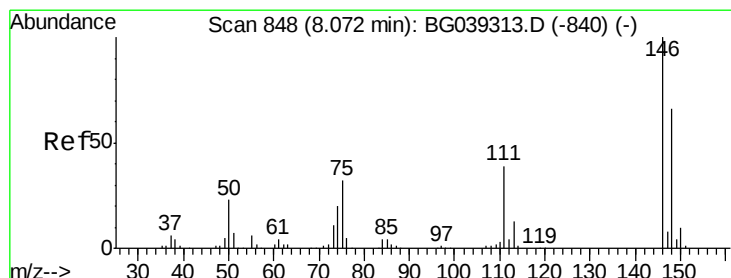
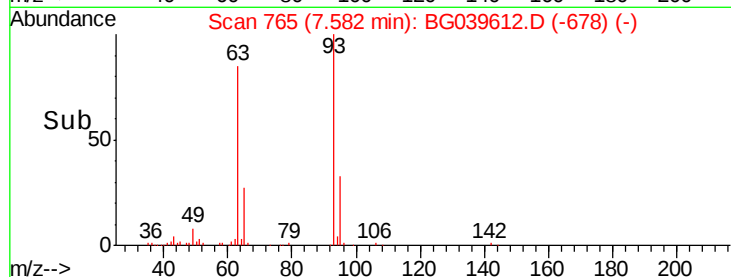
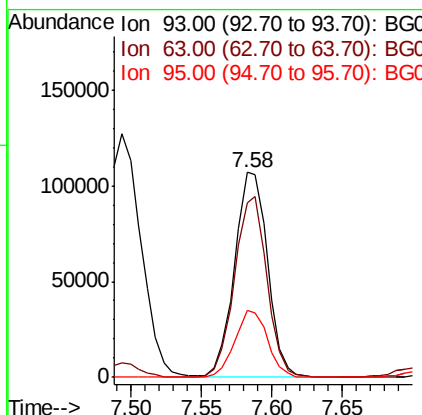
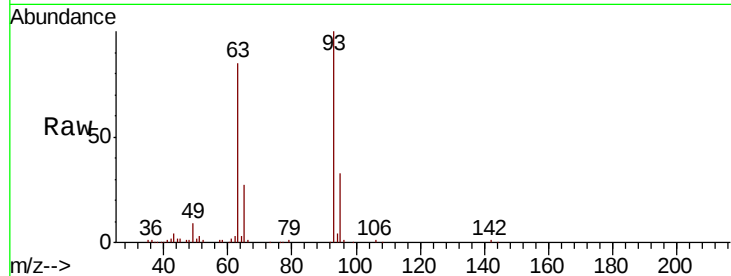
#11
bis(2-Chloroethyl)ether
Concen: 39.487 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.0	69.5	109.5
95	32.9	12.7	52.7

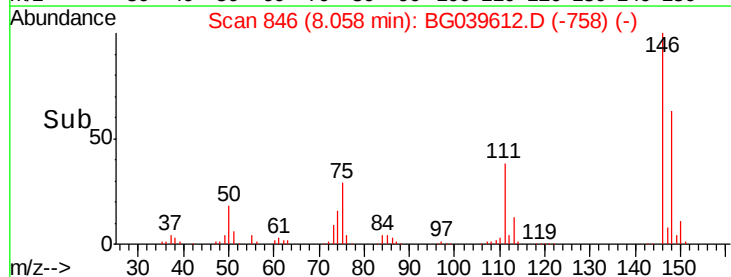
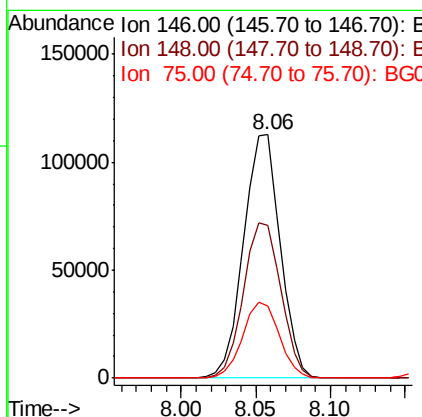
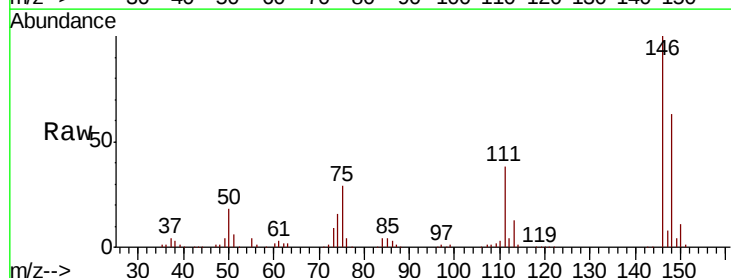
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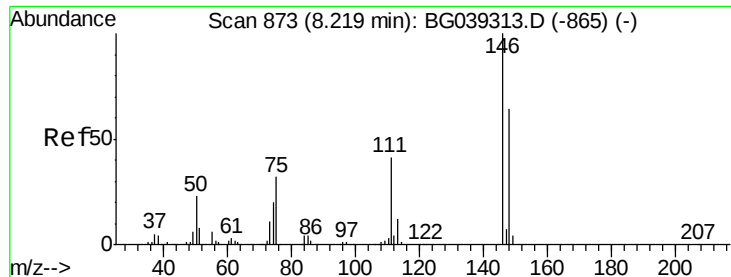
Sohil
2/27/2019 4:21:50 PM



#12
1,3-Dichlorobenzene
Concen: 39.755 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.6	79.0
75	29.5	25.8	38.6





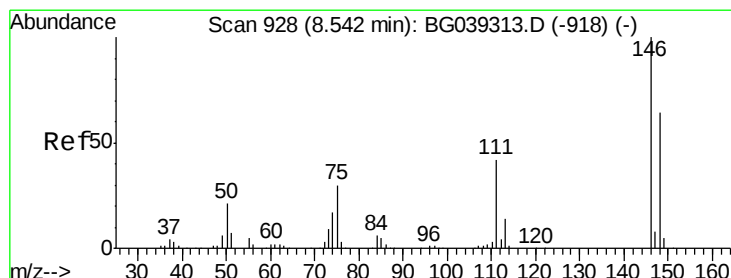
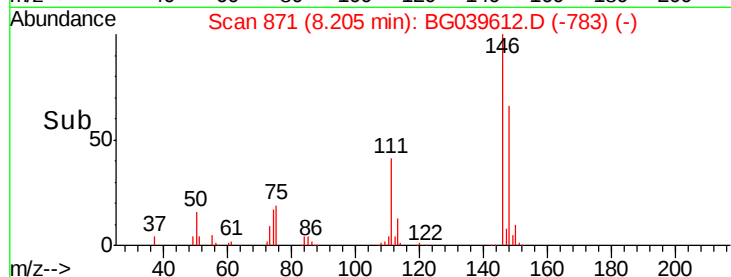
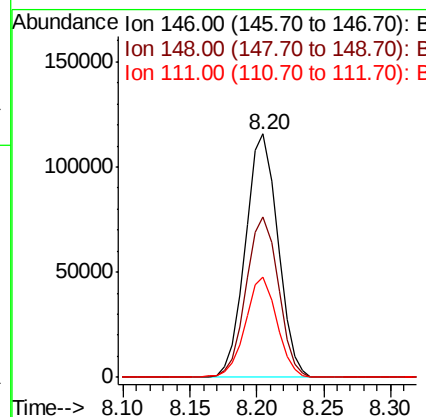
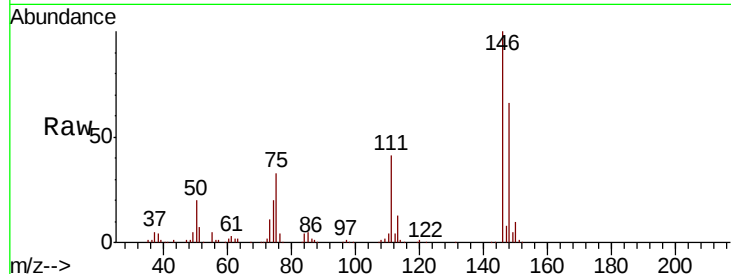
#13
 1,4-Dichlorobenzene
 Concen: 40.395 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.1	76.7
111	41.0	32.6	48.8

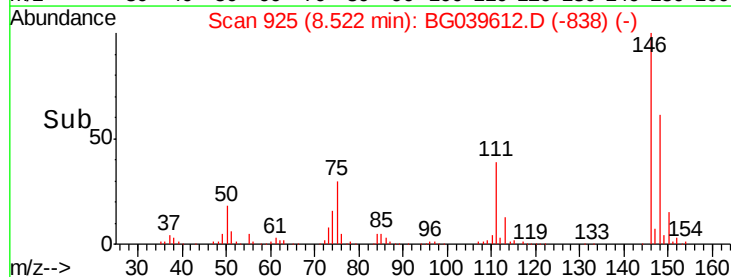
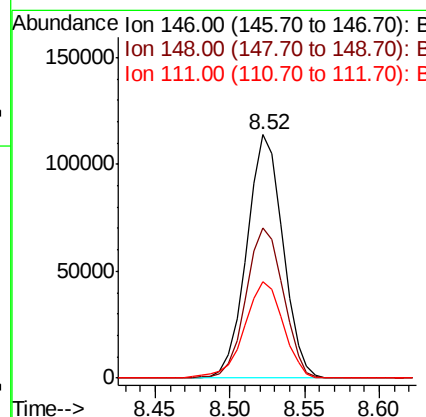
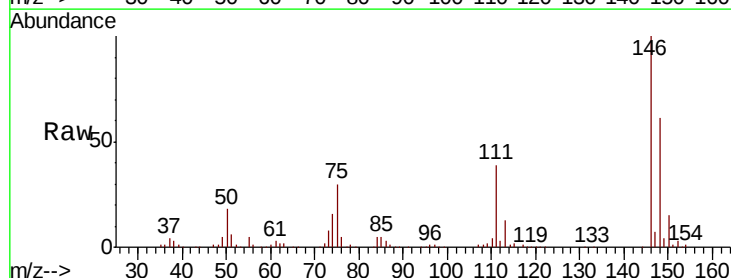
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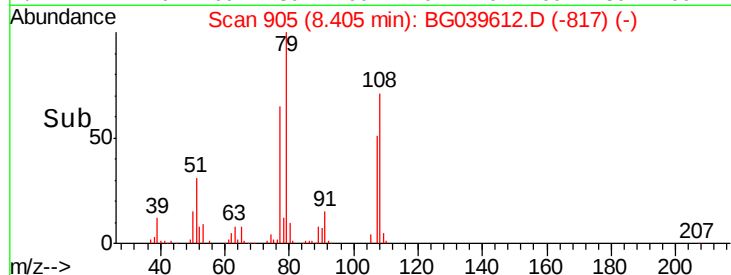
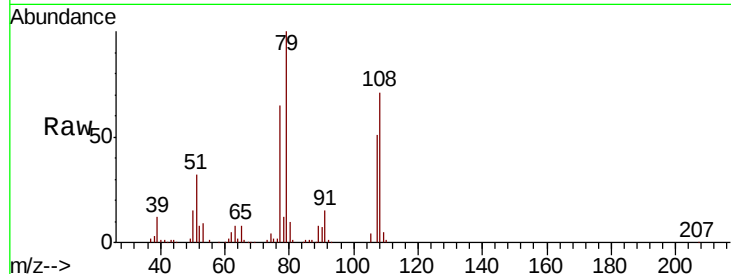
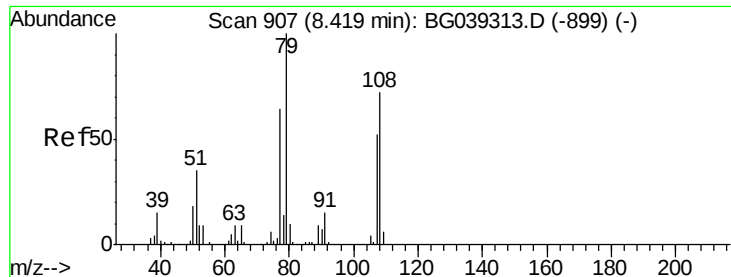
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#14
 1,2-Dichlorobenzene
 Concen: 40.822 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.5	77.3
111	39.5	33.8	50.6





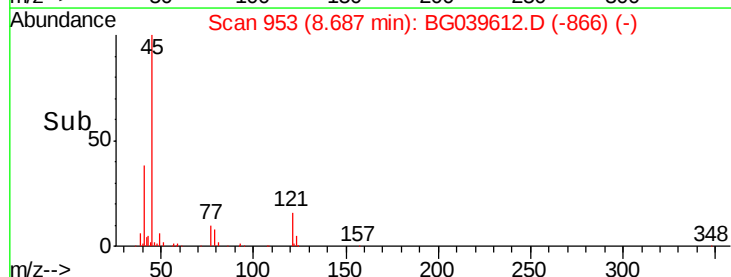
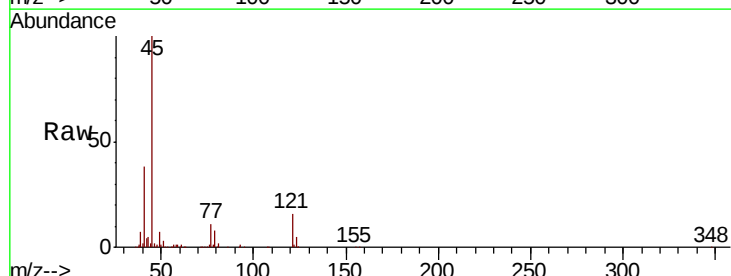
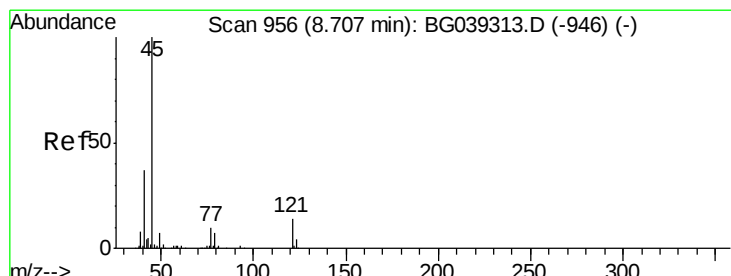
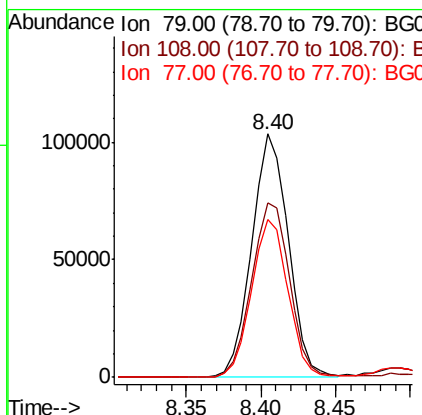
#15
Benzyl Alcohol
Concen: 41.772 ng
RT: 8.40 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	71.4	57.8	86.6	
77	64.7	51.1	76.7	

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

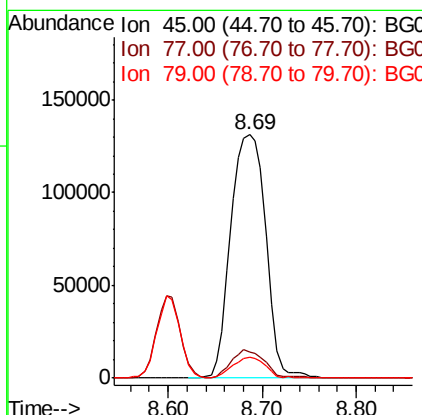
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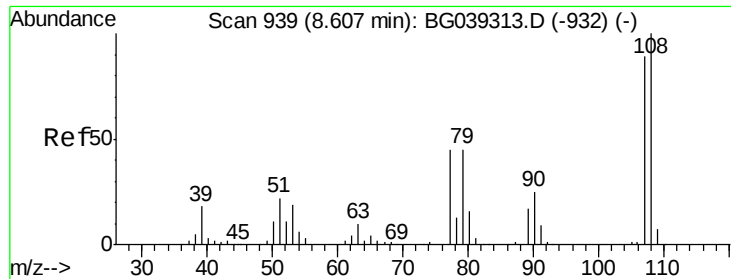
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.050 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	10.9	0.0	30.0	
79	8.4	0.0	27.5	





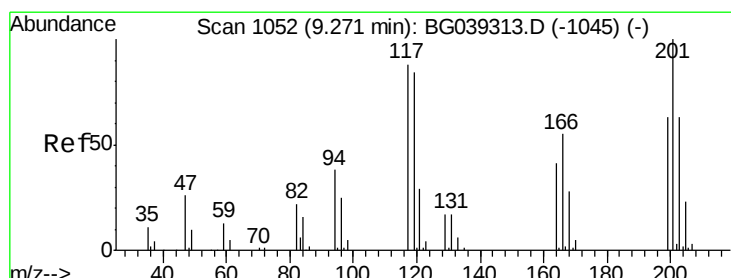
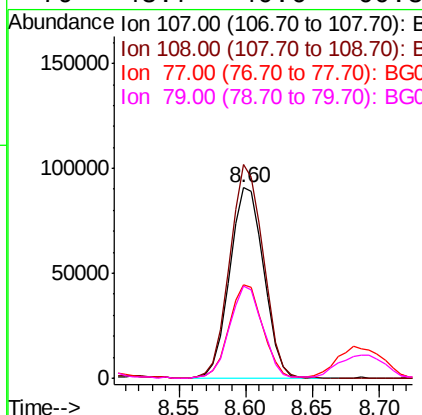
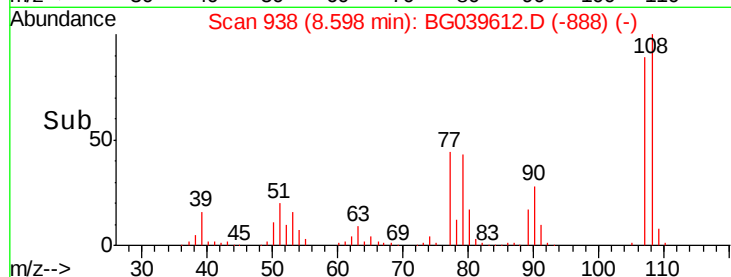
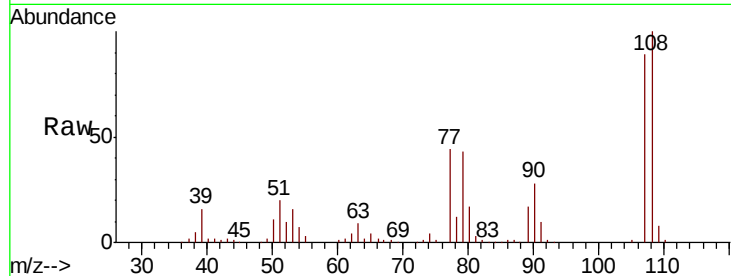
#17
2-Methylphenol
Concen: 44.763 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	90.8	136.2	
77	48.9	40.7	61.1	
79	48.7	40.6	60.8	

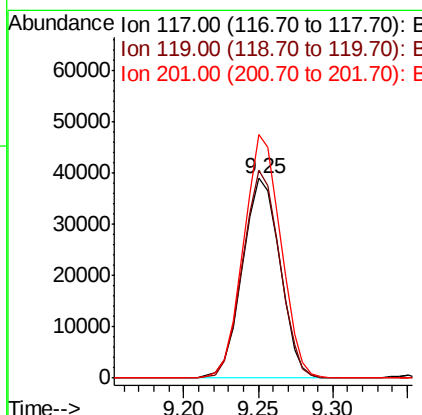
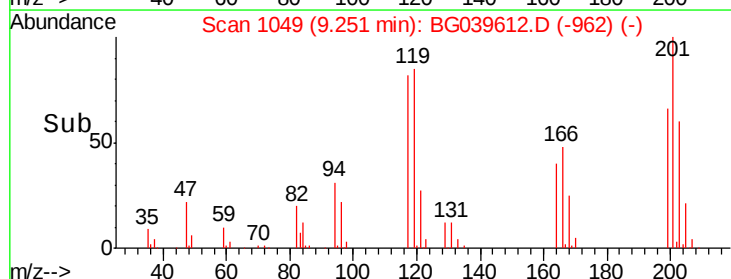
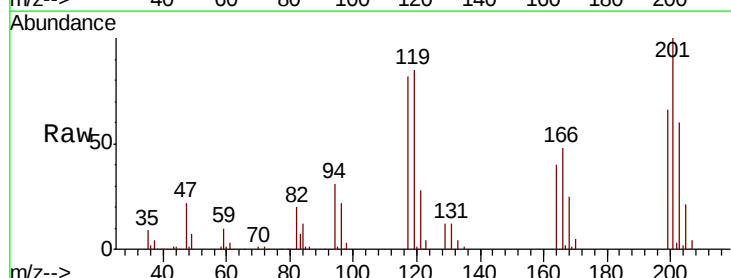
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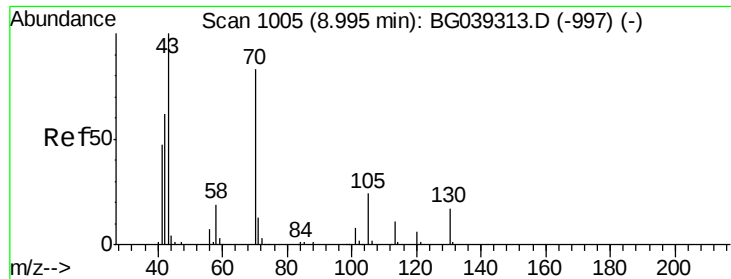
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#18
Hexachloroethane
Concen: 41.145 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.0	76.3	114.5	
201	121.8	91.1	136.7	





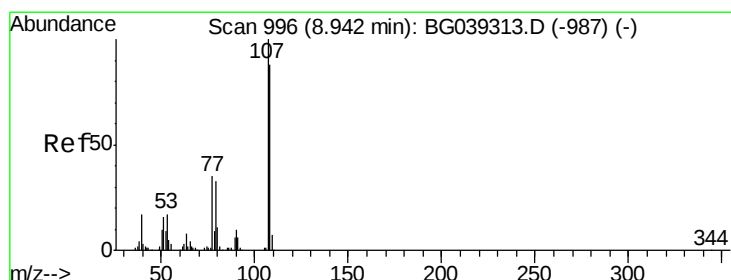
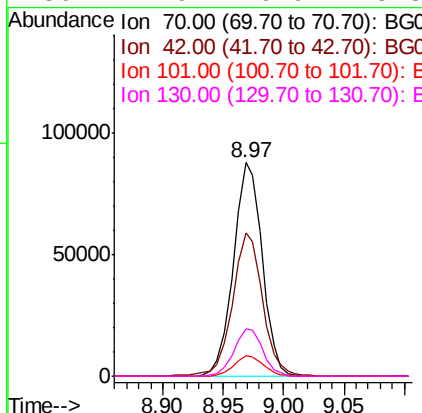
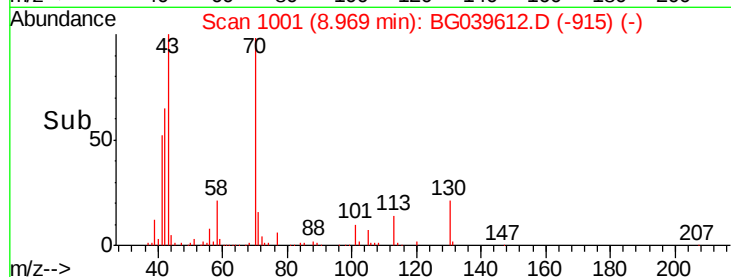
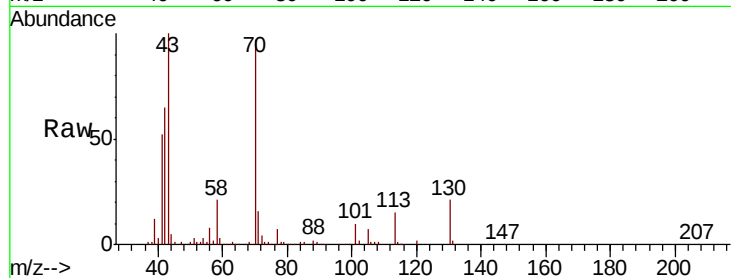
#19
n-Nitroso-di-n-propylamine
Concen: 38.343 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.1	60.4	90.6
101	9.9	7.5	11.3
130	21.9	16.9	25.3

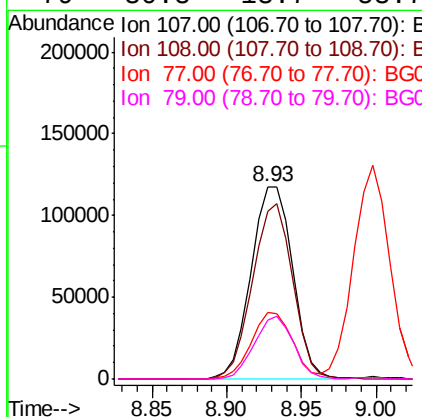
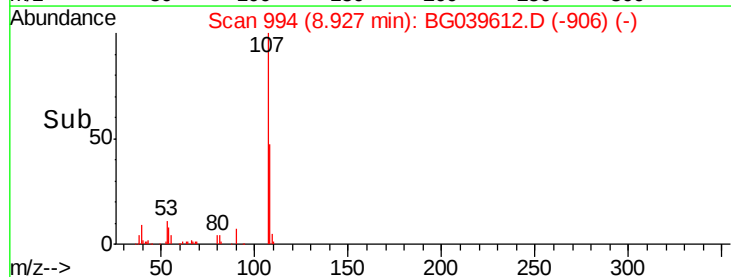
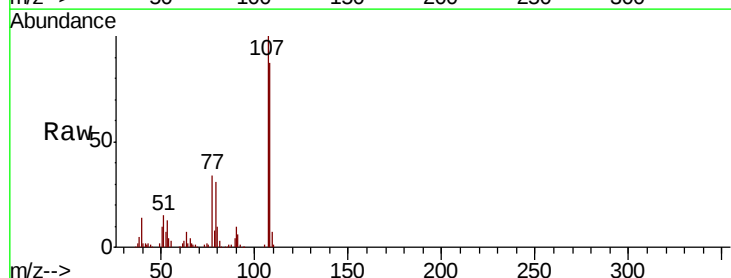
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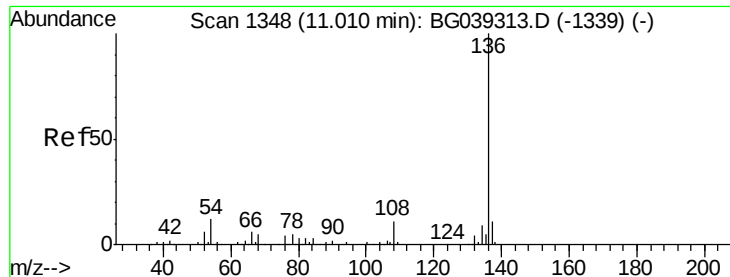
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#20
3+4-Methylphenols
Concen: 45.631 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	67.9	107.9
77	34.3	15.4	55.4
79	30.8	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

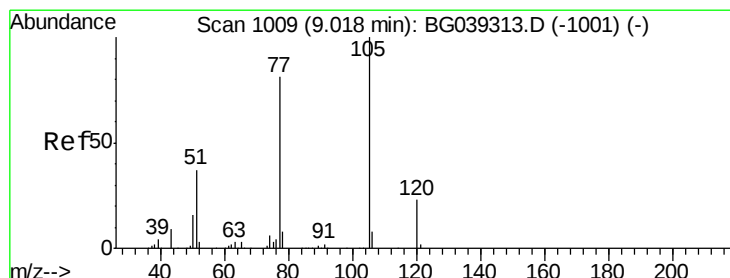
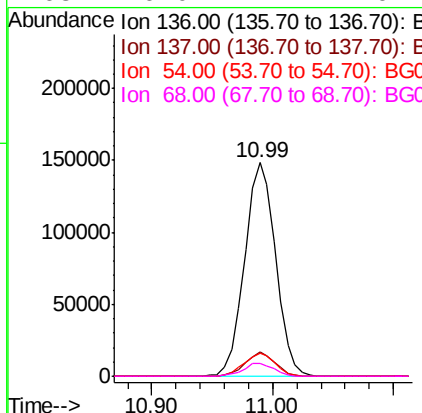
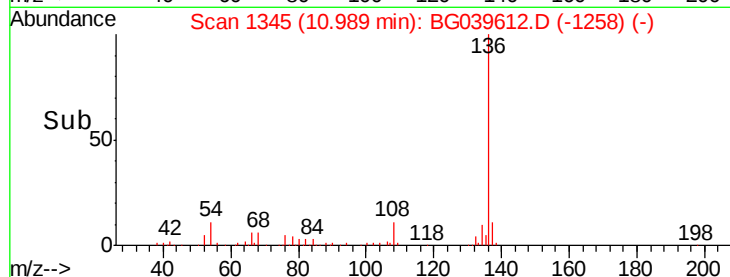
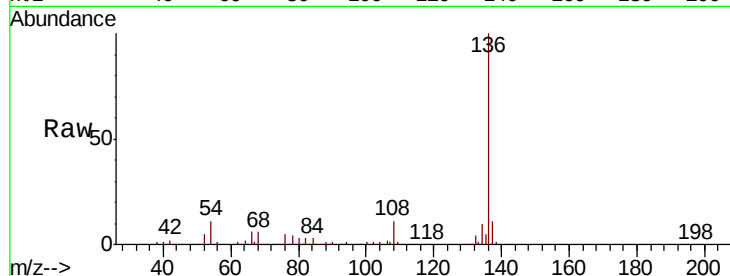
ClientSampleId :

B-4B(14-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	265299		
137	11.4		9.1	13.7
54	10.7		9.4	14.2
68	6.0		4.2	6.4

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#22

Acetophenone

Concen: 38.985 ng

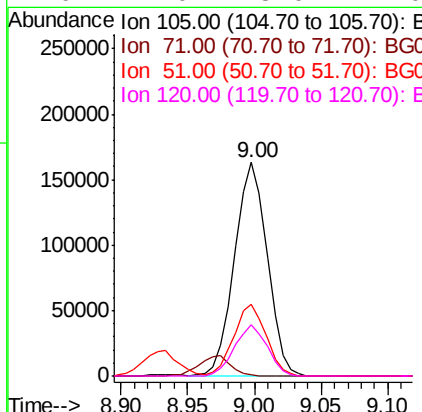
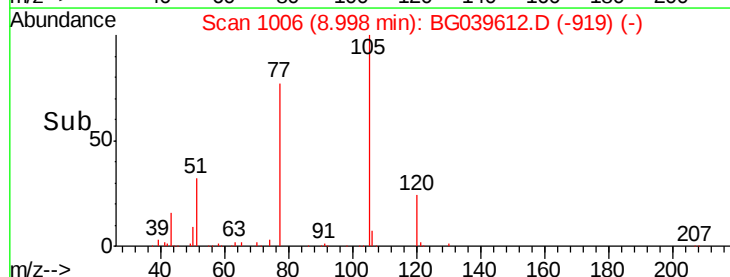
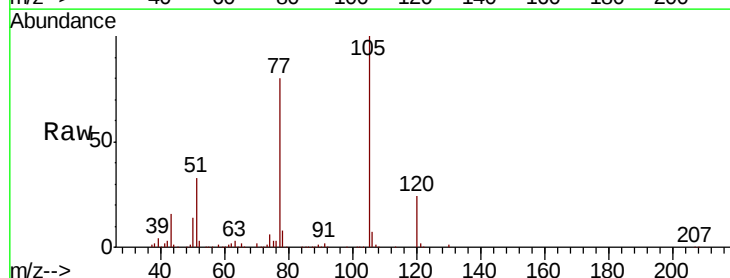
RT: 9.00 min Scan# 1006

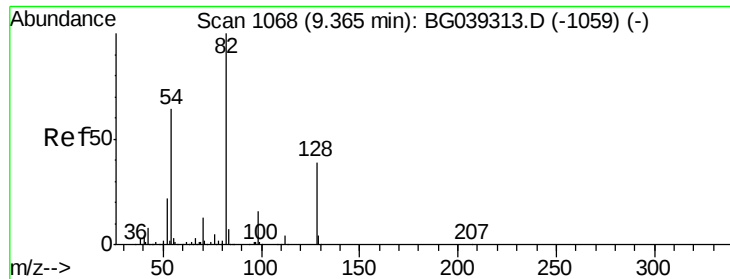
Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277825		
71	0.4		0.8	1.2#
51	33.3		30.2	45.2
120	24.0		18.0	27.0





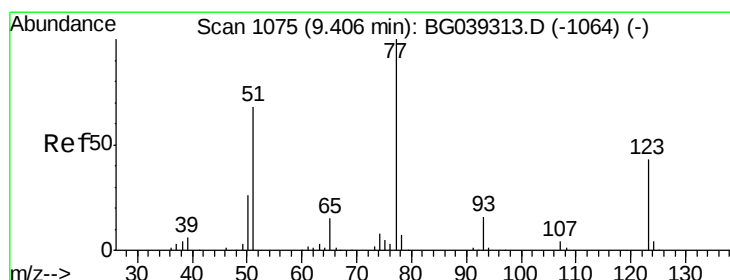
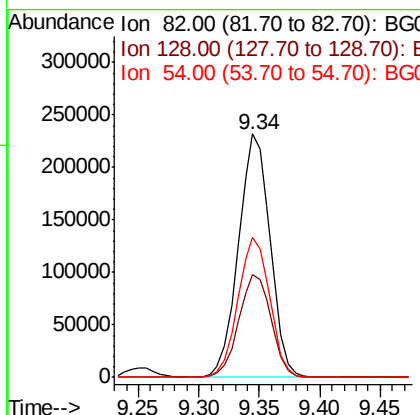
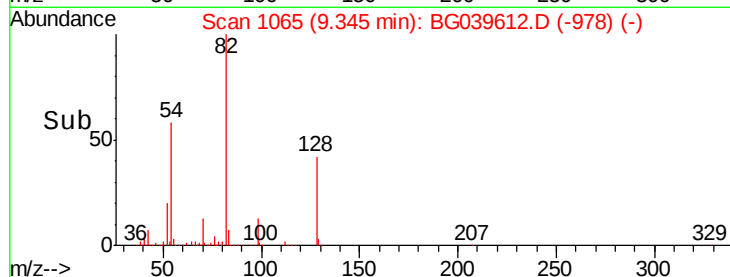
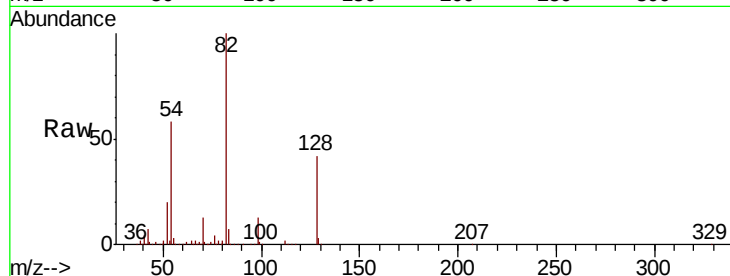
#23
 Nitrobenzene-d5
 Concen: 99.592 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.3	46.9
54	57.5	50.9	76.3

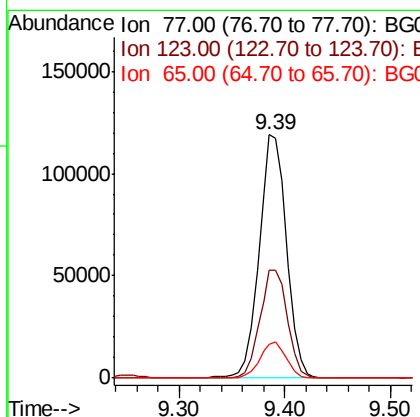
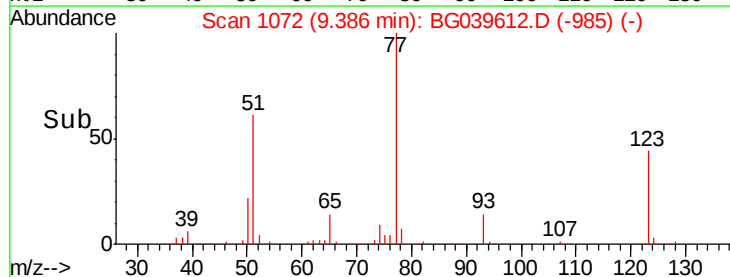
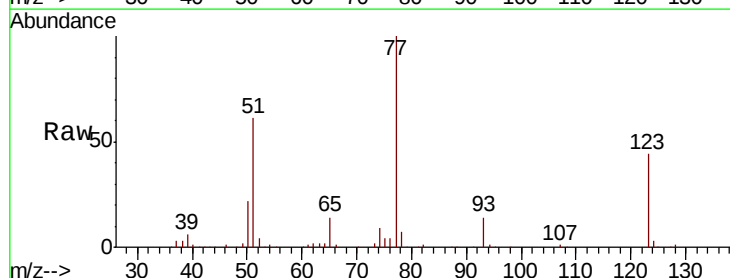
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#24
 Nitrobenzene
 Concen: 46.491 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. -0.02 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.1	51.1
65	13.8	12.3	18.5





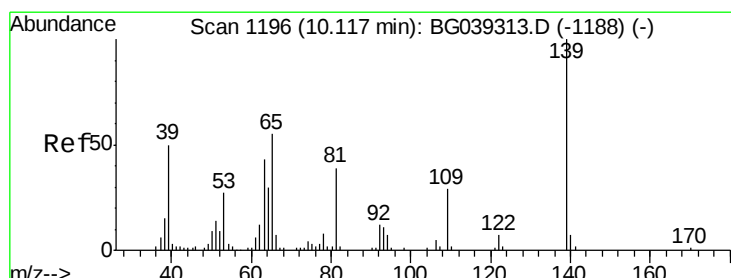
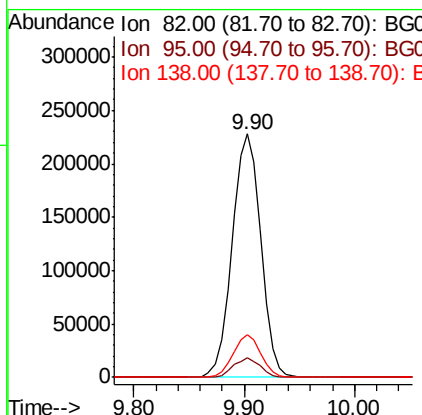
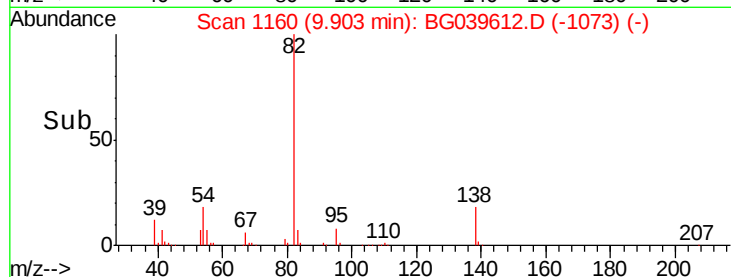
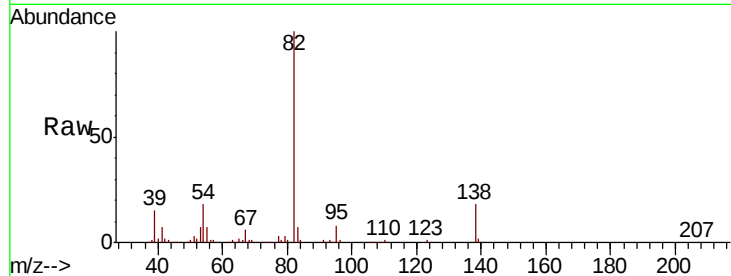
#25
Isophorone
Concen: 43.930 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.2	9.2
138	17.7	13.0	19.4

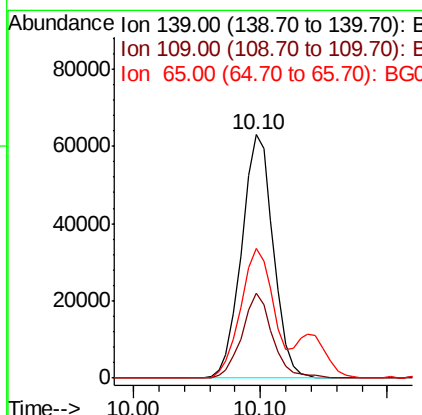
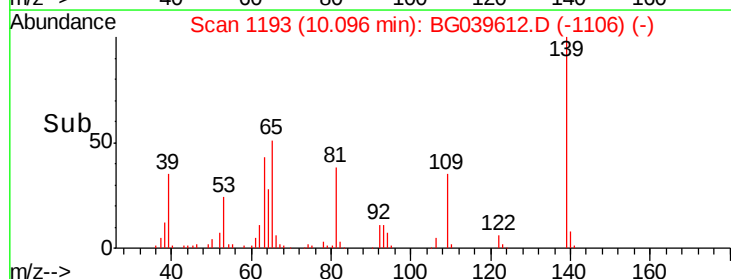
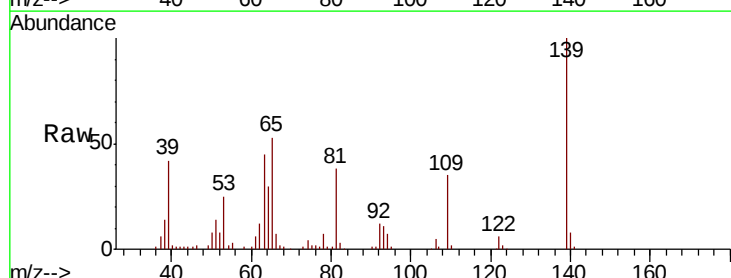
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#26
2-Nitrophenol
Concen: 57.056 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.8	23.4	35.0
65	53.4	44.3	66.5





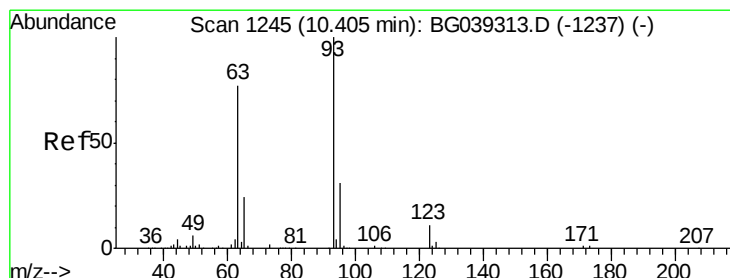
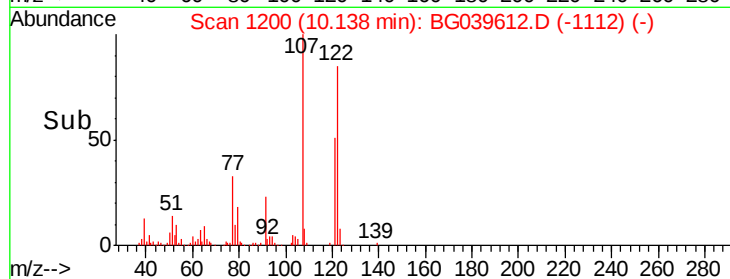
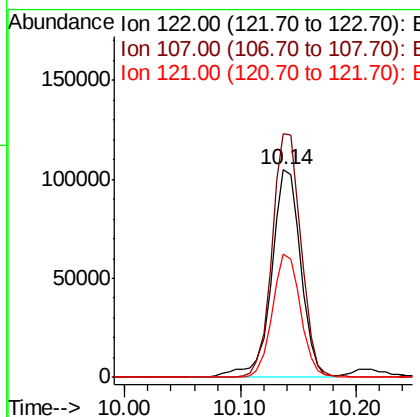
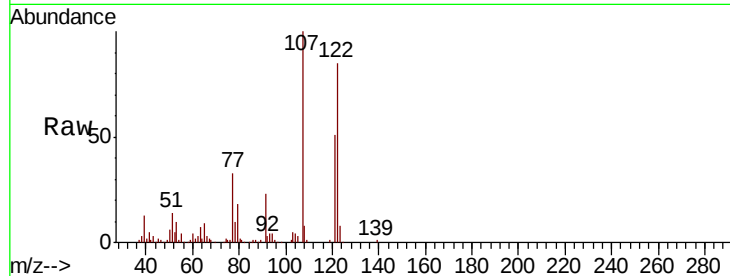
#27
2,4-Dimethylphenol
Concen: 48.579 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	117.5	91.7	137.5	
121	59.5	46.4	69.6	

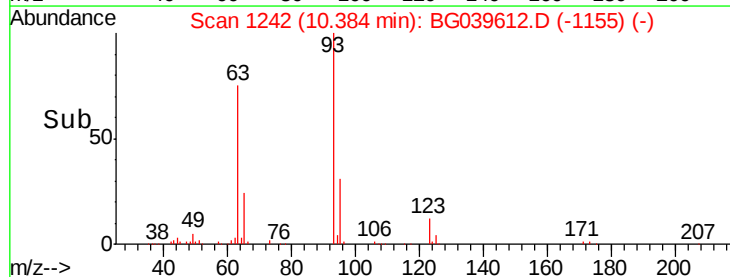
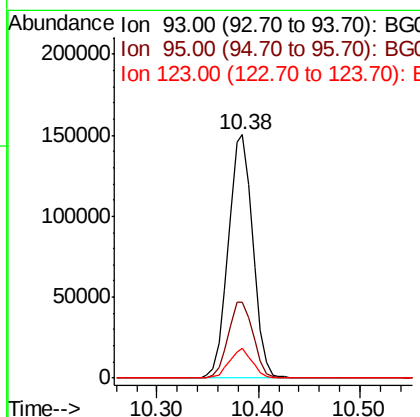
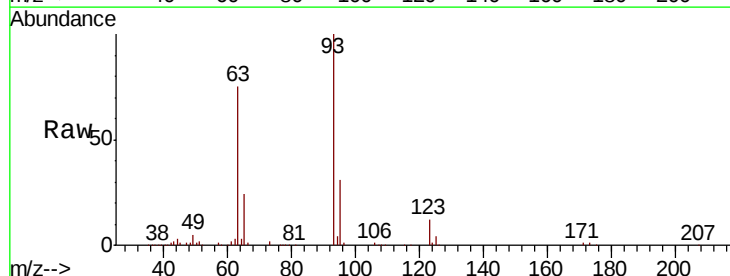
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#28
bis(2-Chloroethoxy)methane
Concen: 43.381 ng
RT: 10.38 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.1	25.0	37.4	
123	12.2	8.6	12.8	





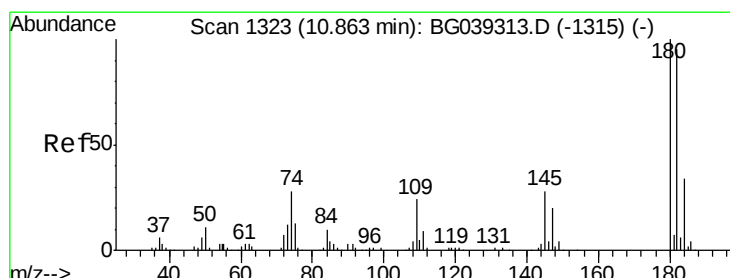
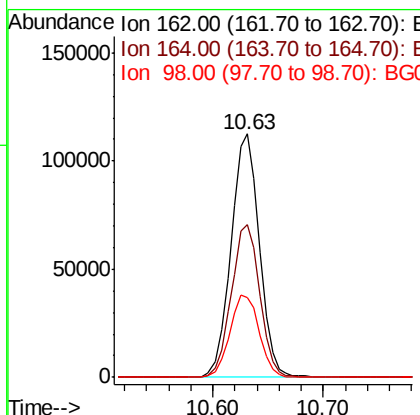
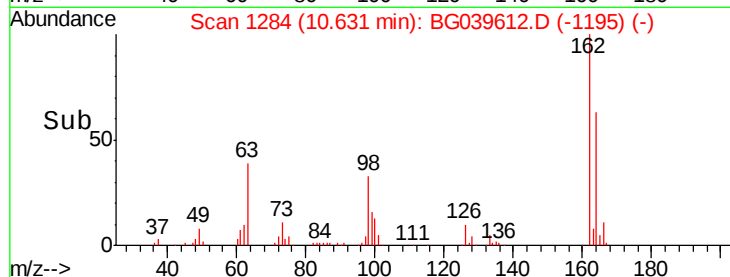
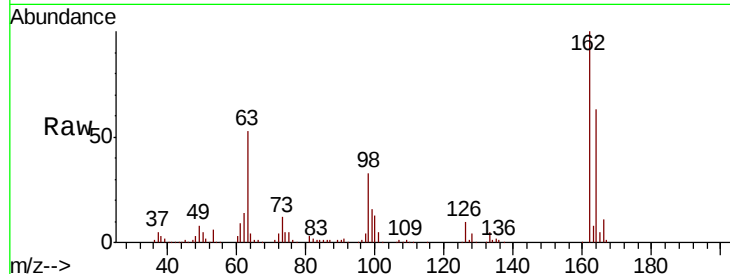
#29
2,4-Dichlorophenol
Concen: 48.599 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	48.1	88.1
98	32.6	18.1	58.1

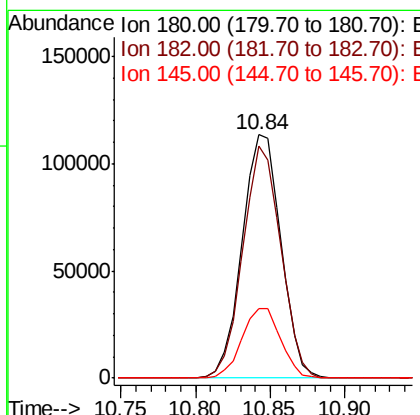
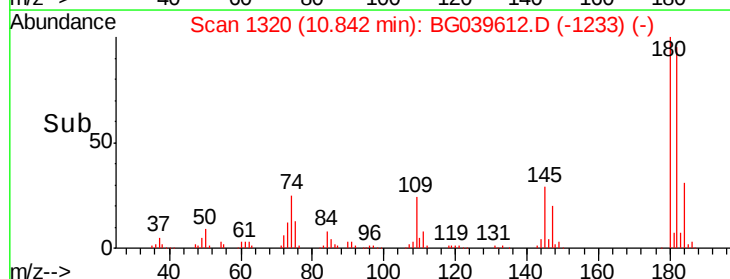
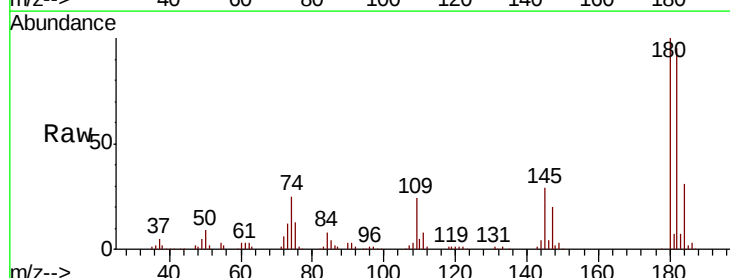
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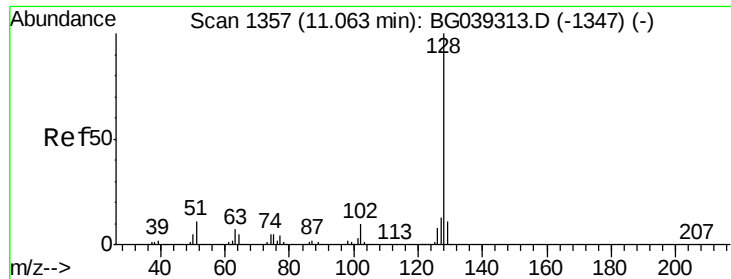
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#30
1,2,4-Trichlorobenzene
Concen: 43.661 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.0	114.0
145	28.7	22.7	34.1





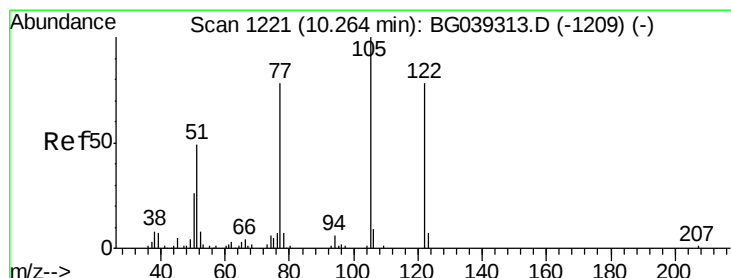
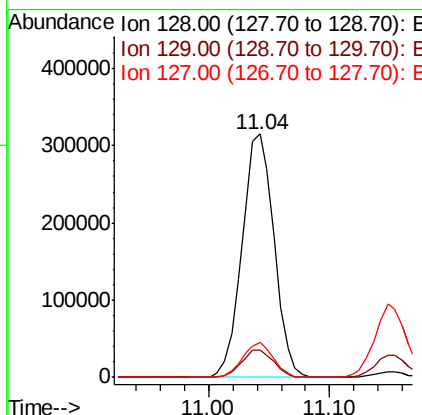
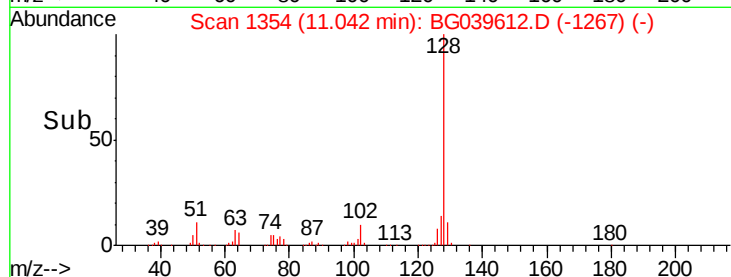
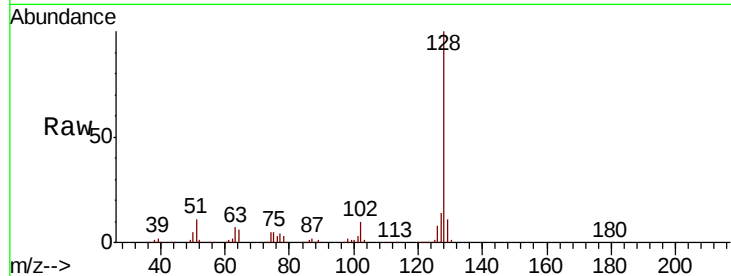
#31
Naphthalene
Concen: 44.134 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	14.5	10.8	16.2

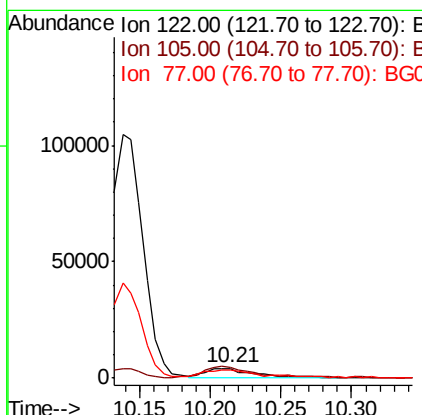
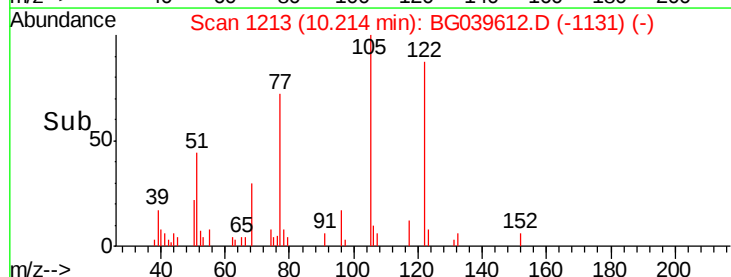
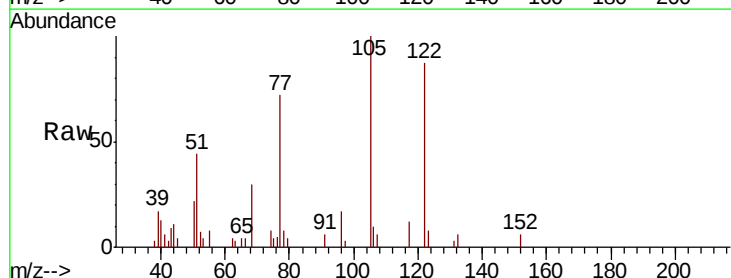
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#32
Benzoic acid
Concen: 12.296 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.4	101.8	141.8
77	82.0	76.3	116.3





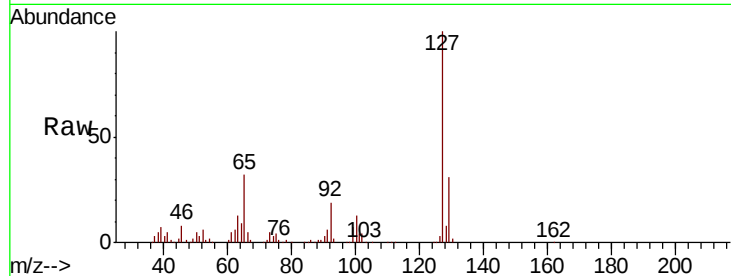
#33
4-Chloroaniline
Concen: 28.076 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampled :
B-4B(14-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.9	27.0	40.4	
65	32.0	28.8	43.2	
92	18.8	16.6	25.0	

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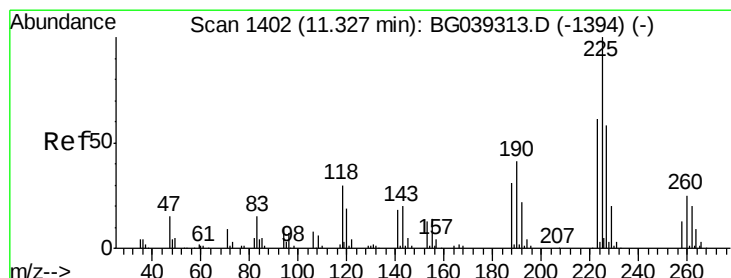
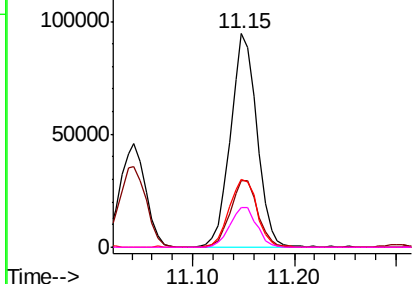
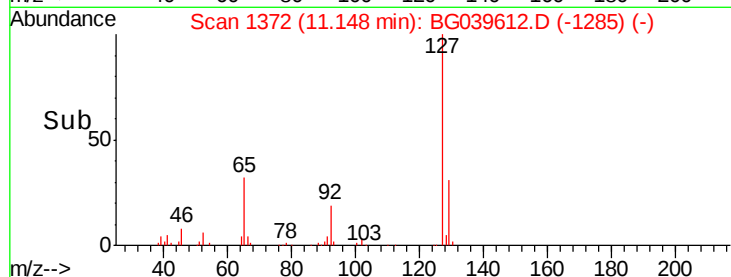
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

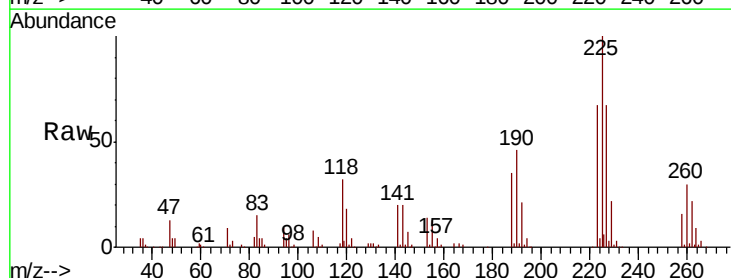
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.103 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	67.0	49.0	73.6	
227	67.1	46.3	69.5	

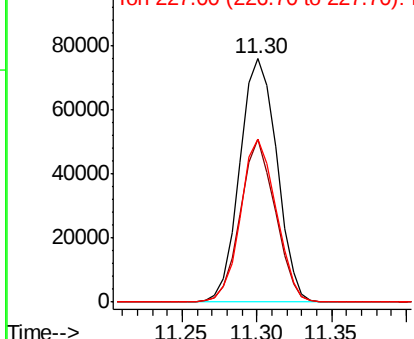
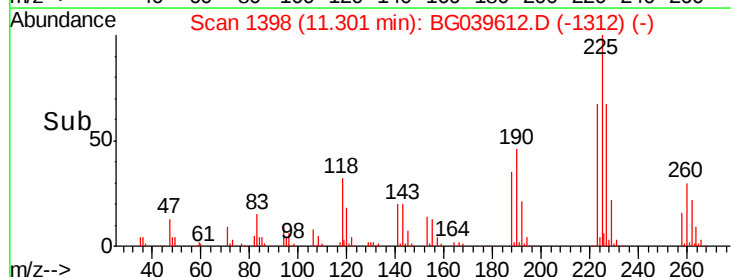


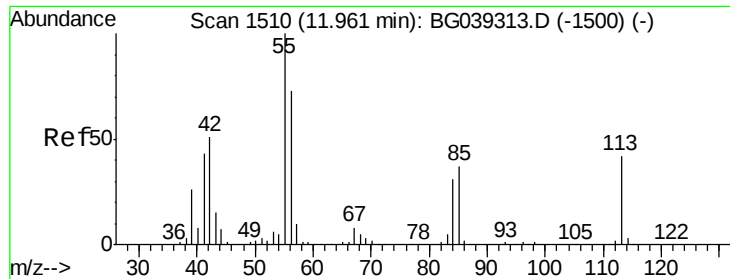
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.492 ng/ml

RT: 11.94 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

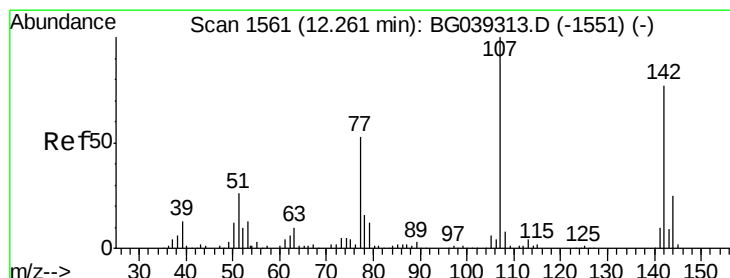
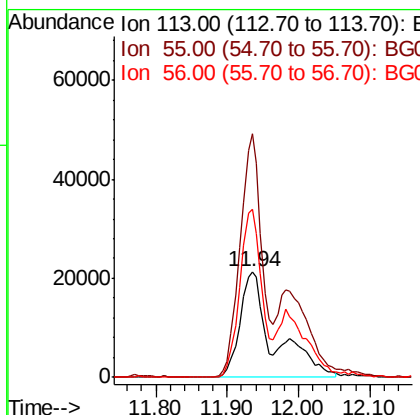
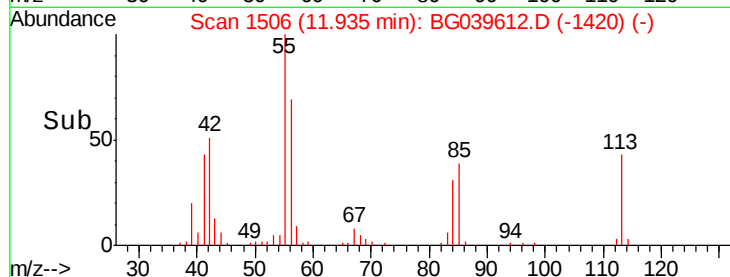
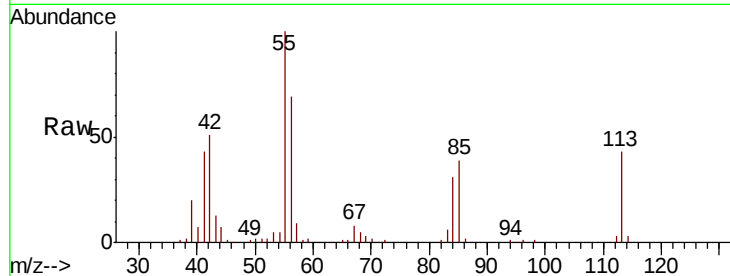
ClientSampleId :

B-4B(14-15)MSD

Tot Ion:	113	Resp:	69715
Ion Ratio	Lower	Upper	
113	100		
55	230.3	216.9	256.9
56	158.5	152.6	192.6

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#36

4-Chloro-3-methylphenol

Concen: 44.860 ng/ml

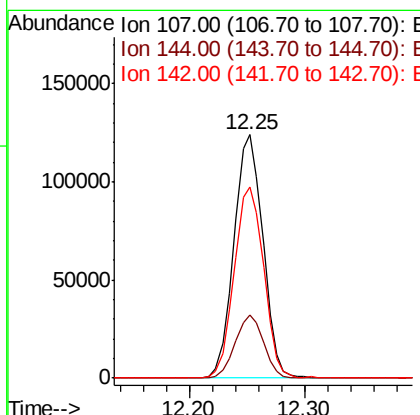
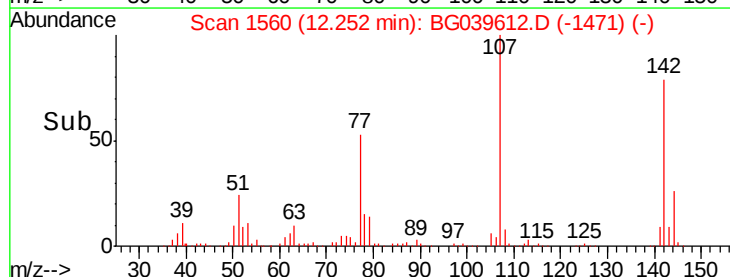
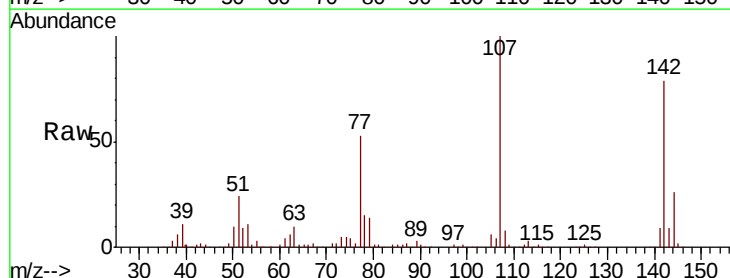
RT: 12.25 min Scan# 1560

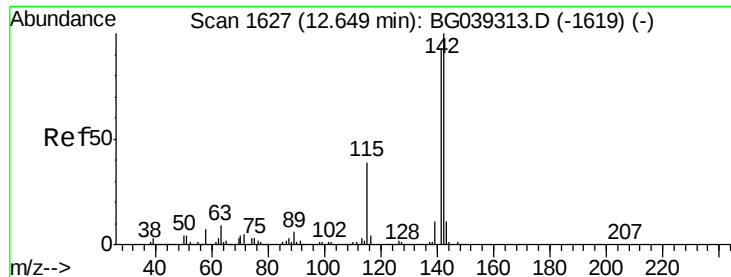
Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	107	Resp:	215855
Ion Ratio	Lower	Upper	
107	100		
144	25.9	20.2	30.2
142	78.6	61.4	92.2





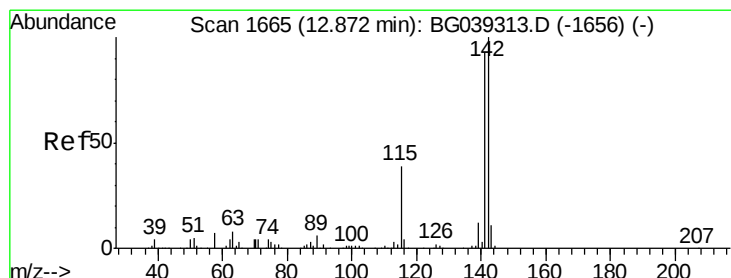
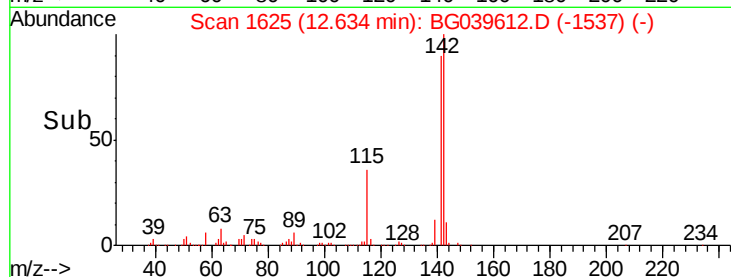
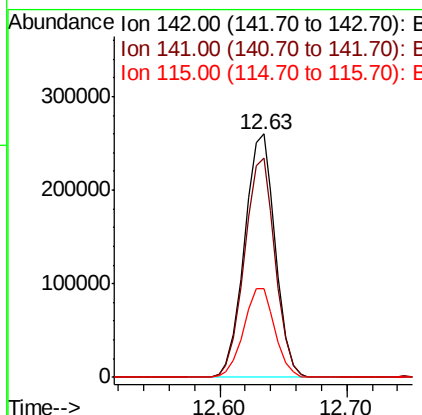
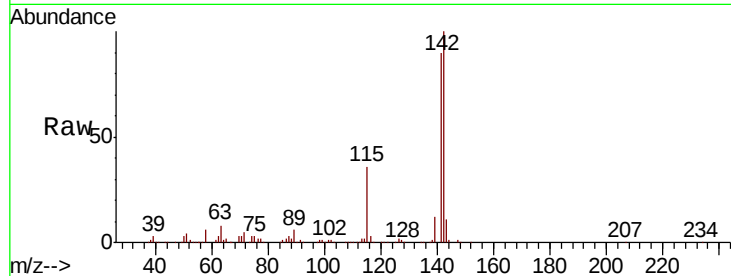
#37
2-Methylnaphthalene
Concen: 44.800 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
115	36.5	30.8	46.2

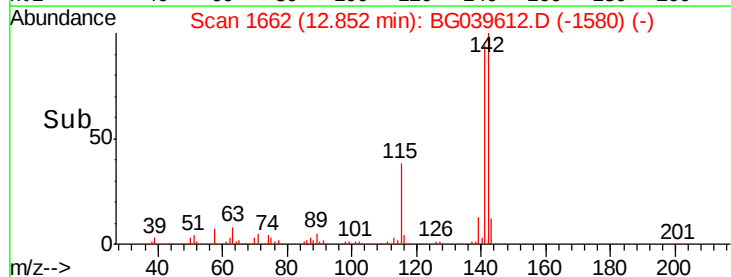
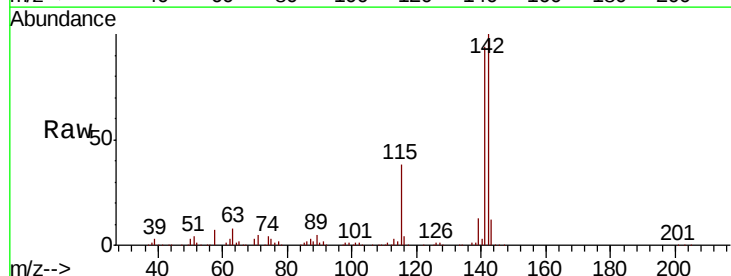
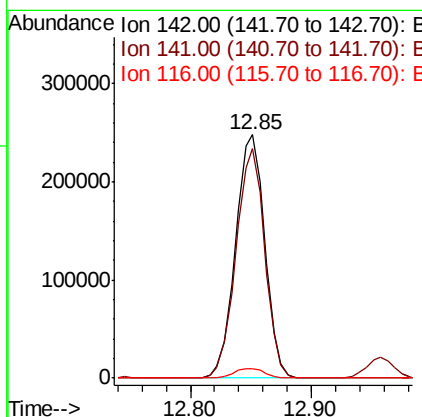
Manual Integrations
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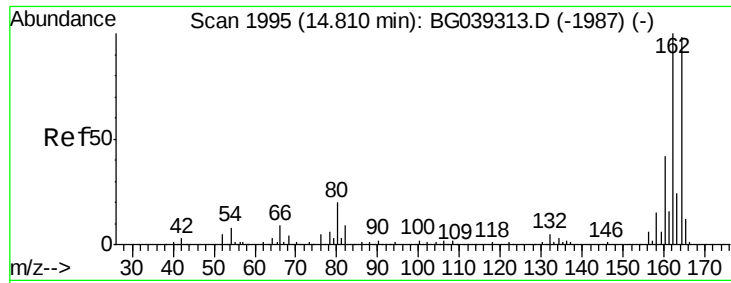
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#38
1-Methylnaphthalene
Concen: 44.543 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

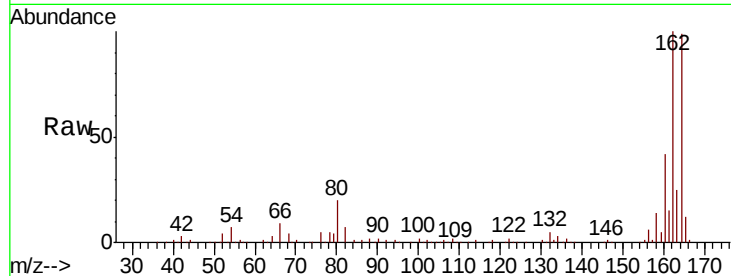
ClientSampleId :

B-4B(14-15)MSD

Tot Ion:	164	Resp:	178681
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.6	122.4
160	42.8	34.2	51.2

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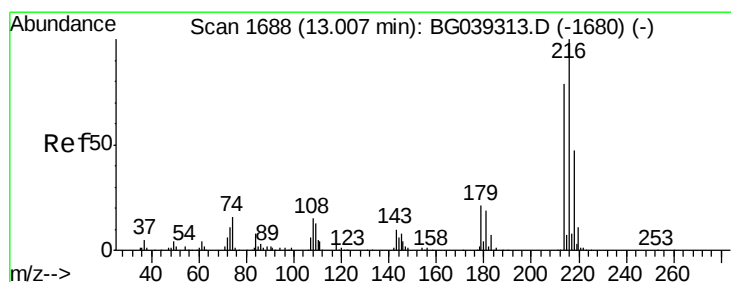
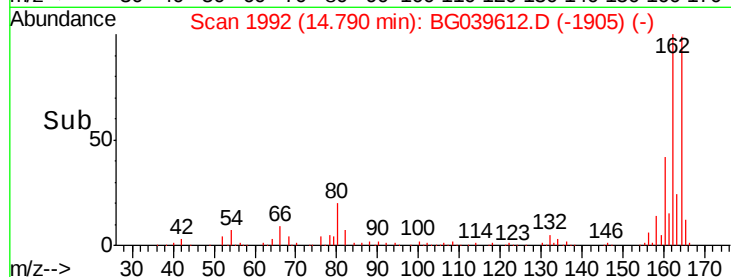
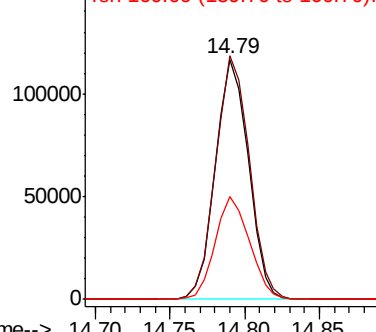


Abundance

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: 42.511 ng

RT: 12.99 min Scan# 1685

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	216	Resp:	241680
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.6	94.0
179	21.1	16.6	25.0
108	18.0	14.0	21.0

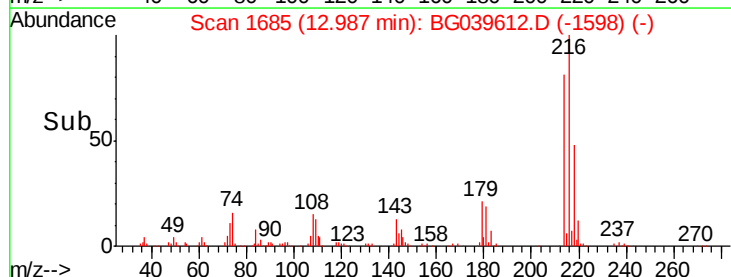
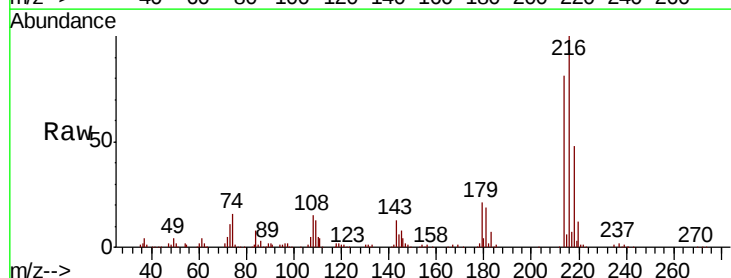
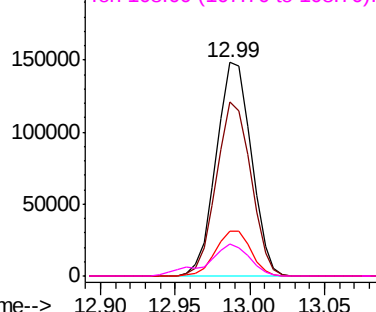
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.234 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

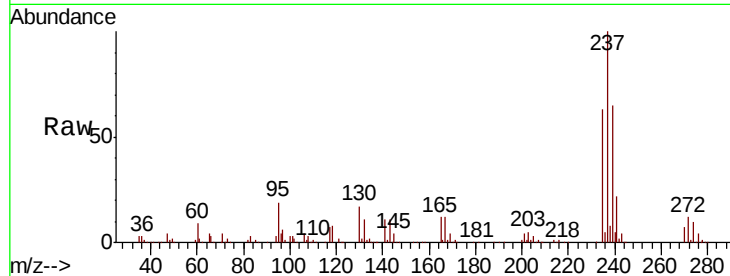
ClientSampled :

B-4B(14-15)MSD

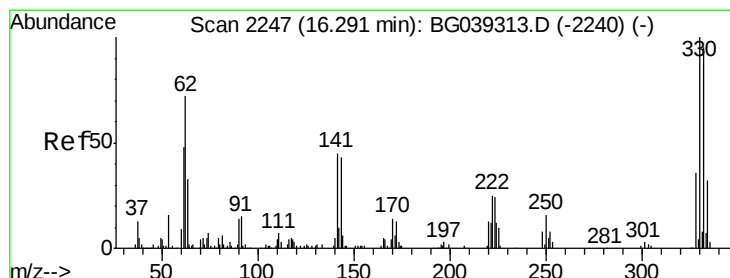
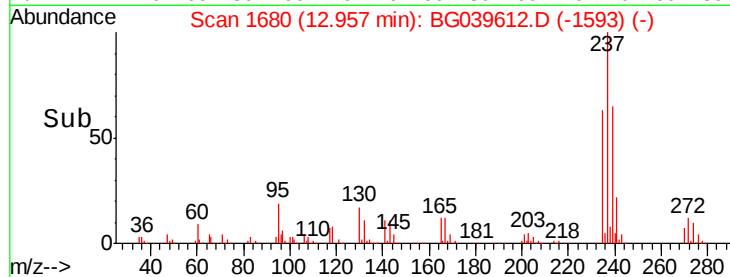
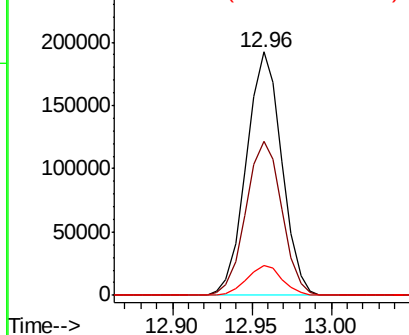
Tot Ion:	237	Resp:	298125
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.3	83.3
272	12.3	0.0	32.3

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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: 146.718 ng

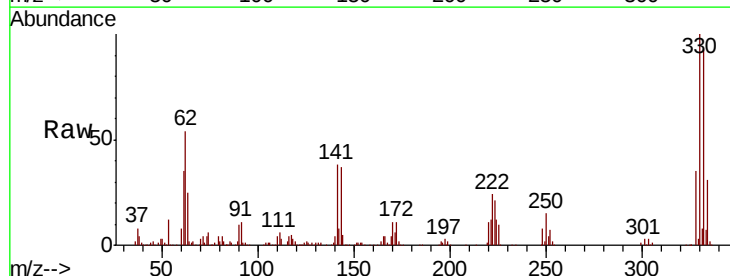
RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

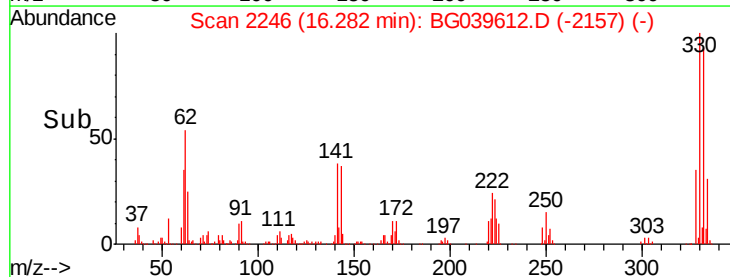
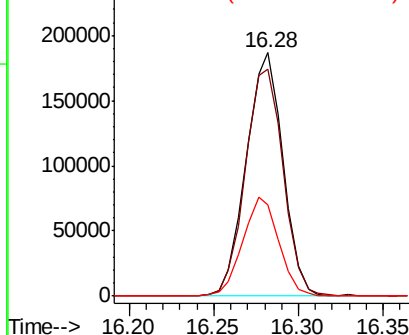
Lab File: BG039612.D

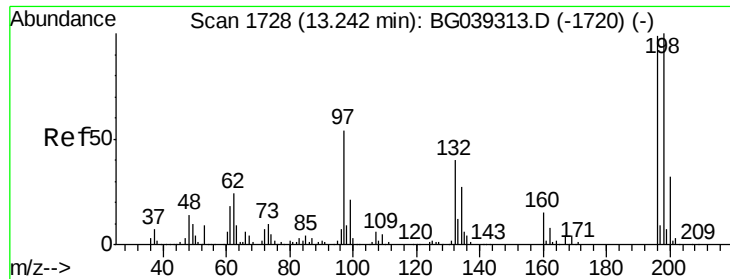
Acq: 26 Feb 2019 22:38

Tgt Ion:	330	Resp:	282299
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.7	113.5
141	40.4	35.6	53.4



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





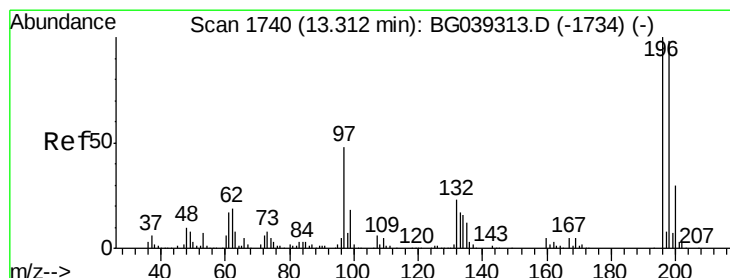
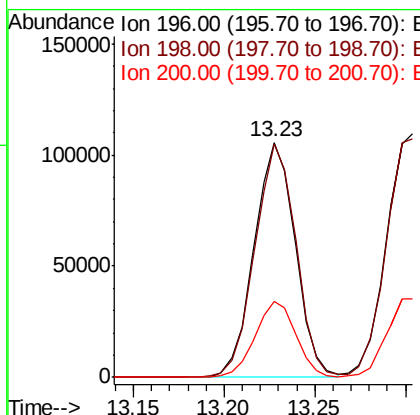
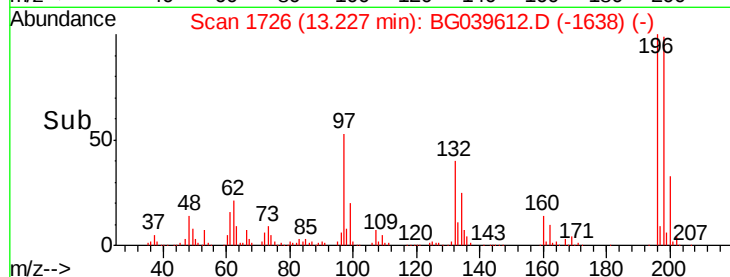
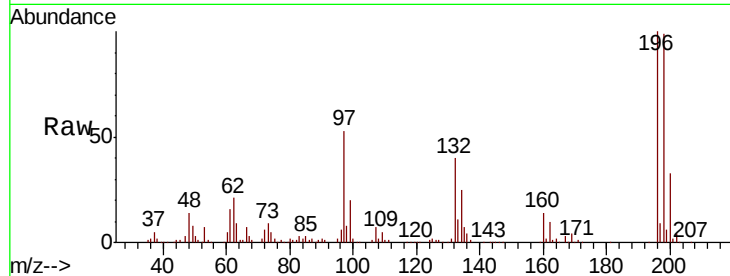
#43
 2,4,6-Trichlorophenol
 Concen: 47.605 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampled :
 B-4B(14-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	166403		
198	99.3	80.6	121.0	
200	32.6	26.1	39.1	

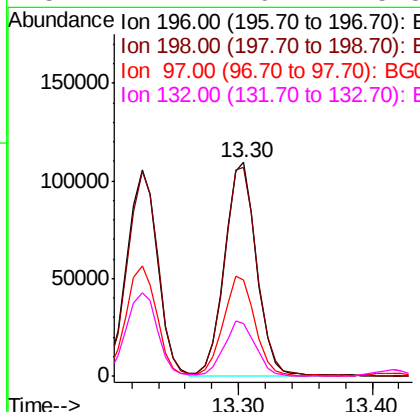
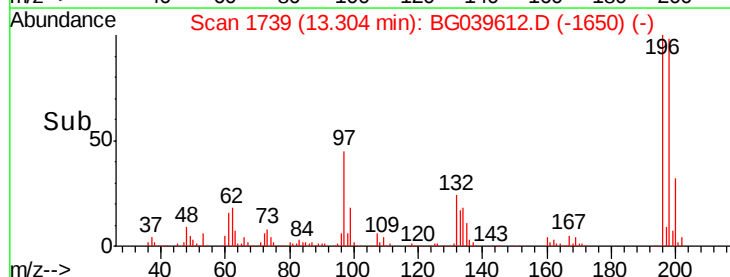
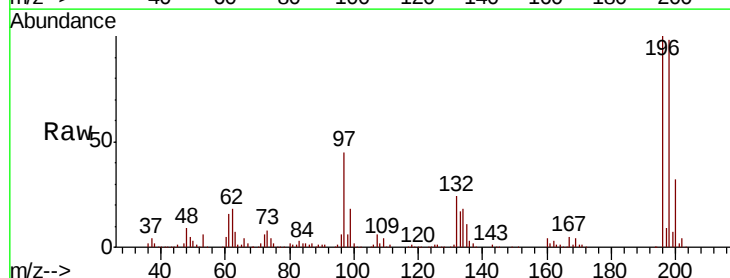
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#44
 2,4,5-Trichlorophenol
 Concen: 49.622 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181795		
198	97.9	78.5	117.7	
97	44.9	38.4	57.6	
132	24.4	19.2	28.8	





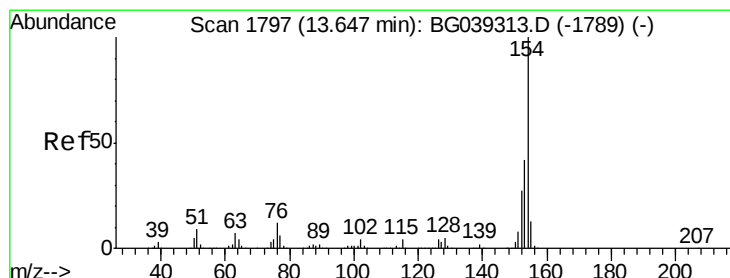
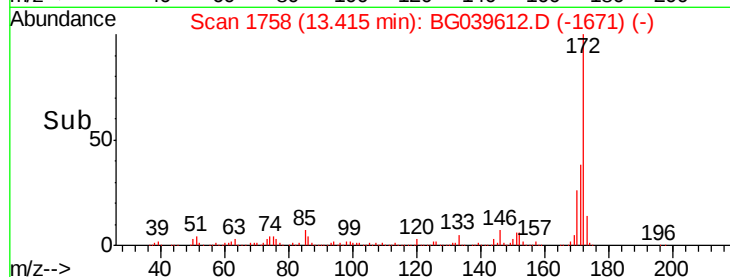
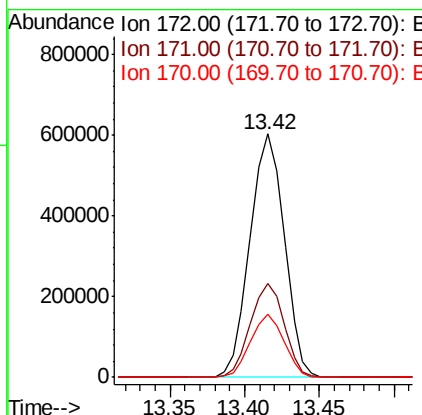
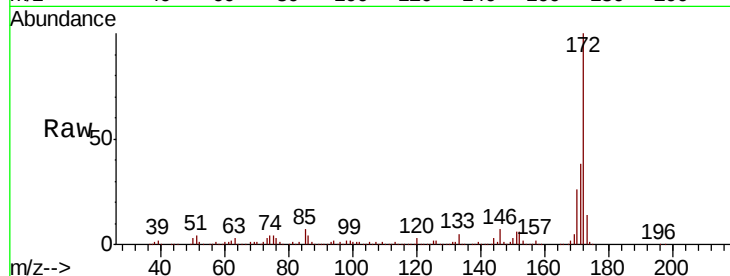
#45
2-Fluorobiphenyl
Concen: 77.126 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	25.9	20.2	30.4

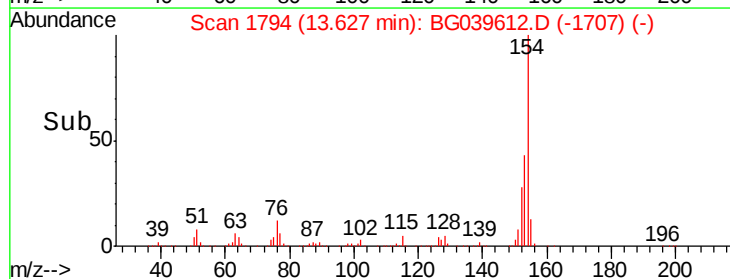
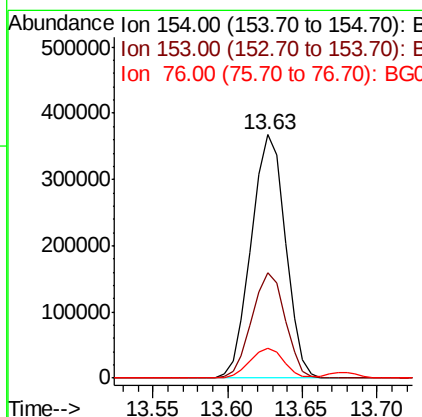
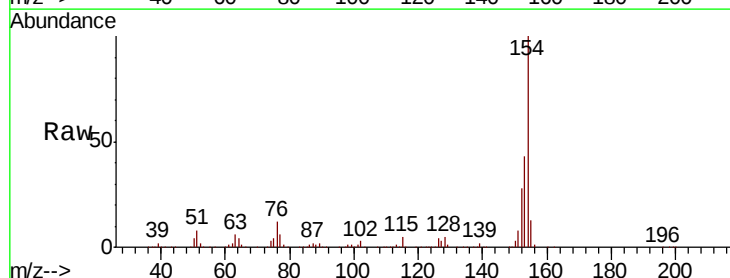
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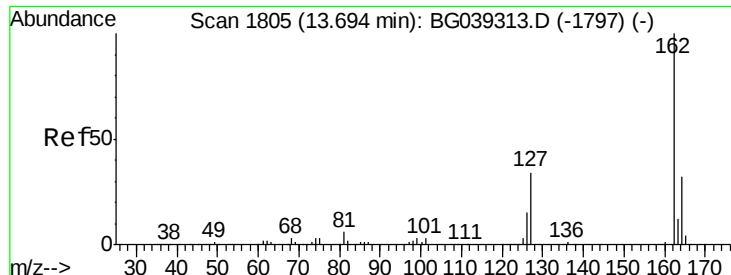
Sohil
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#46
1,1'-Biphenyl
Concen: 39.125 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	12.1	0.0	32.4





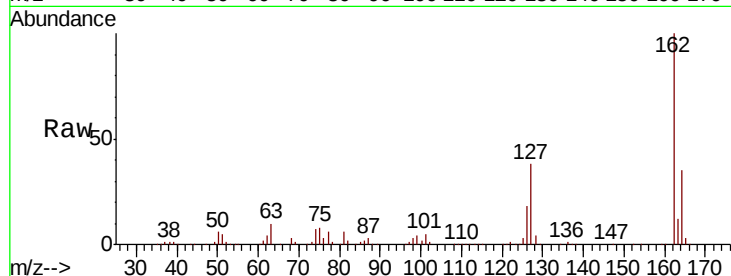
#47
 2-Chloronaphthalene
 Concen: 40.664 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MSD

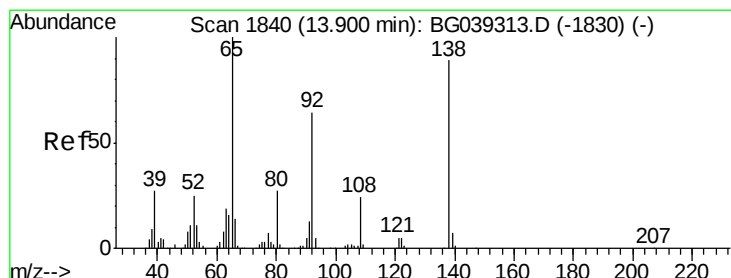
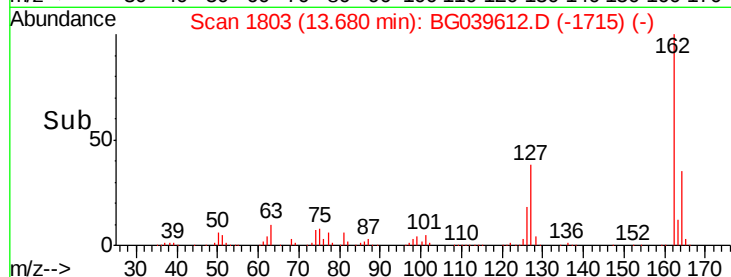
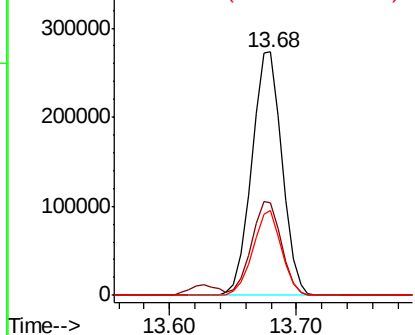
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.0	46.6
164	35.1	25.7	38.5

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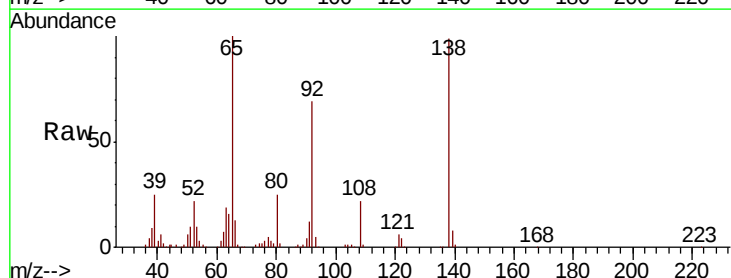


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

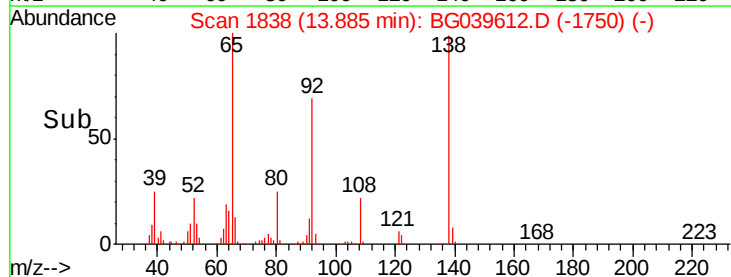
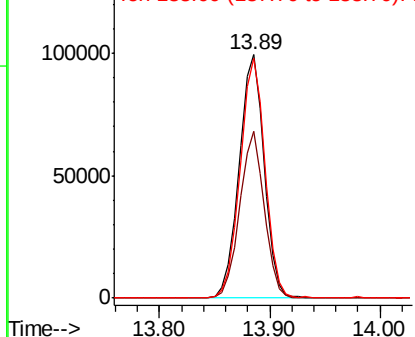


#48
 2-Nitroaniline
 Concen: 49.159 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	51.4	77.2
138	98.7	71.4	107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.839 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

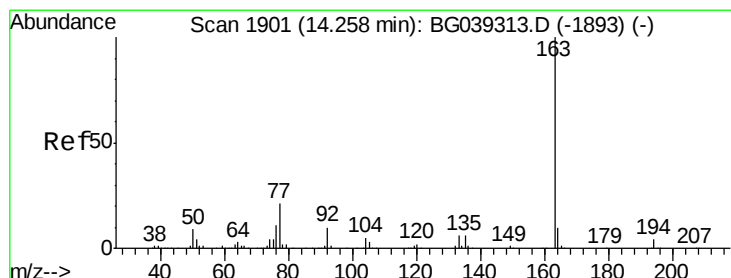
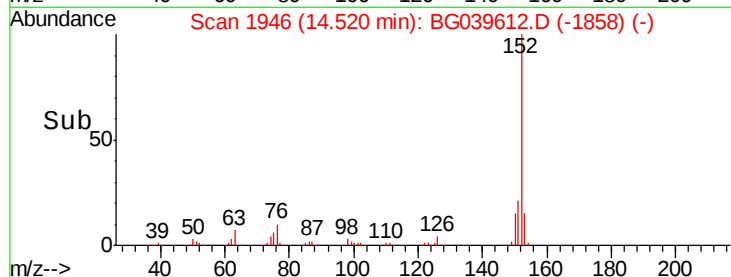
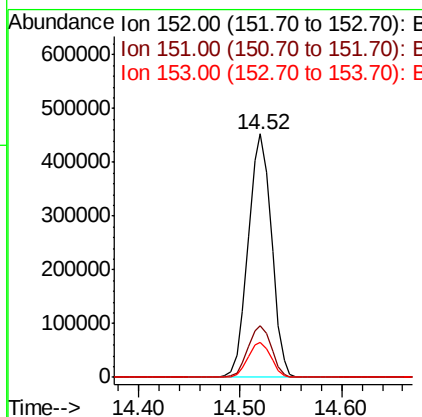
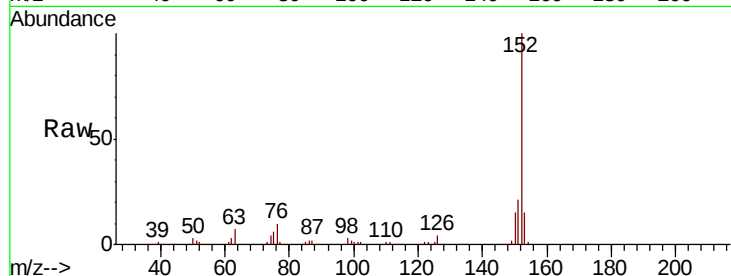
ClientSampleId :

B-4B(14-15)MSD

Tot Ion:	152	Resp:	722928
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.8	25.2
153	14.5	11.7	17.5

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#50

Dimethylphthalate

Concen: 45.781 ng

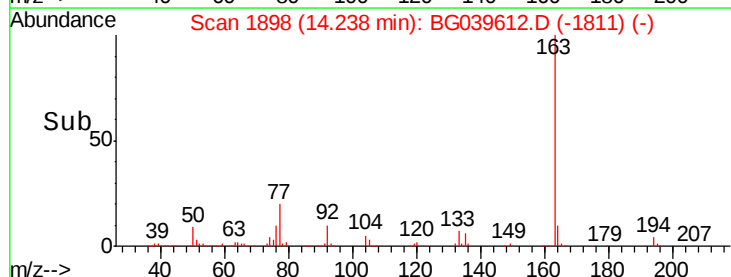
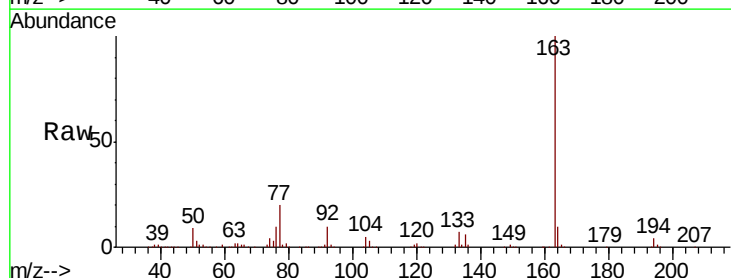
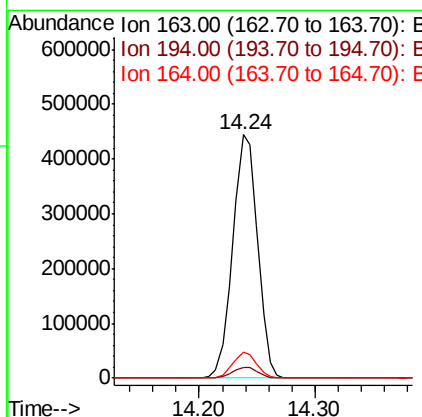
RT: 14.24 min Scan# 1898

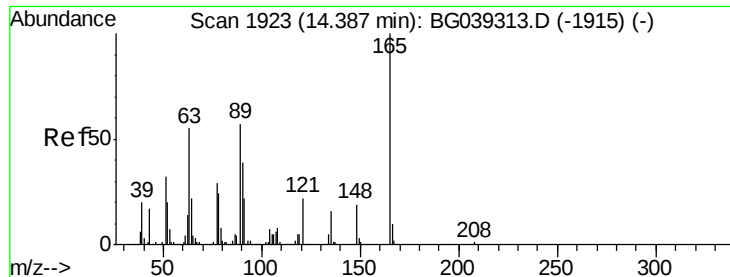
Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	163	Resp:	660658
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	10.5	8.4	12.6





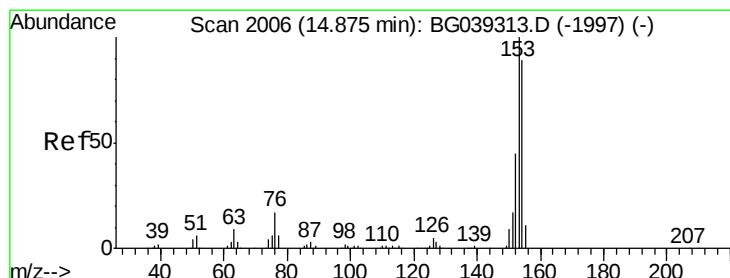
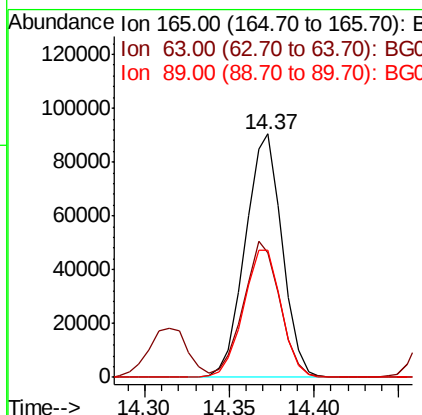
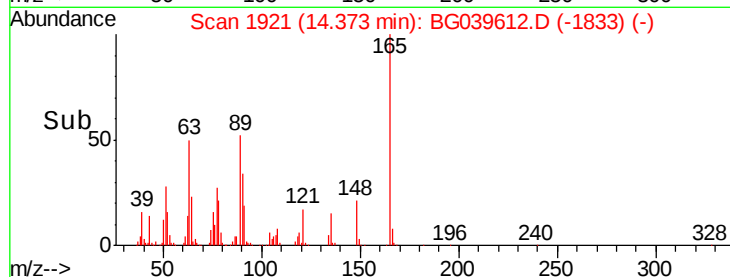
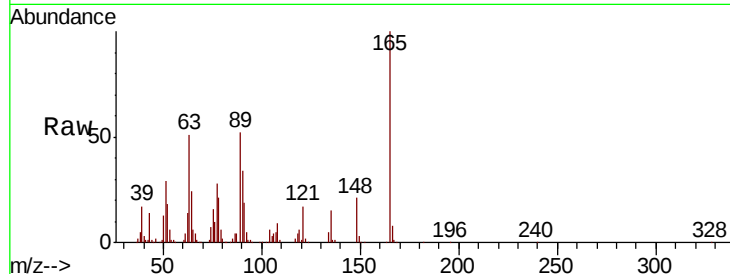
#51
2,6-Dinitrotoluene
Concen: 50.287 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	136605		
63	51.3	47.0	70.6	
89	52.2	45.8	68.8	

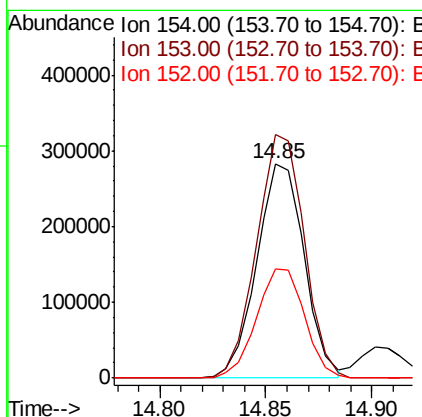
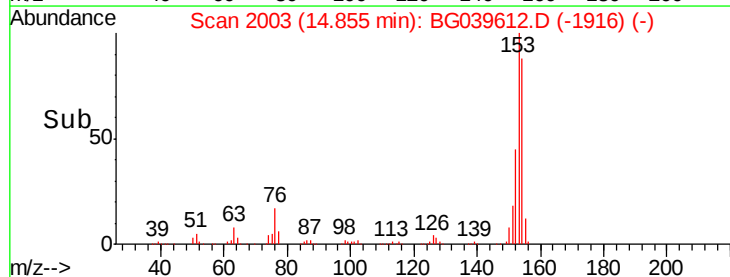
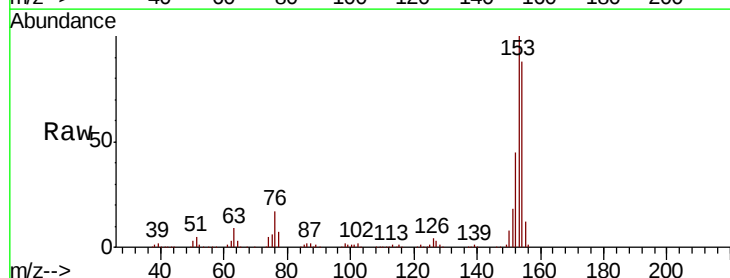
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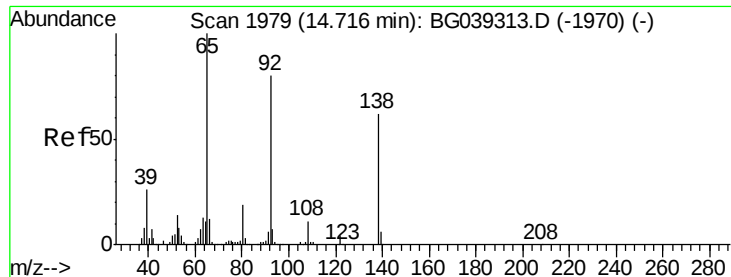
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#52
Acenaphthene
Concen: 40.373 ng
RT: 14.85 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	442253		
153	113.5	90.1	135.1	
152	51.1	40.9	61.3	





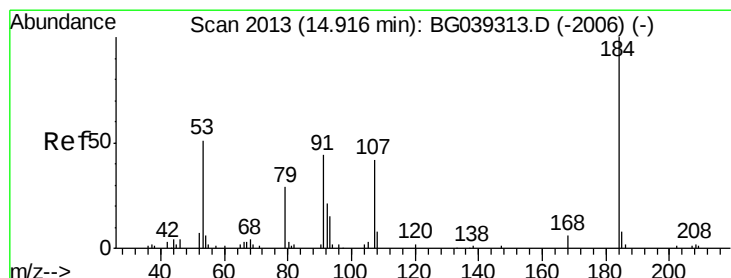
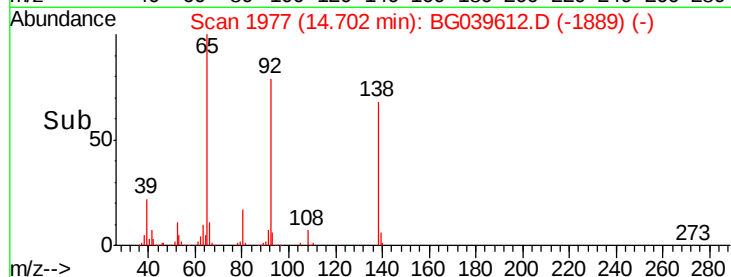
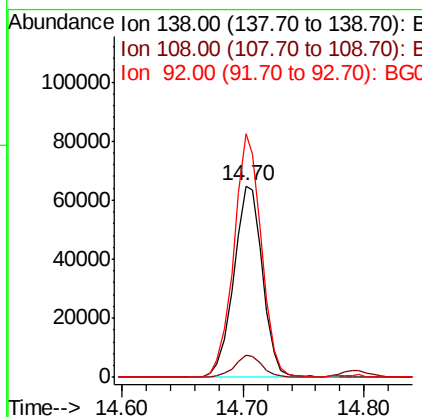
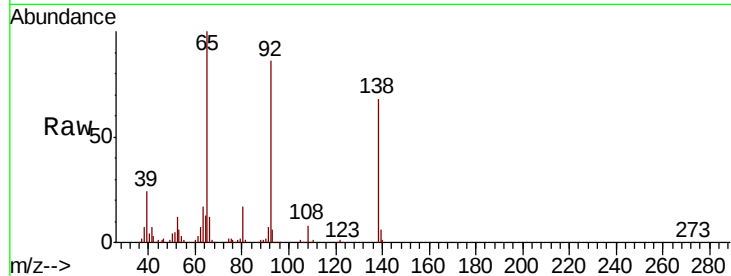
#53
3-Nitroaniline
Concen: 38.185 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion:138 Resp: 107206
Ion Ratio Lower Upper
138 100
108 11.5 13.8 20.8#
92 127.2 103.7 155.5

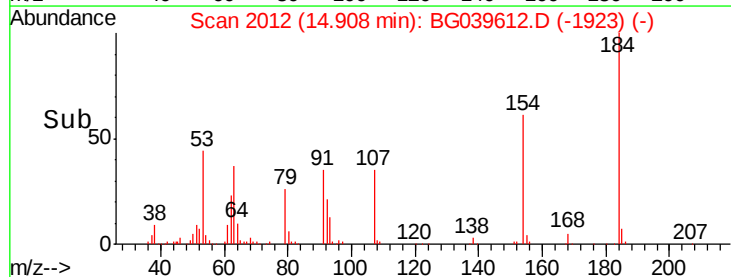
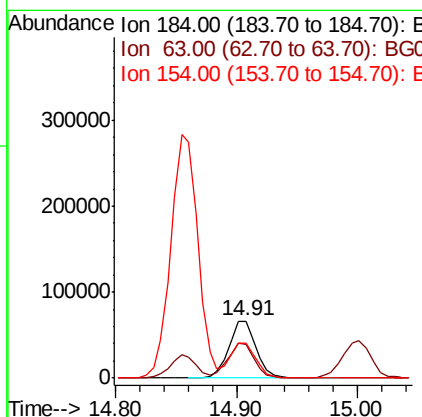
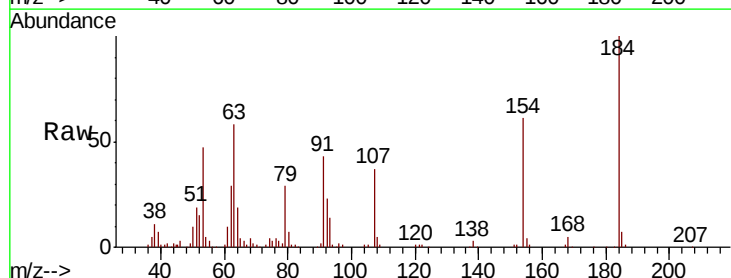
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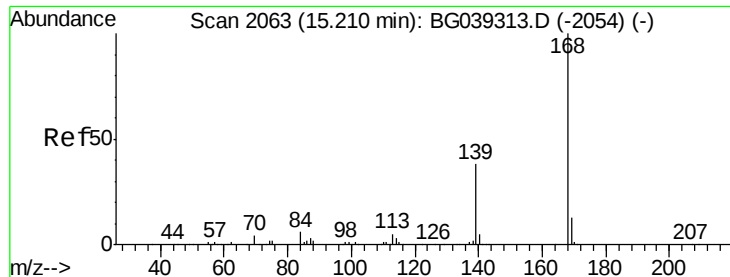
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#54
2,4-Dinitrophenol
Concen: 84.619 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion:184 Resp: 103810
Ion Ratio Lower Upper
184 100
63 58.4 50.9 76.3
154 60.6 53.0 79.6





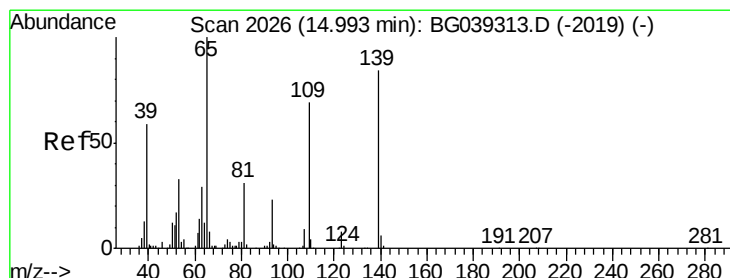
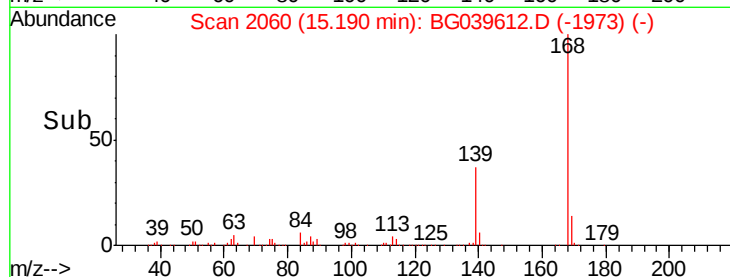
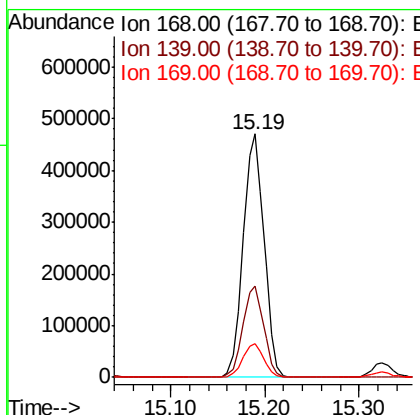
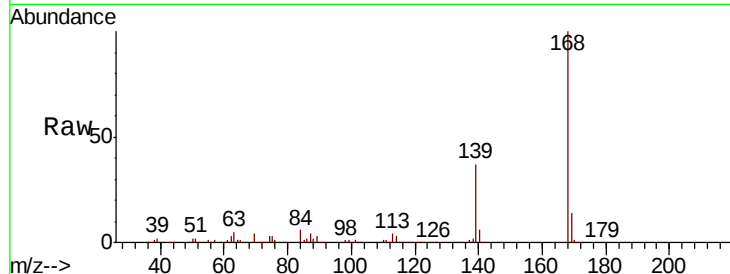
#55
Dibenzenofuran
Concen: 41.101 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.8	10.6	16.0

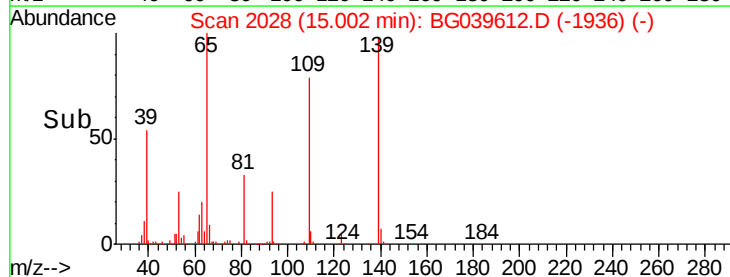
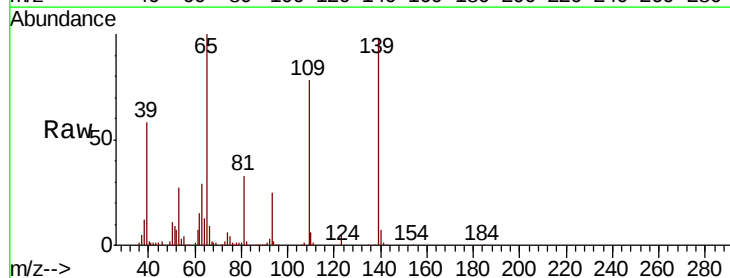
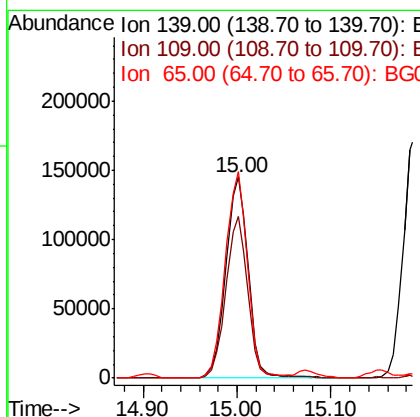
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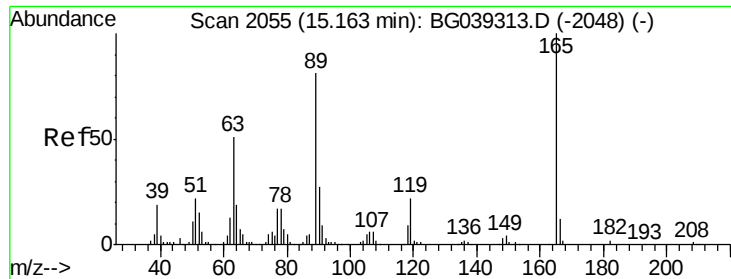
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#56
4-Nitrophenol
Concen: 91.253 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.2	61.9	101.9
65	102.4	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 53.992 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

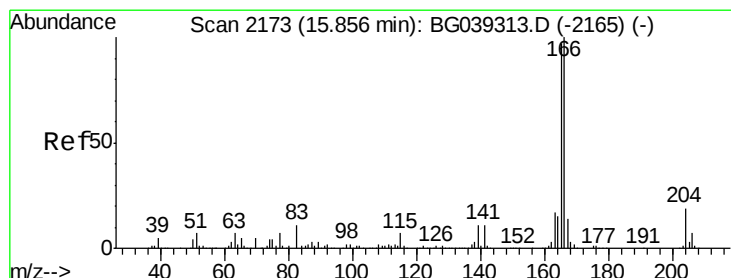
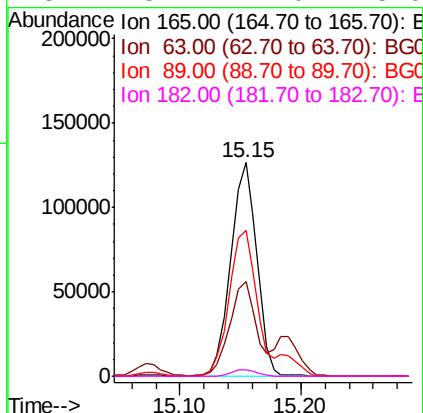
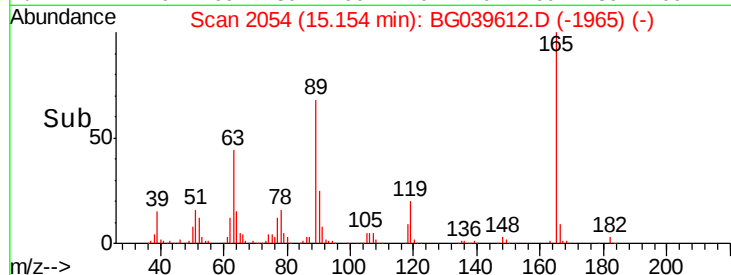
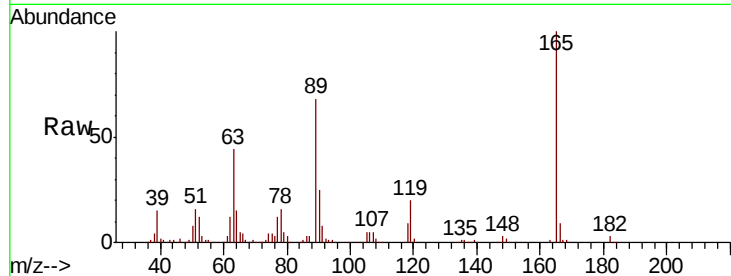
ClientSampleId :

B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	41.0	61.6
89	68.4	64.6	96.8
182	3.2	2.0	3.0#

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#58

Fluorene

Concen: 43.799 ng

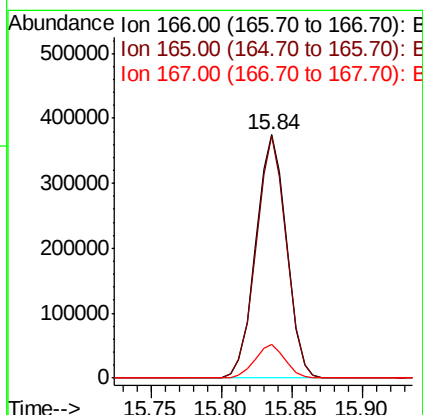
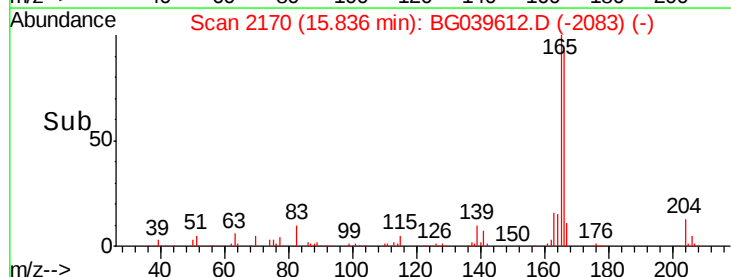
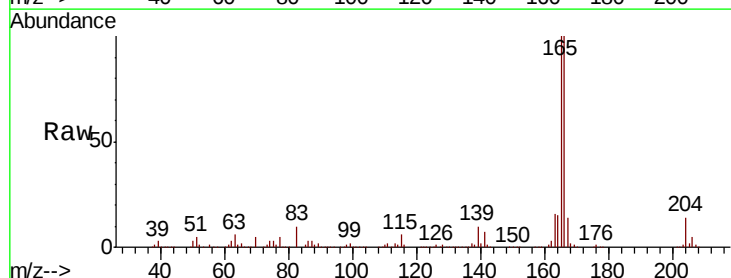
RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	13.7	10.8	16.2





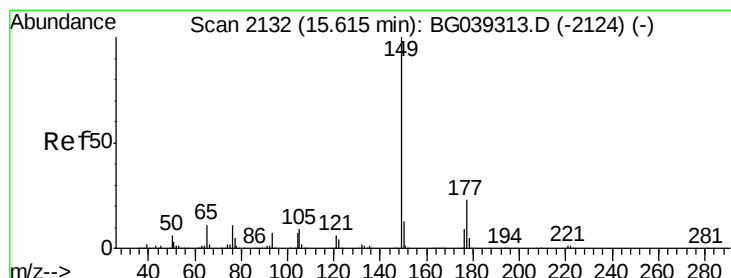
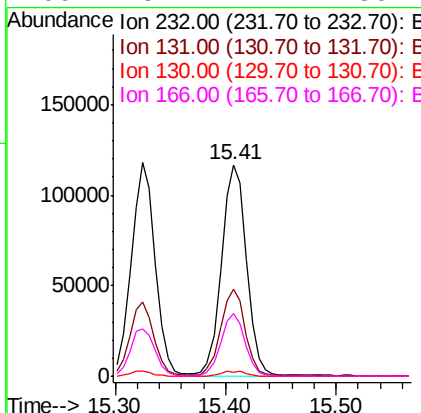
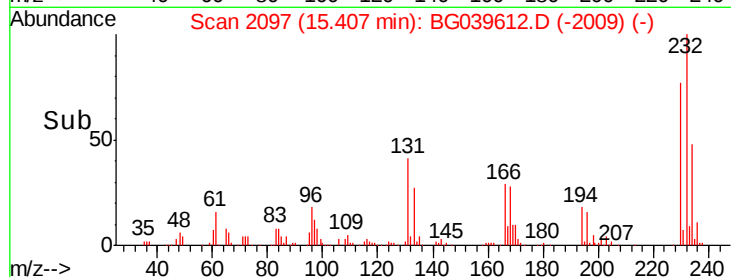
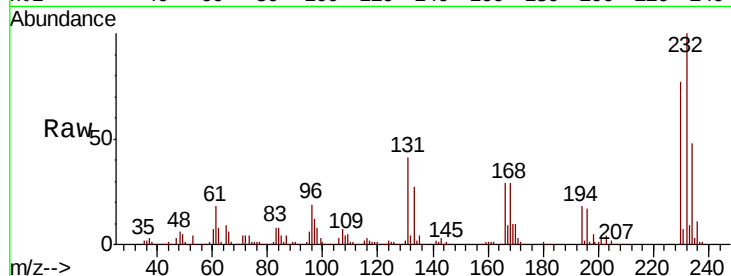
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.926 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		184980		
131	39.7		34.9	52.3	
130	2.3		2.0	3.0	
166	28.4		24.1	36.1	

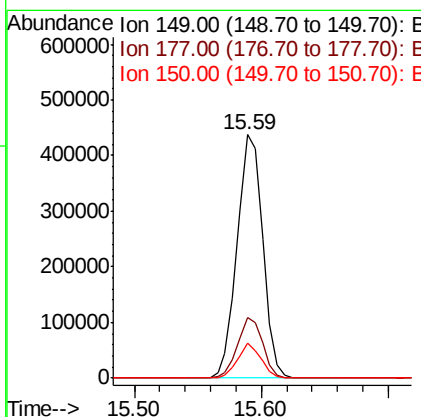
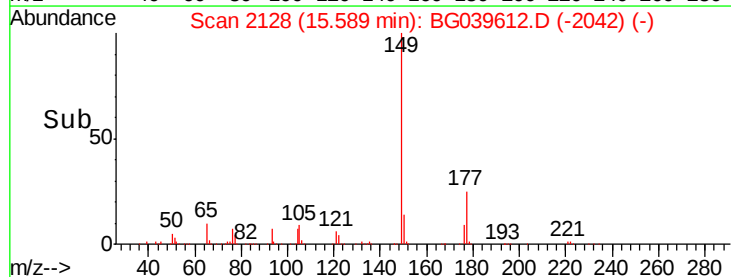
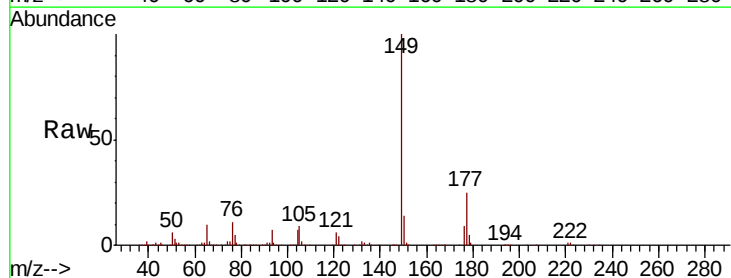
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#60
 Diethylphthalate
 Concen: 40.807 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		608868		
177	25.1		18.3	27.5	
150	14.2		10.2	15.2	





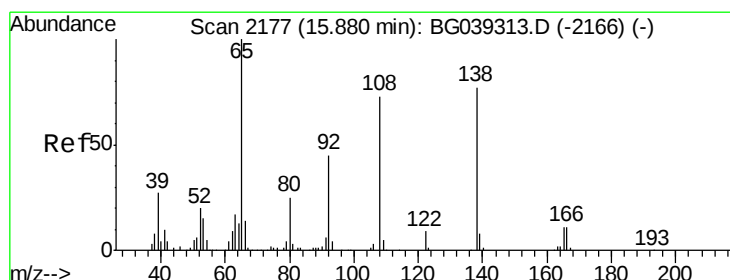
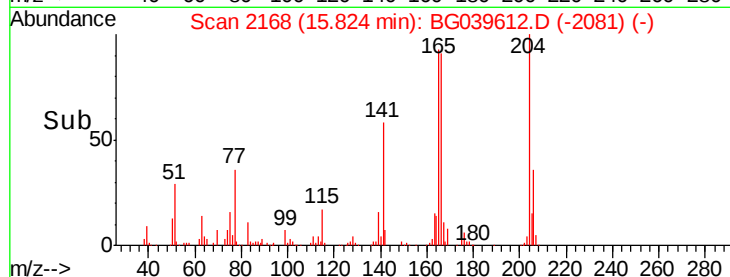
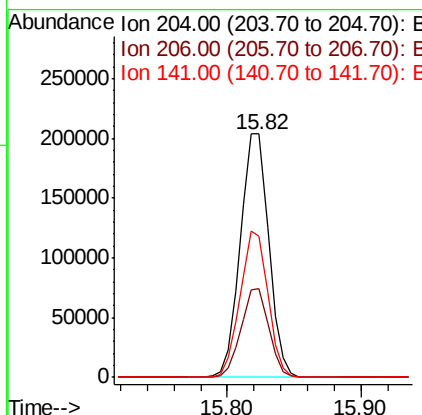
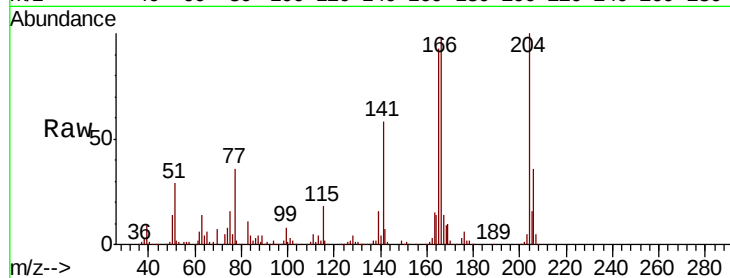
#61
 4-Chlorophenyl-phenylether
 Concen: 40.414 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampled :
 B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	29.2	43.8
141	58.1	49.0	73.4

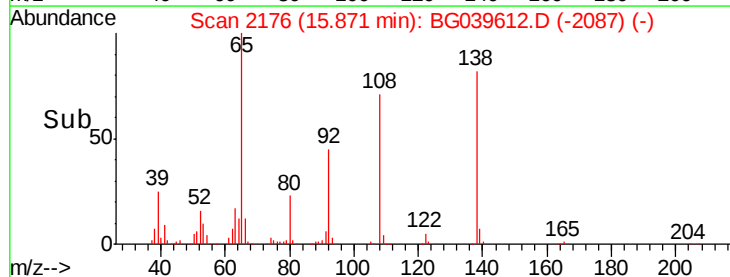
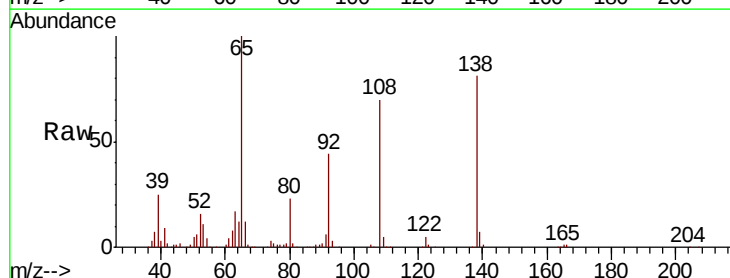
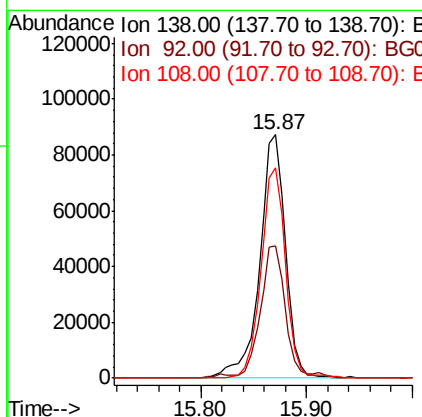
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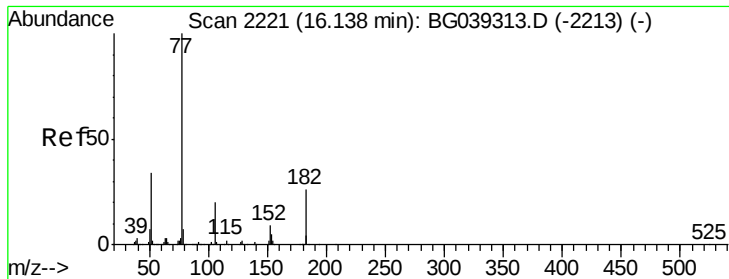
Sohil
 2/27/2019 4:21:50 PM



#62
 4-Nitroaniline
 Concen: 49.031 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	38.7	78.7
108	86.2	74.6	114.6





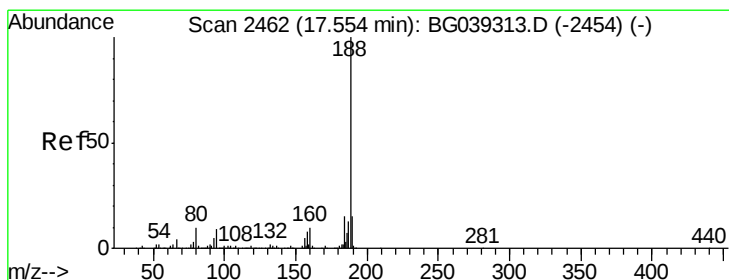
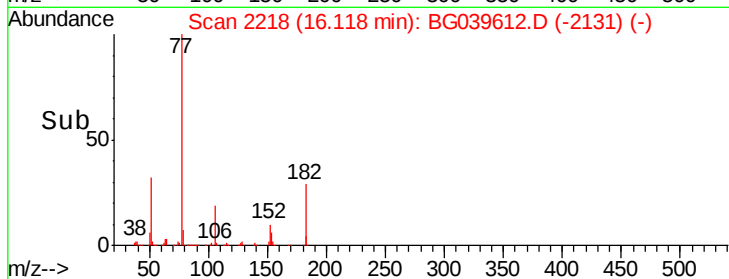
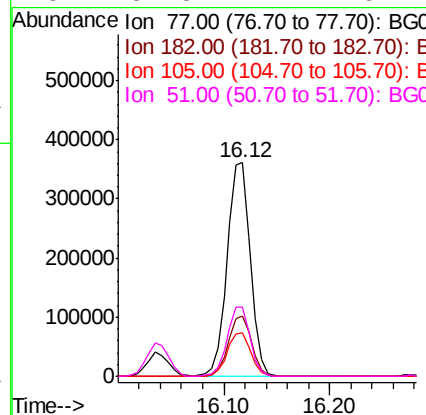
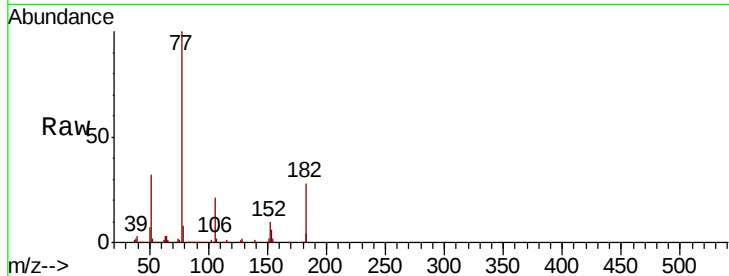
#63
Azobenzene
Concen: 37.474 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.4	46.4
105	20.6	0.0	39.8
51	32.3	14.1	54.1

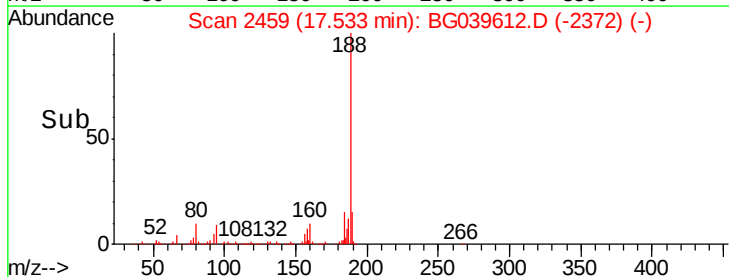
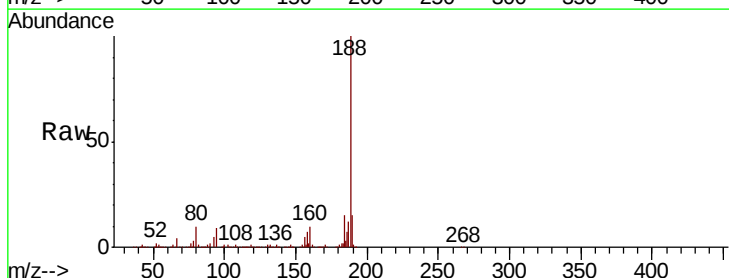
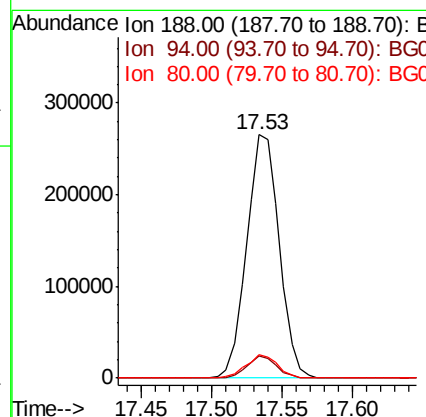
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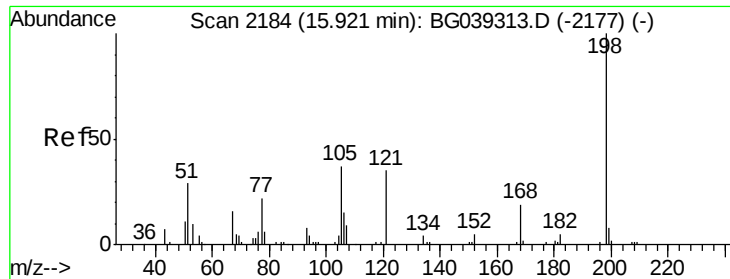
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.9	10.3
80	9.7	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 59.253 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

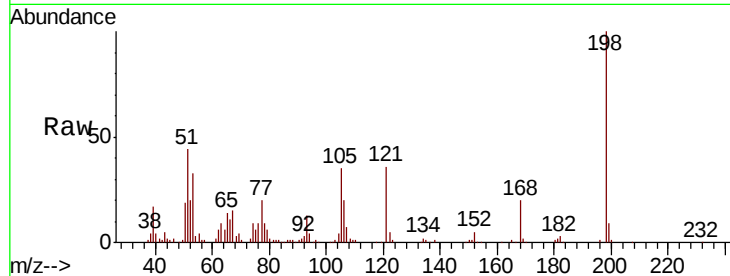
ClientSampleId :

B-4B(14-15)MSD

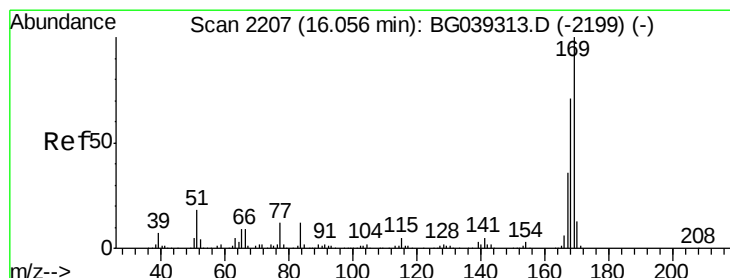
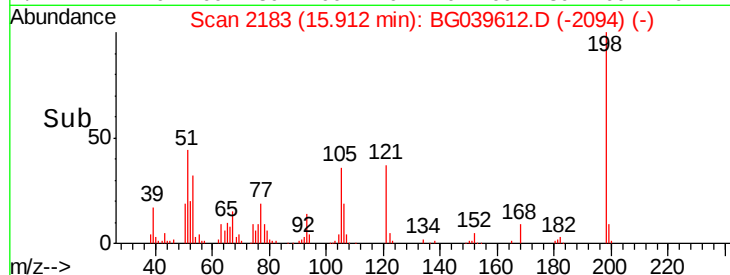
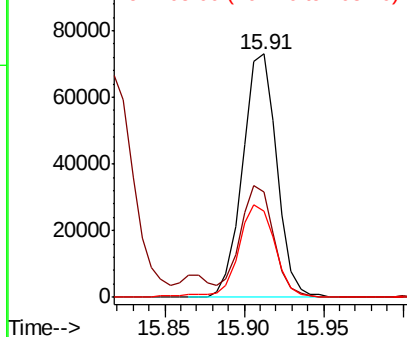
Tot Ion:	198	Resp:	109086
Ion Ratio	Lower	Upper	
198	100		
51	43.5	27.4	67.4
105	35.5	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 40.739 ng

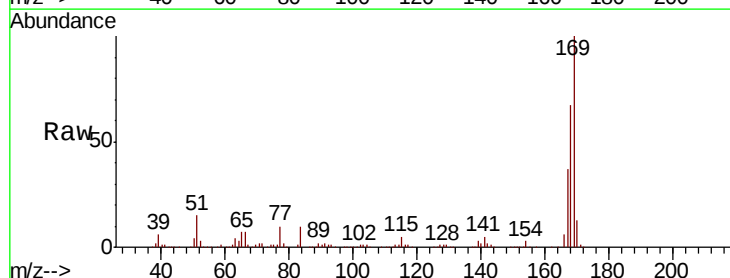
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

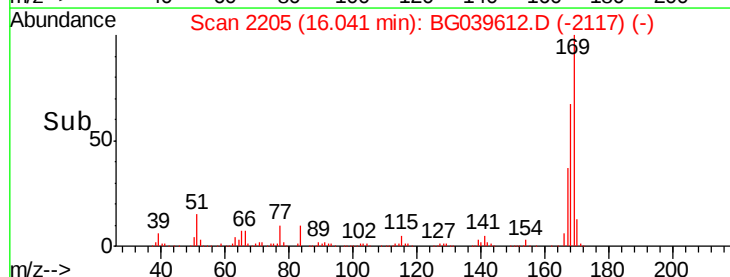
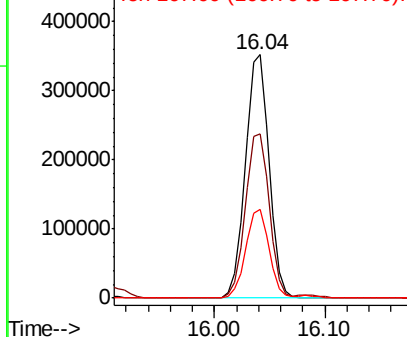
Lab File: BG039612.D

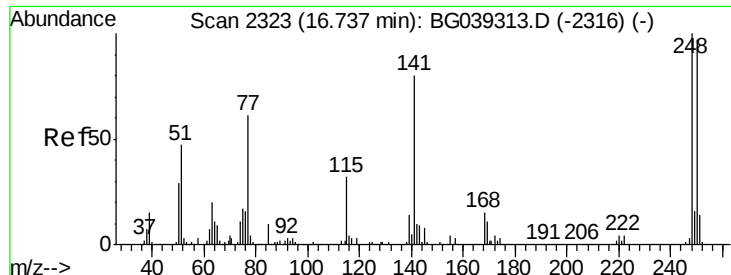
Acq: 26 Feb 2019 22:38

Tgt Ion:	169	Resp:	529548
Ion Ratio	Lower	Upper	
169	100		
168	67.4	56.6	85.0
167	36.5	28.8	43.2



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





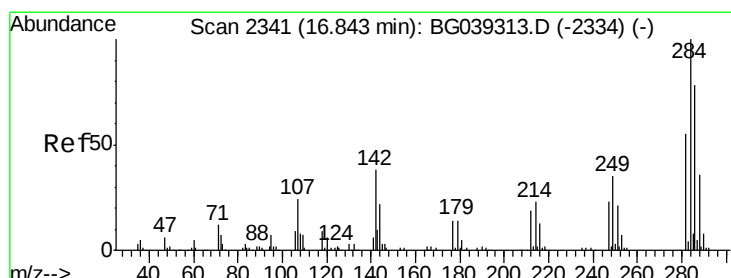
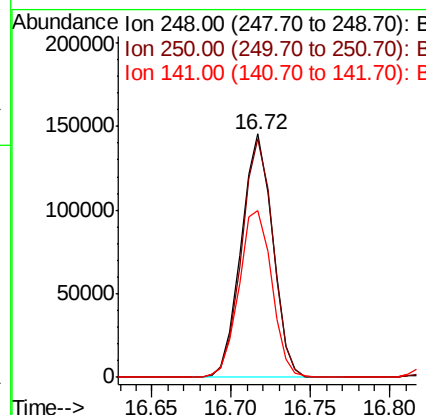
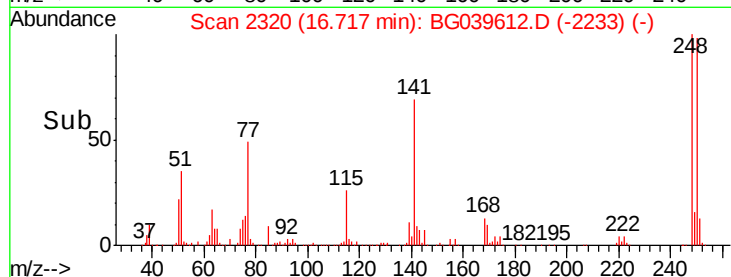
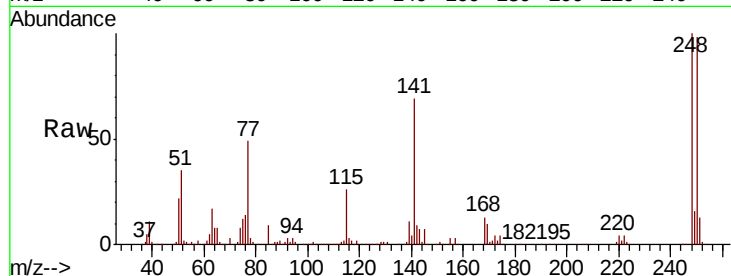
#67
 4-Bromophenyl-phenylether
 Concen: 42.251 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MSD

Tot Ion:	248	Resp:	200376
Ion Ratio	Lower	Upper	
248	100		
250	97.9	77.6	116.4
141	68.6	63.9	95.9

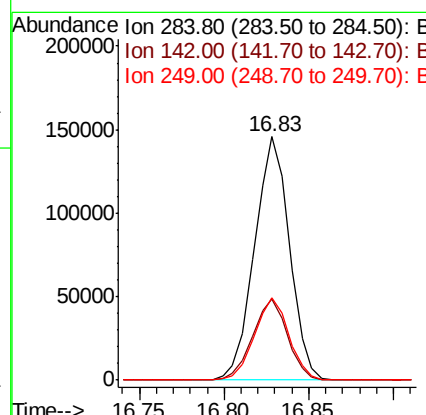
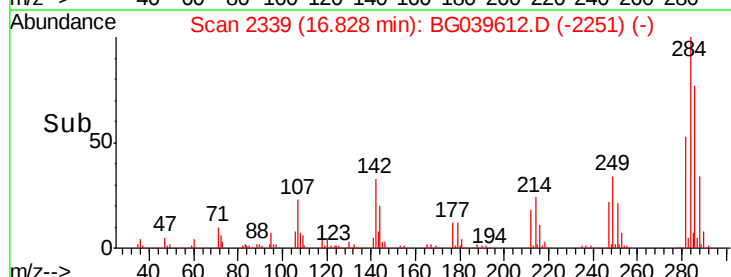
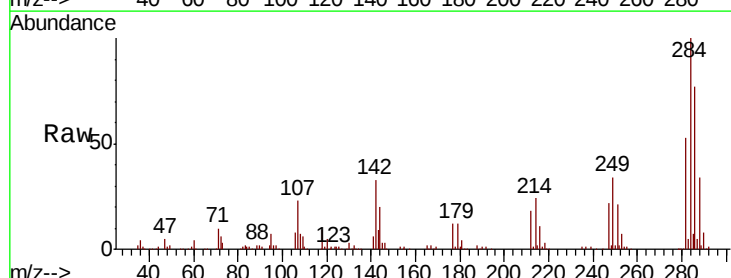
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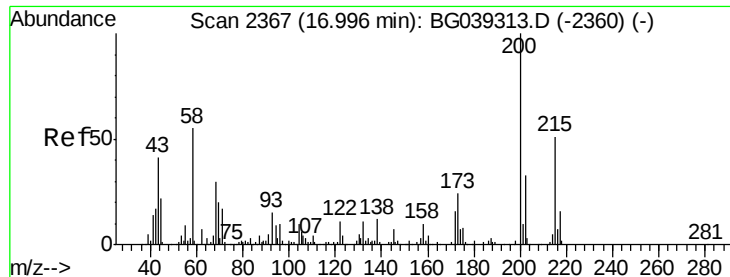
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#68
 Hexachlorobenzene
 Concen: 44.009 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion:	284	Resp:	209403
Ion Ratio	Lower	Upper	
284	100		
142	33.2	30.6	45.8
249	34.1	28.2	42.2





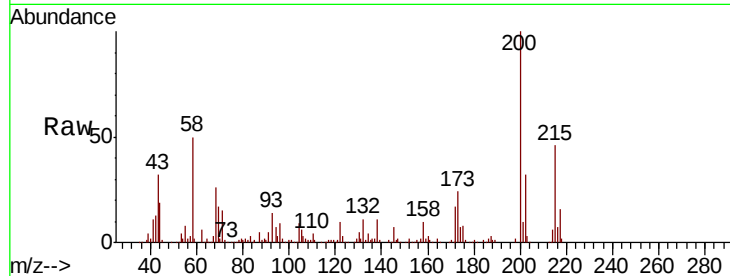
#69
 Atrazine
 Concen: 41.026 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Instrument :
 BNA_G
 ClientSampleId :
 B-4B(14-15)MSD

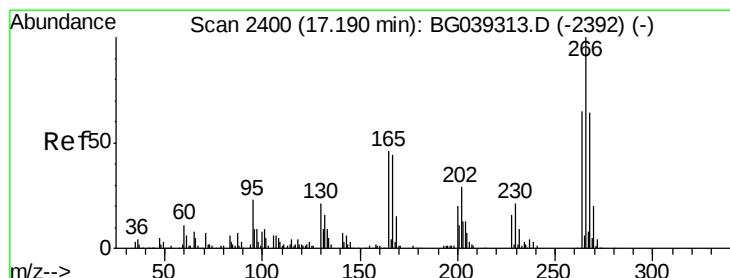
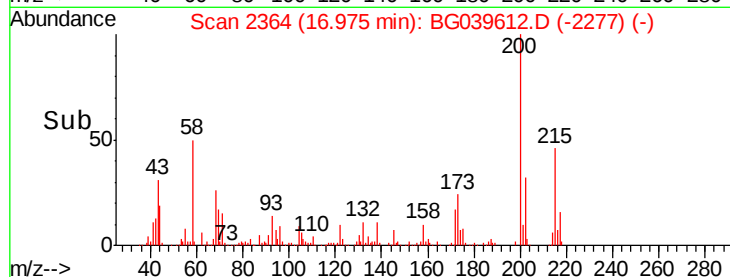
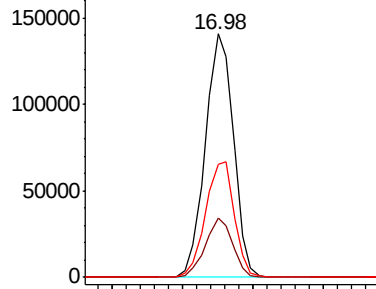
Tot Ion:	200	Resp:	194884
Ion Ratio	Lower	Upper	
200	100		
173	24.2	3.9	43.9
215	46.3	30.9	70.9

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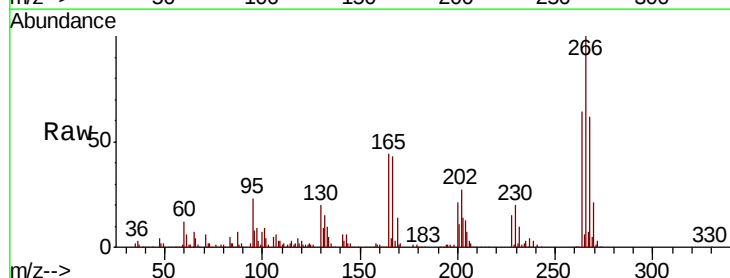


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

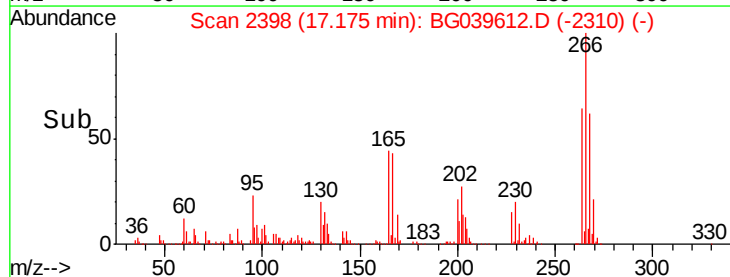
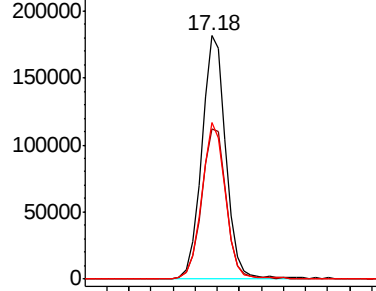


#70
 Pentachlorophenol
 Concen: 83.560 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039612.D
 Acq: 26 Feb 2019 22:38

Tgt Ion:	266	Resp:	276337
Ion Ratio	Lower	Upper	
266	100		
268	61.9	51.1	76.7
264	64.3	52.1	78.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





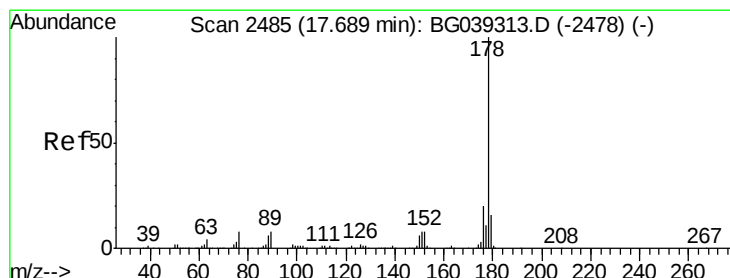
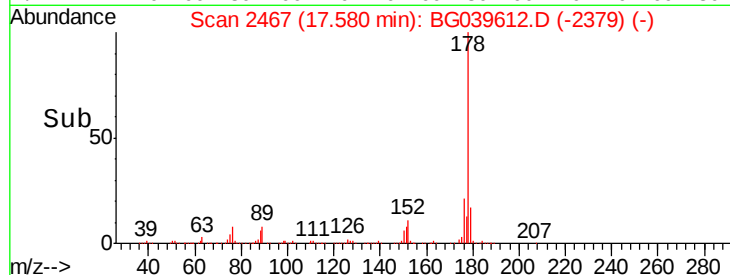
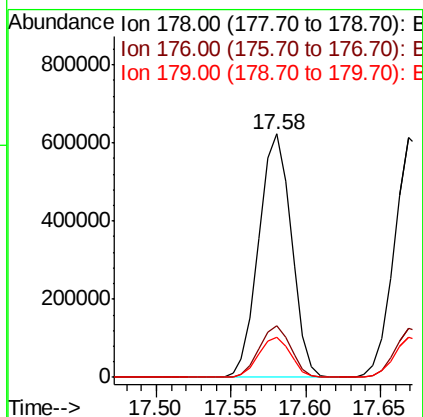
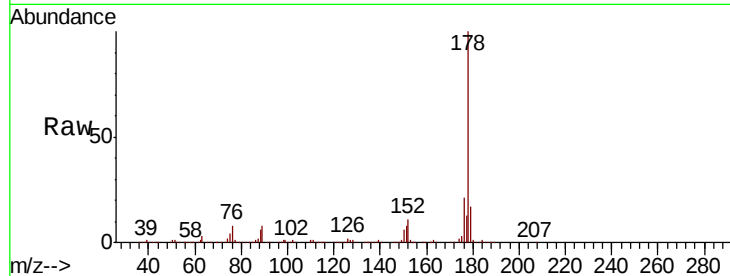
#71
Phenanthrene
Concen: 42.758 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.2	24.4
179	16.6	12.6	19.0

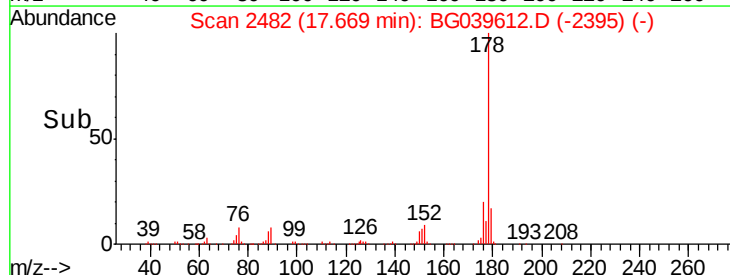
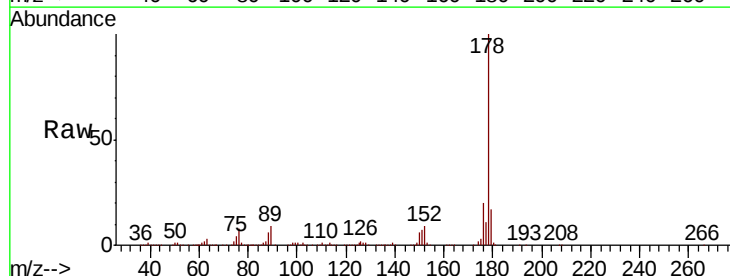
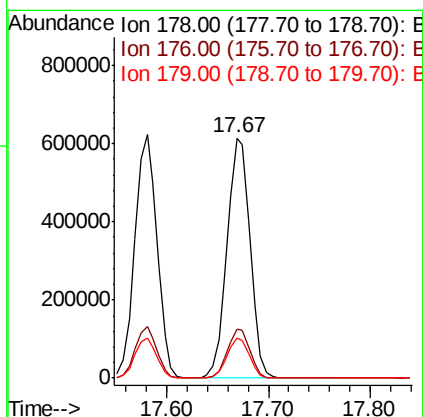
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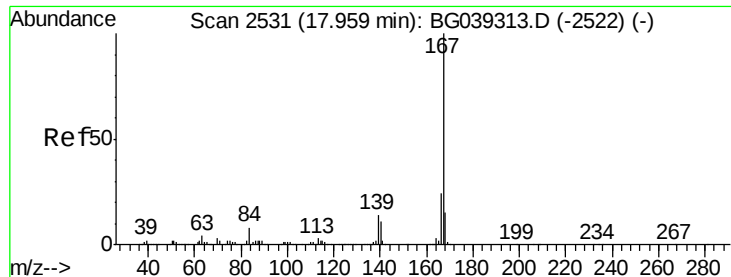
Sohil
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#72
Anthracene
Concen: 44.270 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.6	12.5	18.7





#73

Carbazole

Concen: 39.370 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

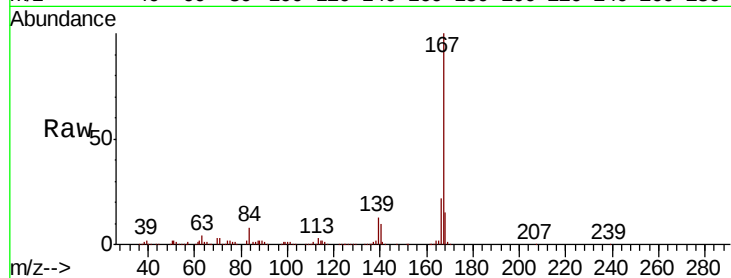
ClientSampleId :

B-4B(14-15)MSD

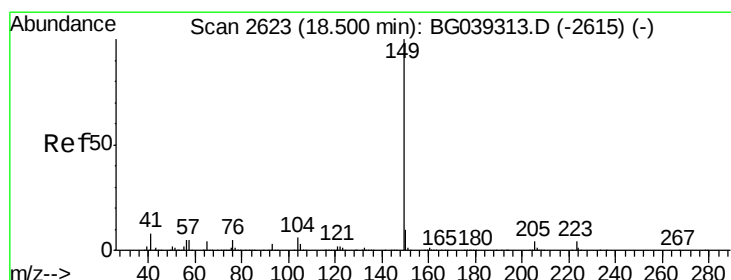
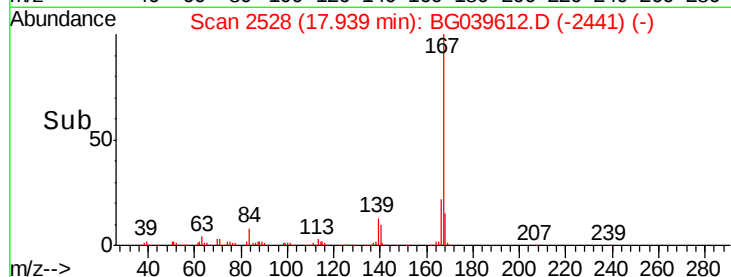
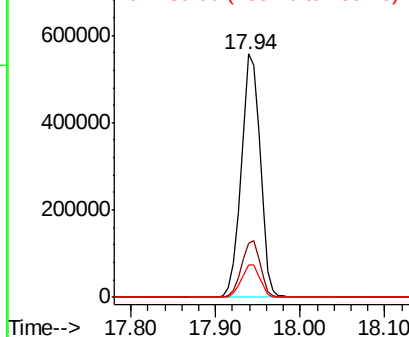
Tot Ion:	167	Resp:	856309
Ion Ratio	Lower	Upper	
167	100		
166	22.5	19.4	29.2
139	13.2	10.8	16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.404 ng

RT: 18.47 min Scan# 2619

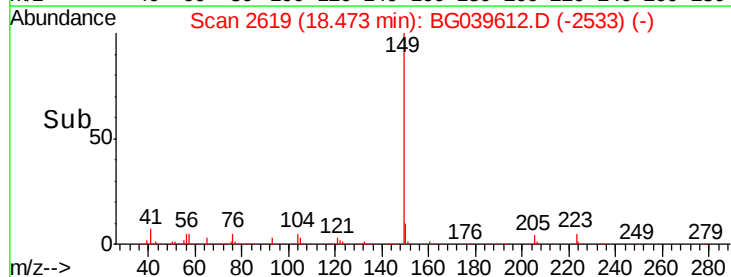
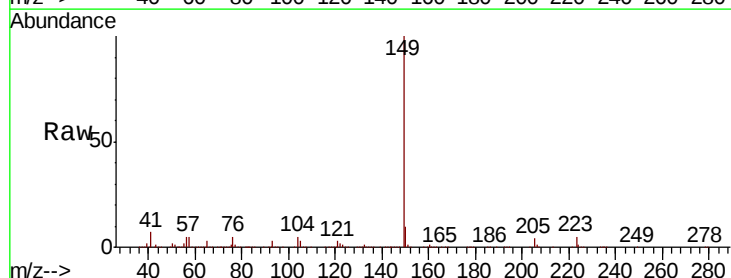
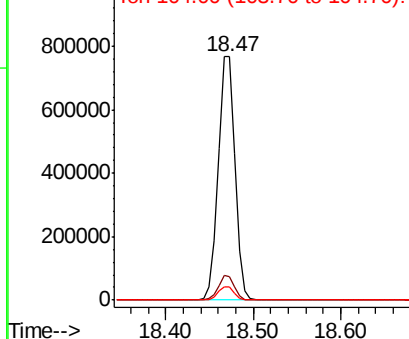
Delta R.T. -0.03 min

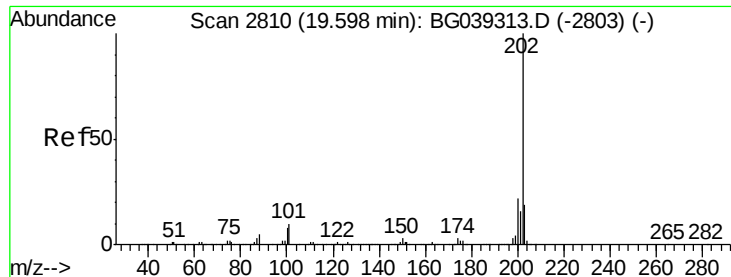
Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	149	Resp:	1025237
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.7	11.5
104	5.5	4.5	6.7

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.698 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

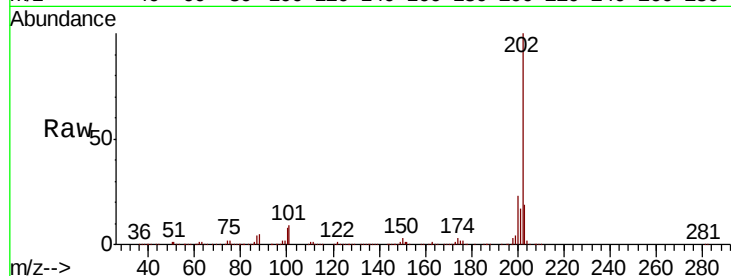
ClientSampled :

B-4B(14-15)MSD

Tot Ion:	202	Resp:	1122227
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.0
203	18.6	0.0	38.9

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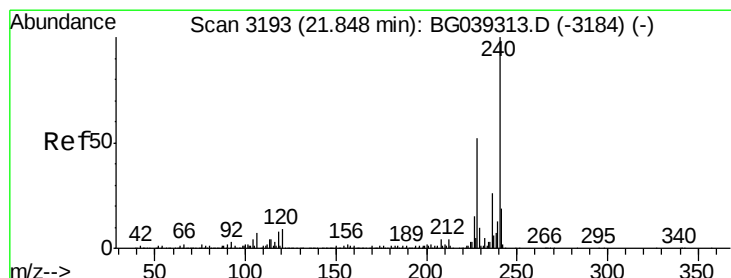
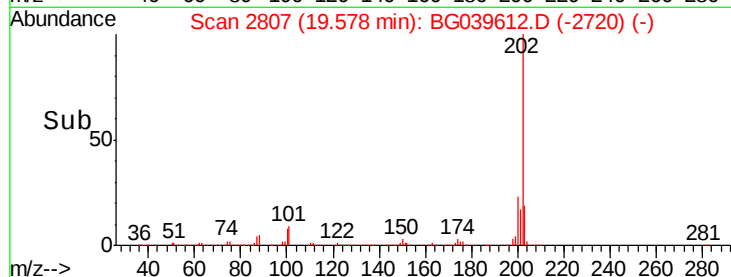
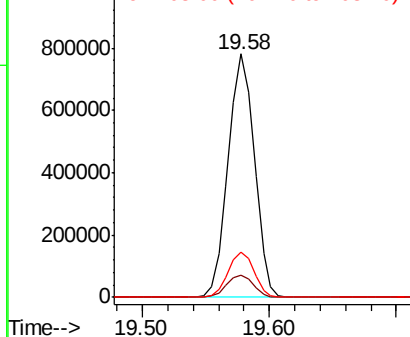


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

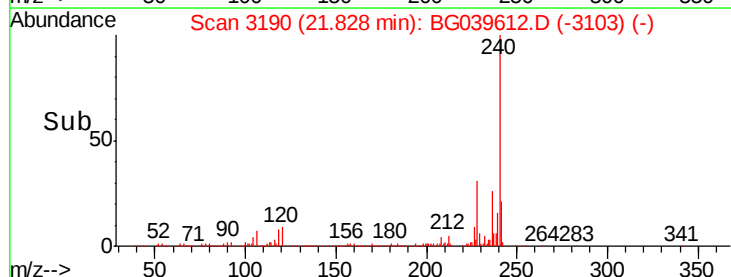
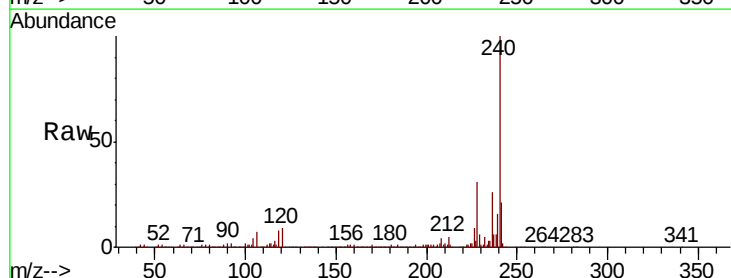
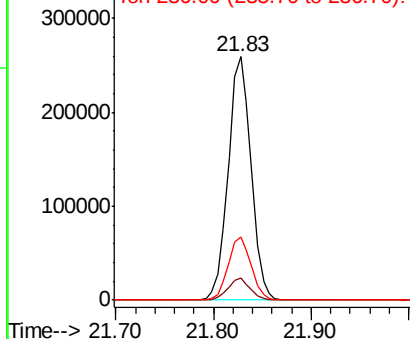
Tgt Ion:	240	Resp:	419217
Ion Ratio	Lower	Upper	
240	100		
120	9.0	7.0	10.6
236	25.9	21.0	31.4

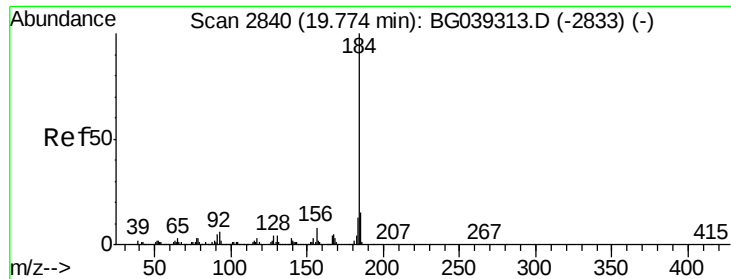
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.365 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

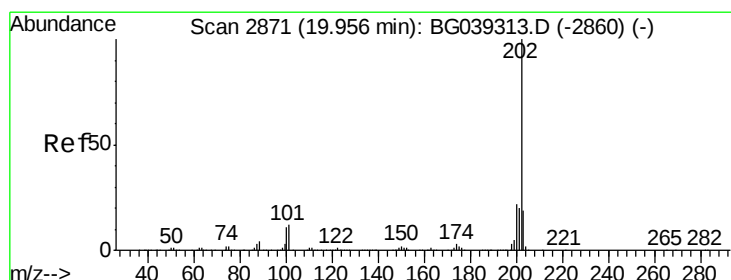
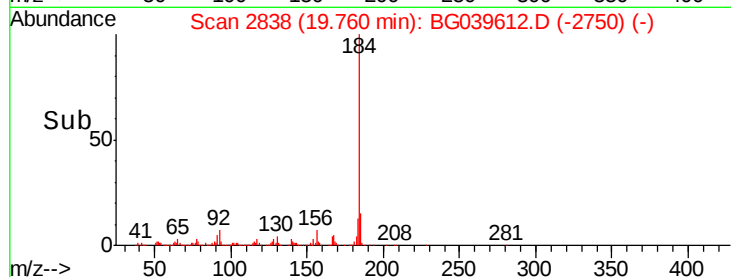
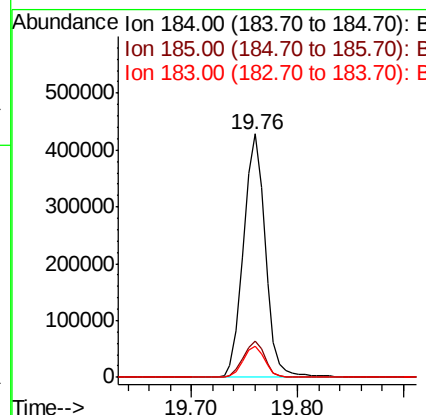
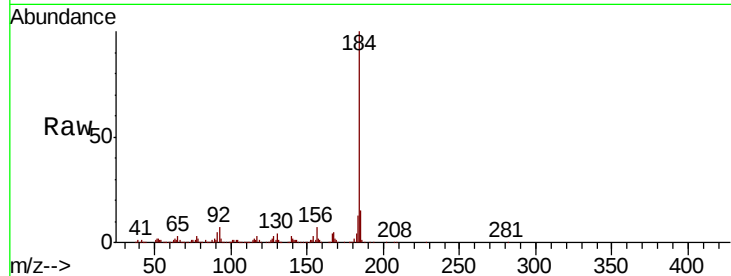
ClientSampleId :

B-4B(14-15)MSD

Tot Ion:	184	Resp:	609766
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.2	18.2
183	12.9	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 42.911 ng

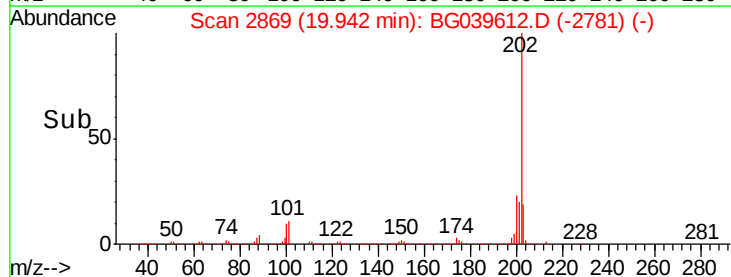
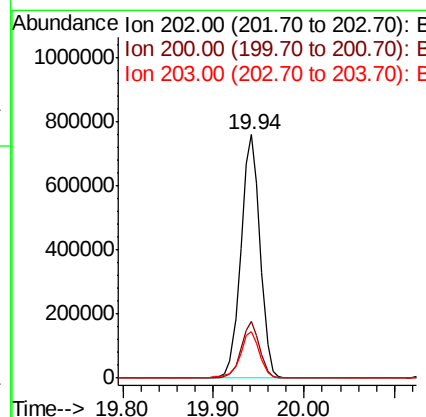
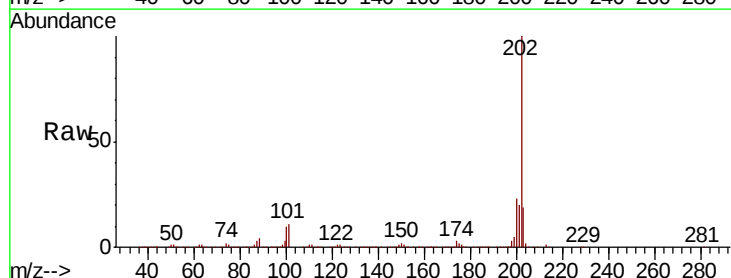
RT: 19.94 min Scan# 2869

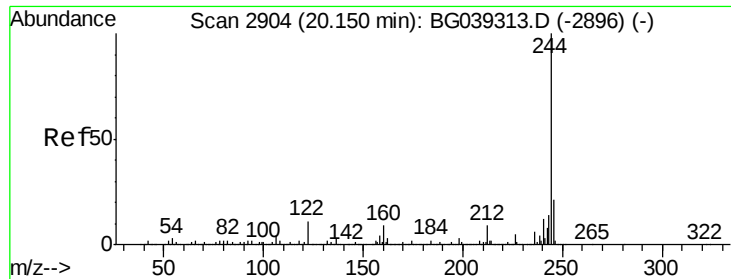
Delta R.T. -0.01 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:	202	Resp:	1119874
Ion Ratio	Lower	Upper	
202	100		
200	23.3	17.8	26.8
203	19.2	15.3	22.9





#79

Terphenyl-d14

Concen: 70.807 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

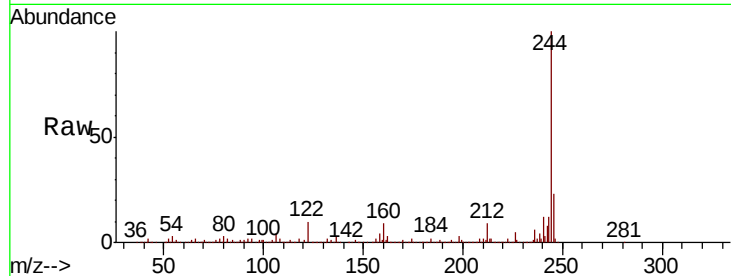
ClientSampled :

B-4B(14-15)MSD

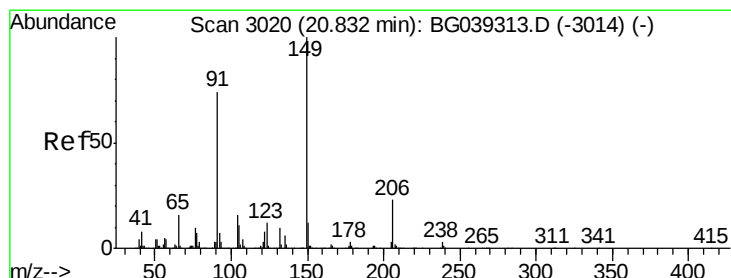
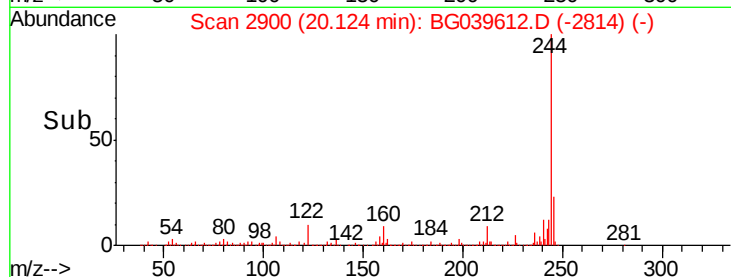
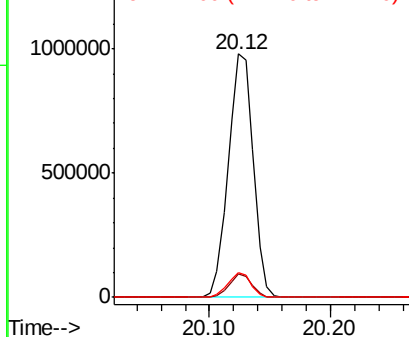
Tot Ion:	244	Resp:	1402364
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.2	8.4	12.6

Manual Integrations
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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: 43.778 ng

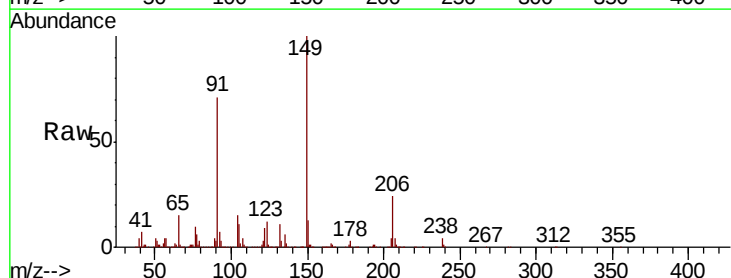
RT: 20.81 min Scan# 3016

Delta R.T. -0.03 min

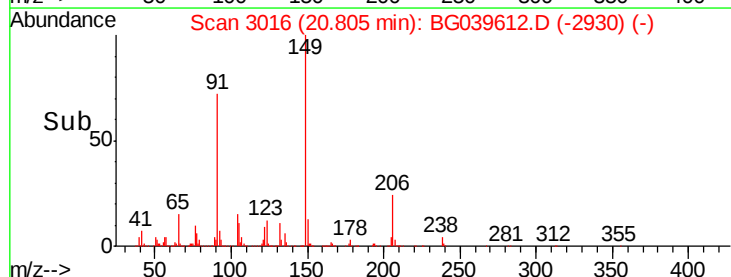
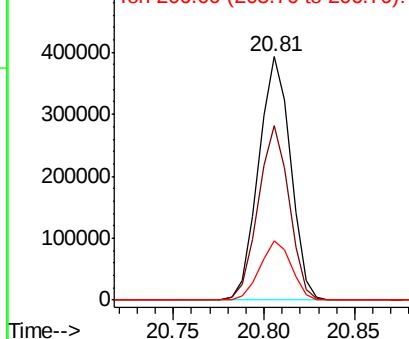
Lab File: BG039612.D

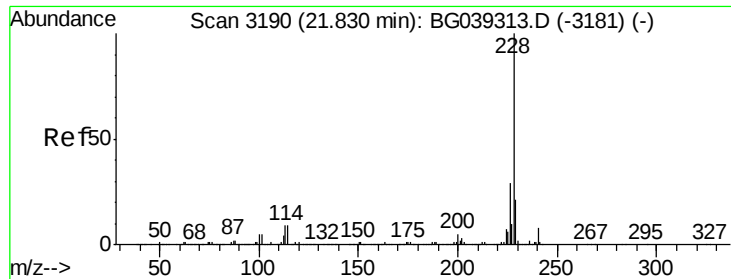
Acq: 26 Feb 2019 22:38

Tgt Ion:	149	Resp:	481950
Ion	Ratio	Lower	Upper
149	100		
91	71.5	59.5	89.3
206	24.1	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





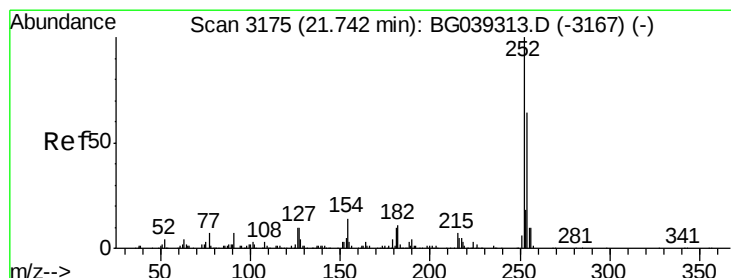
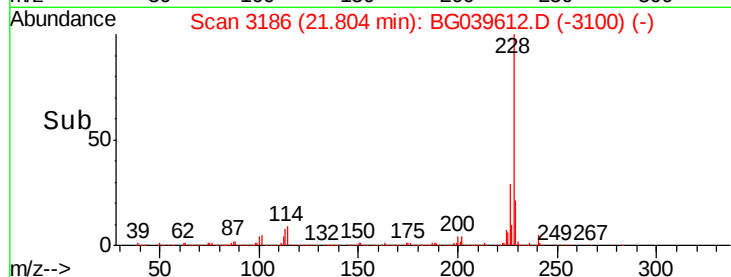
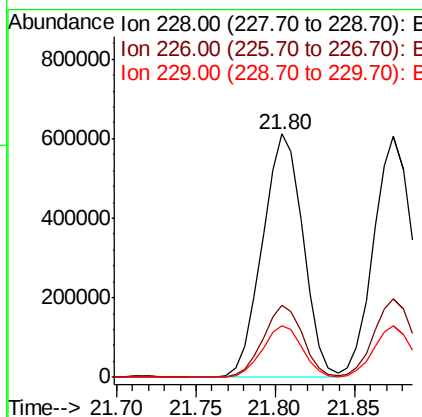
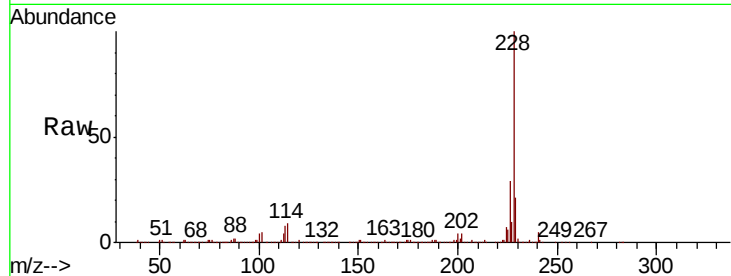
#81
Benzo(a)anthracene
Concen: 44.067 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.6
229	21.4	16.9	25.3

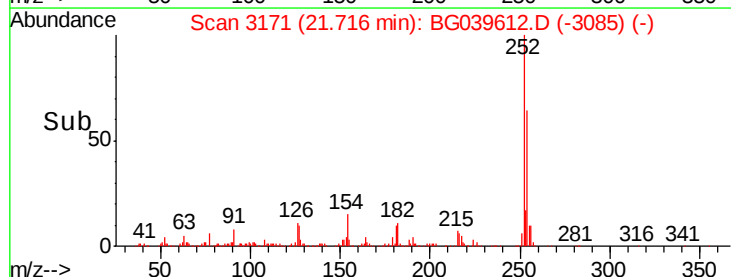
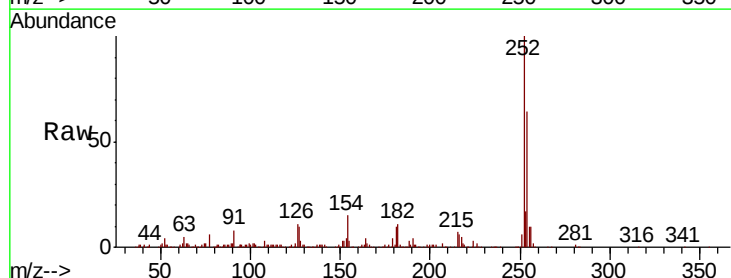
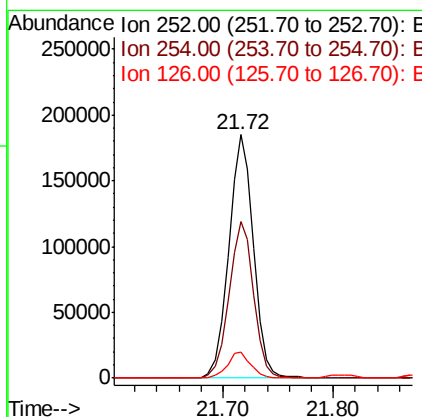
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 31.387 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.3	76.9
126	10.6	8.0	12.0





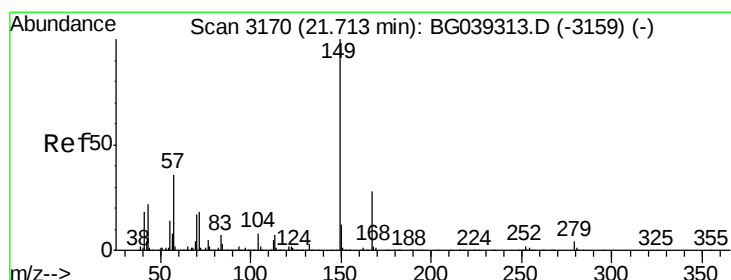
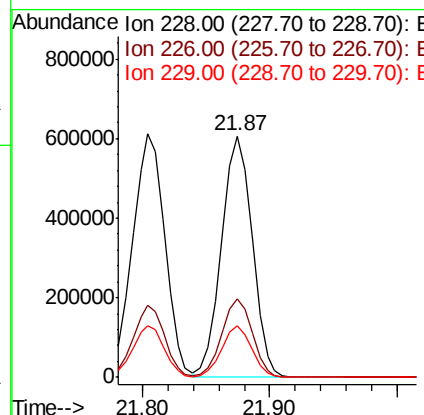
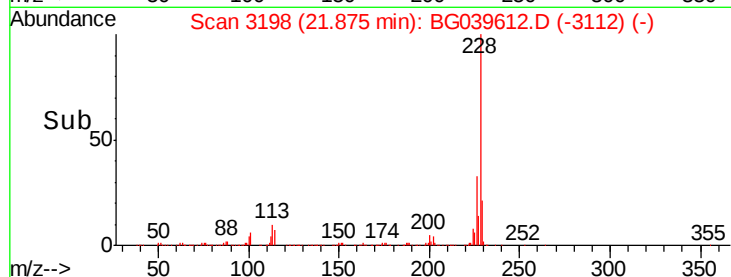
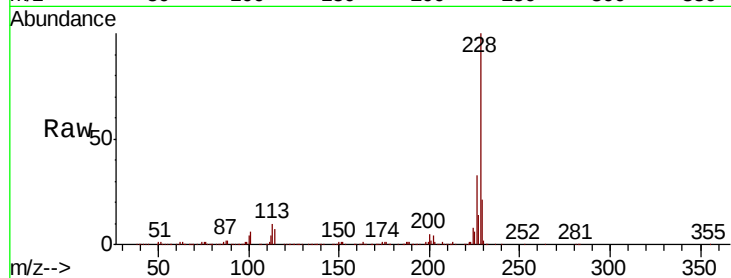
#83
Chrysene
Concen: 43.559 ng
RT: 21.87 min Scan# 3198
Delta R.T. -0.03 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.8	38.6
229	21.4	16.6	25.0

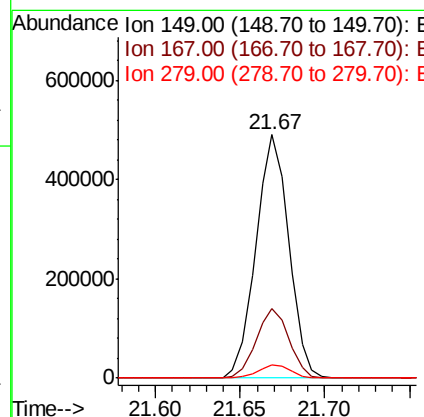
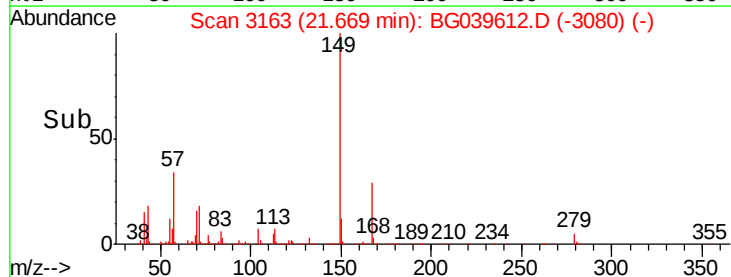
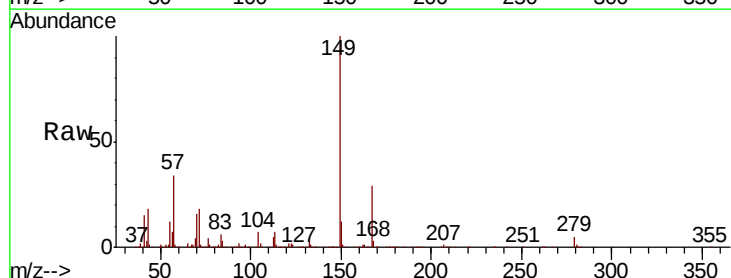
Manual Integrations
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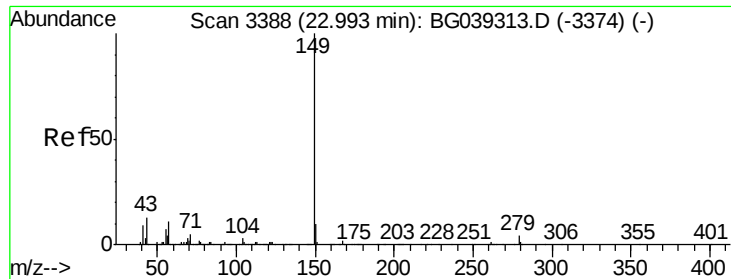
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.267 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	5.2	3.5	5.3





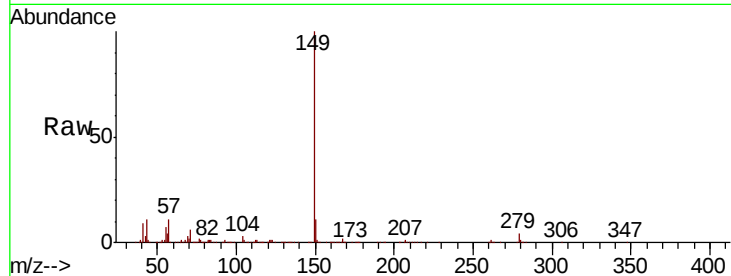
#85
Di-n-octyl phthalate
Concen: 43.906 ng
RT: 22.93 min Scan# 3377
Delta R.T. -0.07 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.9	10.2	15.4

Manual Integrations
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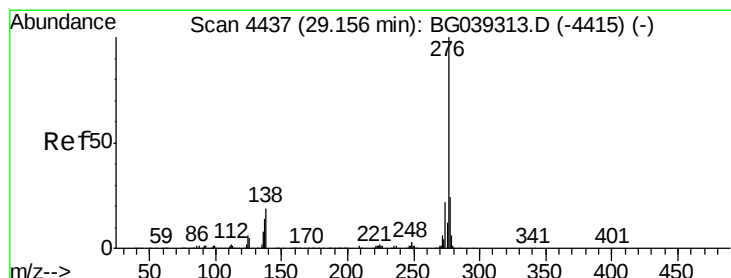
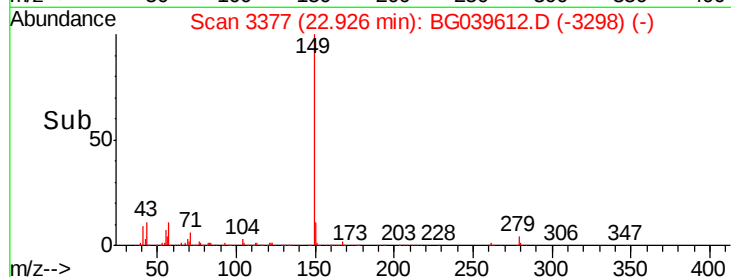
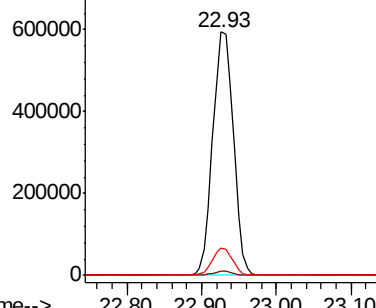


Abundance

Ion 149.00 (148.70 to 149.70): E

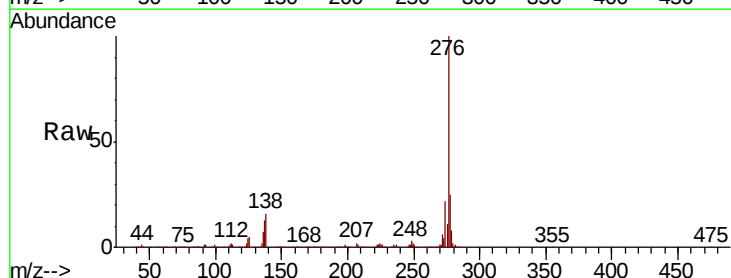
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.514 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.8	12.6	19.0#
277	25.9	20.8	31.2

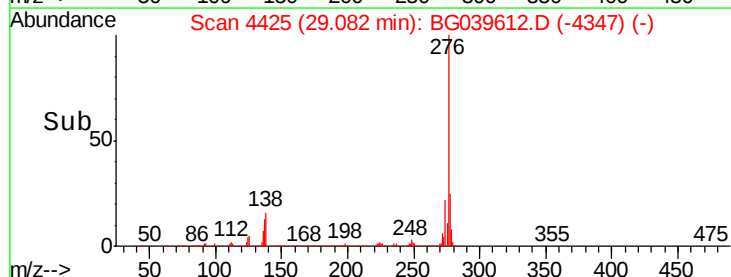
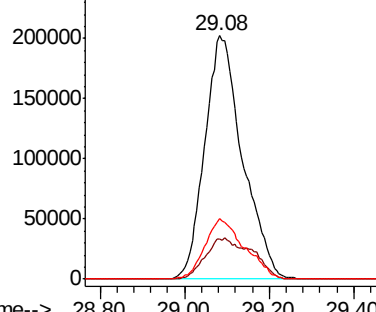


Abundance

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





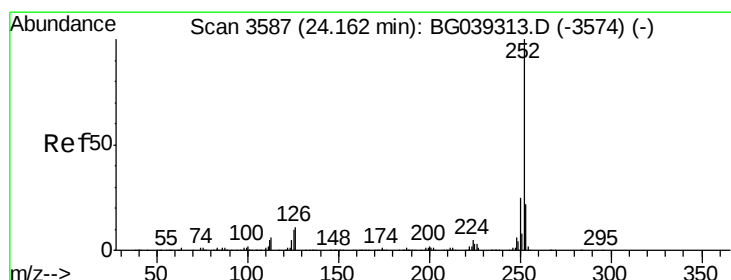
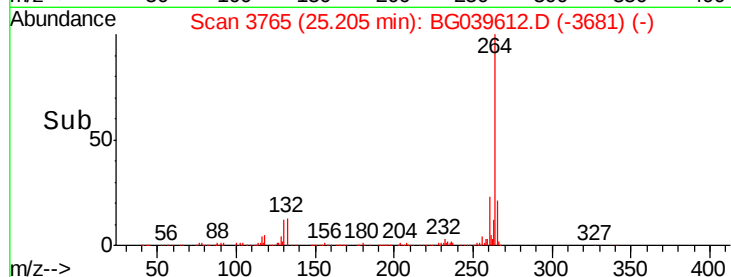
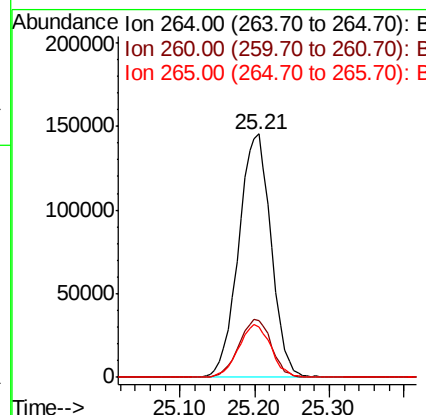
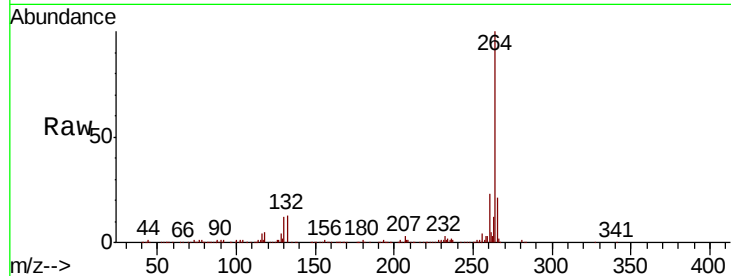
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.9	18.5	27.7

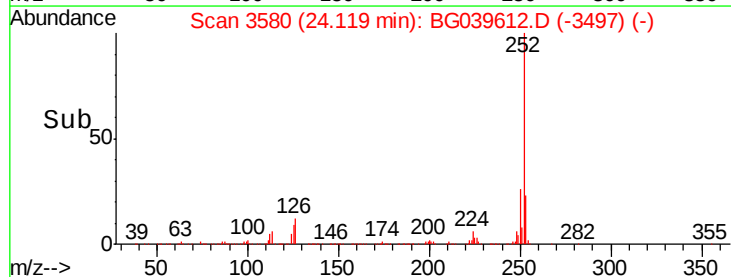
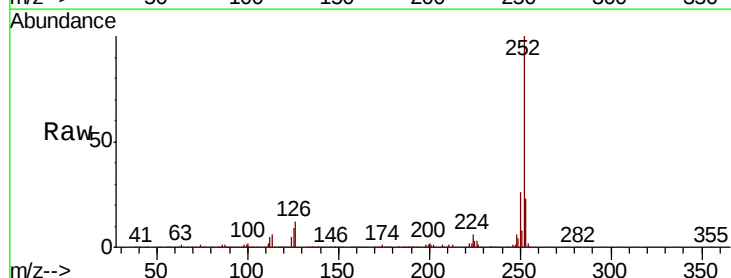
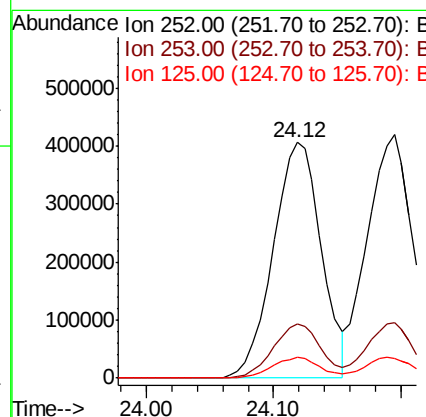
Manual Integrations
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2/27/2019 4:21:50 PM



#88
Benzo(b)fluoranthene
Concen: 44.829 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.04 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	8.8	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 43.799 ng

RT: 24.19 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Instrument :

BNA_G

ClientSampleId :

B-4B(14-15)MSD

Tot Ion:252 Resp: 1052179

Ion Ratio Lower Upper

252 100

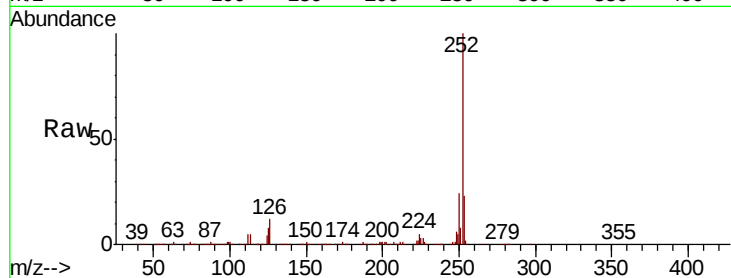
253 22.8 18.2 27.2

125 8.2 7.4 11.2

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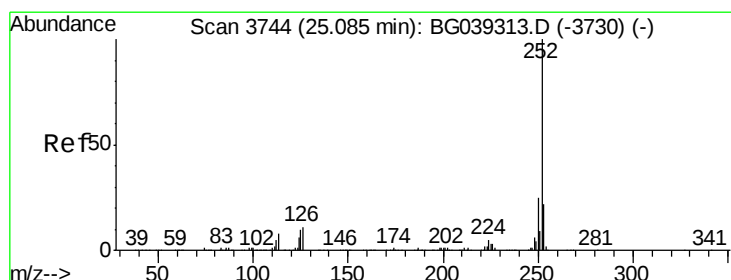
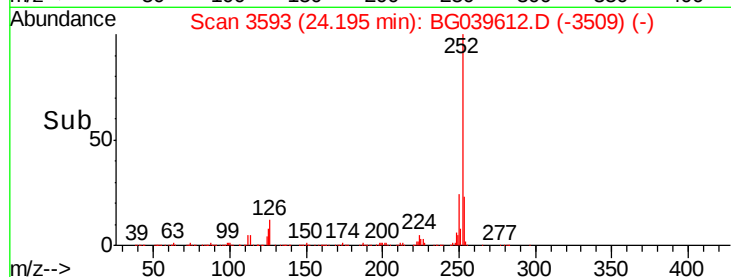
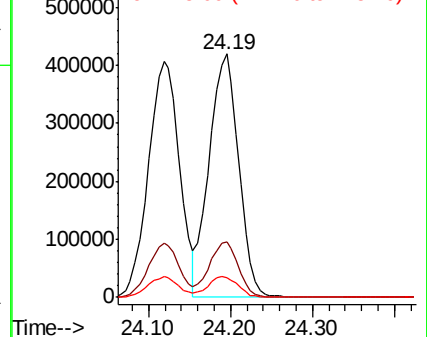
2/27/2019 4:21:50 PM



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



#90

Benzo(a)pyrene

Concen: 45.772 ng

RT: 25.04 min Scan# 3737

Delta R.T. -0.04 min

Lab File: BG039612.D

Acq: 26 Feb 2019 22:38

Tgt Ion:252 Resp: 1054785

Ion Ratio Lower Upper

252 100

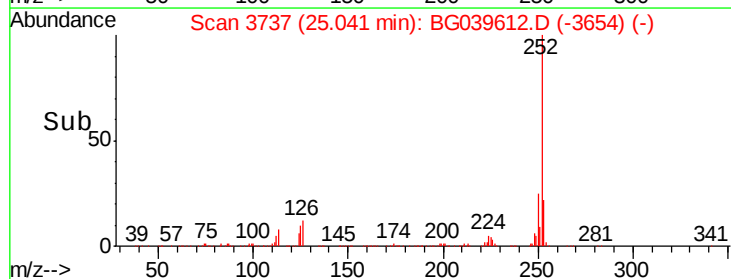
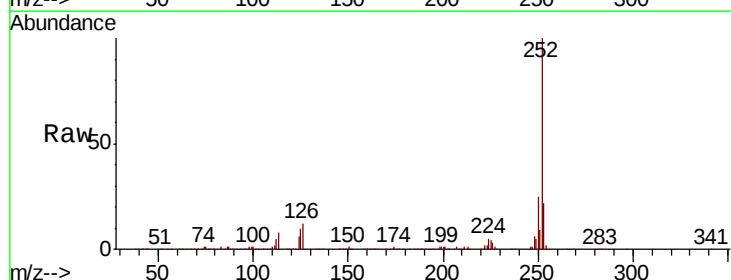
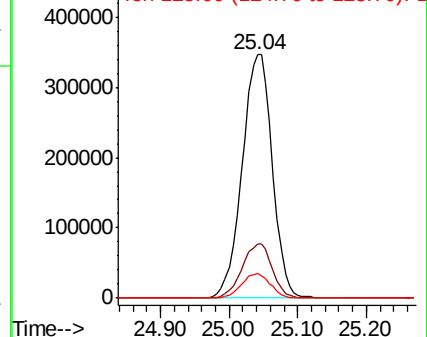
253 22.5 17.9 26.9

125 10.3 8.3 12.5

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





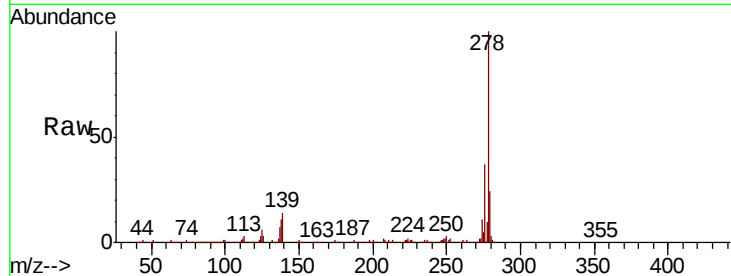
#91
Dibenzo(a,h)anthracene
Concen: 46.536 ng
RT: 29.15 min Scan# 4437
Delta R.T. -0.08 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	24.1	19.1	28.7

Manual Integrations
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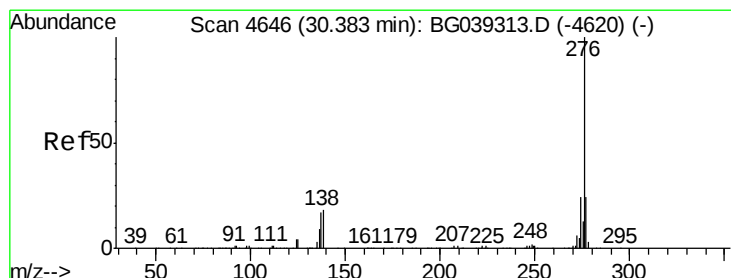
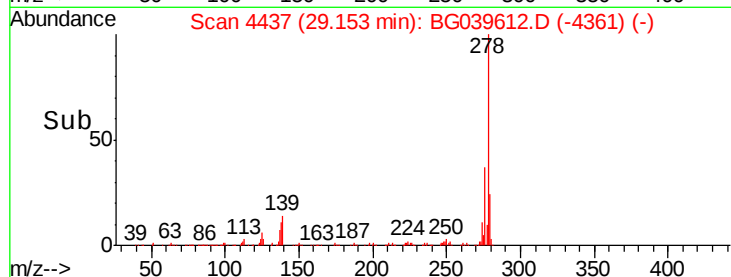
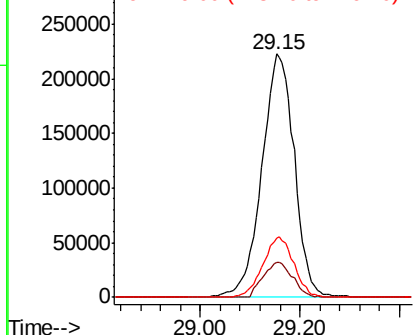


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.056 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.07 min
Lab File: BG039612.D
Acq: 26 Feb 2019 22:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.6	29.4
138	16.5	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

