

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039434.D
 Acq On : 11 Feb 2019 14:56
 Operator : JU/SJ
 Sample : K1404-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

Manual Integrations
 APPROVED

Sohil
 2/12/2019 12:07:33 PM

Quant Time: Feb 12 03:05:04 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	51636	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	243230	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	171902	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	405085	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	399369	20.00	ng	-0.02
87) Perylene-d12	25.21	264	413361	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	383841	127.23	ng	0.00
7) Phenol-d6	7.31	99	576975	129.92	ng	-0.01
23) Nitrobenzene-d5	9.35	82	328823	84.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	230305	124.42	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	791878	66.08	ng	-0.02
79) Terphenyl-d14	20.13	244	1236809	65.55	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.60	88	40382	30.599 ng	98
3) Pyridine	4.00	79	110425	31.604 ng	96
4) n-Nitrosodimethylamine	3.93	42	63073	36.095 ng	87
6) Aniline	7.50	93	79953	14.373 ng	97
8) 2-Chlorophenol	7.73	128	147962	44.866 ng	98
9) Benzaldehyde	7.31	77	70602	29.475 ng	97
10) Phenol	7.34	94	221660	47.882 ng	95
11) bis(2-Chloroethyl)ether	7.58	93	135217	36.965 ng	95
12) 1,3-Dichlorobenzene	8.06	146	142938	35.778 ng	97
13) 1,4-Dichlorobenzene	8.21	146	145517	36.544 ng	100
14) 1,2-Dichlorobenzene	8.52	146	142351	36.928 ng	99
15) Benzyl Alcohol	8.41	79	142920	40.992 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	262590	31.788 ng	98
17) 2-Methylphenol	8.60	107	133232	44.474 ng	96
18) Hexachloroethane	9.26	117	49683	36.266 ng	99
19) n-Nitroso-di-n-propylamine	8.98	70	120517	38.235 ng	90
20) 3+4-Methylphenols	8.93	107	186722	45.262 ng	96
22) Acetophenone	9.00	105	225957	34.584 ng	# 93
24) Nitrobenzene	9.39	77	173364	41.216 ng	94
25) Isophorone	9.91	82	339599	39.361 ng	96
26) 2-Nitrophenol	10.10	139	82480	49.581 ng	97
27) 2,4-Dimethylphenol	10.14	122	156852	44.941 ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	207910	39.123 ng	95
29) 2,4-Dichlorophenol	10.63	162	168032	44.051 ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	156601	36.567 ng	99
31) Naphthalene	11.04	128	463573	38.418 ng	99
32) Benzoic acid	10.19	122	3644m	10.316 ng	
33) 4-Chloroaniline	11.15	127	61047	10.911 ng	95
34) Hexachlorobutadiene	11.31	225	97795	34.338 ng	95
35) Caprolactam	11.93	113	59805m	37.888 ng	
36) 4-Chloro-3-methylphenol	12.25	107	185357	42.017 ng	96
37) 2-Methylnaphthalene	12.64	142	356947	39.940 ng	99
38) 1-Methylnaphthalene	12.85	142	340792	39.558 ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	194204	35.507 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	233127	78.221	nq	98
43) 2,4,6-Trichlorophenol	13.23	196	143039	42.535	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	155148	44.019	nq	98
46) 1,1'-Biphenyl	13.64	154	492023	34.401	nq	100
47) 2-Chloronaphthalene	13.68	162	378661	35.193	nq	97
48) 2-Nitroaniline	13.88	65	131804	43.569	nq	95
49) Acenaphthylene	14.52	152	612624	37.734	nq	99
50) Dimethylphthalate	14.25	163	593750	42.767	nq	99
51) 2,6-Dinitrotoluene	14.37	165	112680	44.051	nq	97
52) Acenaphthene	14.86	154	375154	35.598	nq	98
53) 3-Nitroaniline	14.70	138	46400	20.365	nq	# 92
54) 2,4-Dinitrophenol	14.90	184	55805	56.795	nq	96
55) Dibenzofuran	15.19	168	602822	35.676	nq	98
56) 4-Nitrophenol	14.99	139	211590	83.980	nq	88
57) 2,4-Dinitrotoluene	15.16	165	161789	48.567	nq	85
58) Fluorene	15.84	166	481588	38.233	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153009	46.365	nq	97
60) Diethylphthalate	15.60	149	516919	36.011	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	254964	35.748	nq	95
62) 4-Nitroaniline	15.87	138	116516	40.720	nq	94
63) Azobenzene	16.12	77	453096	32.294	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	85174	51.740	nq	95
66) n-Nitrosodiphenylamine	16.04	169	447698	36.347	nq	98
67) 4-Bromophenyl-phenylether	16.72	248	164317	36.564	nq	95
68) Hexachlorobenzene	16.83	284	172852	38.337	nq	94
69) Atrazine	16.98	200	179693	39.921	nq	94
70) Pentachlorophenol	17.18	266	231484	73.869	nq	97
71) Phenanthrene	17.58	178	795299	37.933	nq	99
72) Anthracene	17.68	178	806251	39.041	nq	99
73) Carbazole	17.94	167	725871	35.219	nq	99
74) Di-n-butylphthalate	18.48	149	844735	35.133	nq	99
75) Fluoranthene	19.58	202	928123	38.139	nq	99
77) Benzidine	19.76	184	259342	19.807	nq	100
78) Pyrene	19.94	202	928097	37.330	nq	98
80) Butylbenzylphthalate	20.81	149	391385	37.319	nq	96
81) Benzo(a)anthracene	21.81	228	907377	38.451	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	181634	20.758	nq	98
83) Chrysene	21.88	228	833654	37.110	nq	100
84) Bis(2-ethylhexyl)phthalate	21.68	149	557664	37.272	nq	99
85) Di-n-octyl phthalate	22.95	149	943738	38.179	nq	96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1014383	42.087	nq	99
88) Benzo(b)fluoranthene	24.13	252	868327	38.519	nq	98
89) Benzo(k)fluoranthene	24.20	252	858522	37.933	nq	99
90) Benzo(a)pyrene	25.05	252	863018	39.751	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	817694	40.217	nq	97
92) Benzo(g,h,i)perylene	30.33	276	823116	40.617	nq	99

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

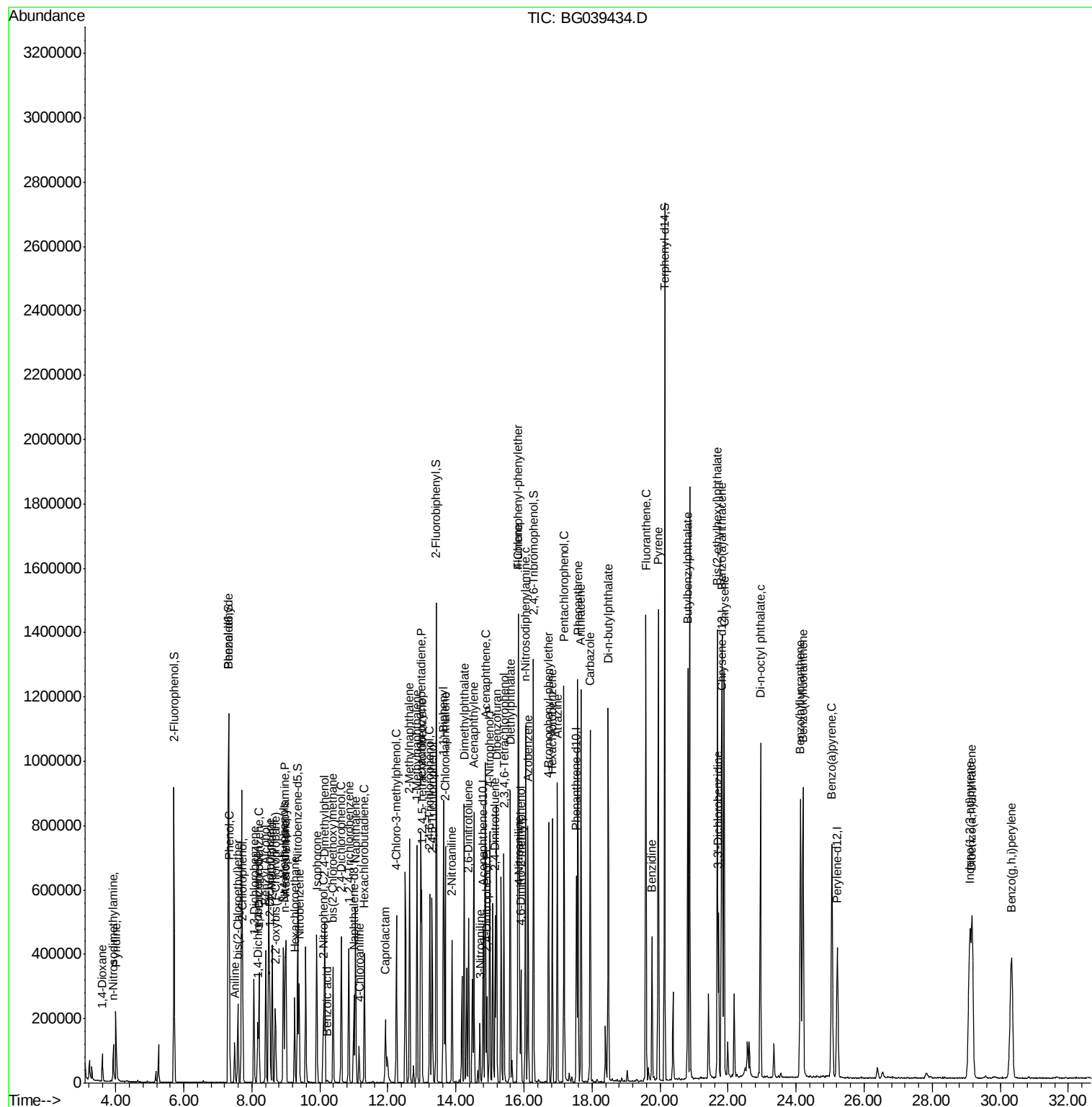
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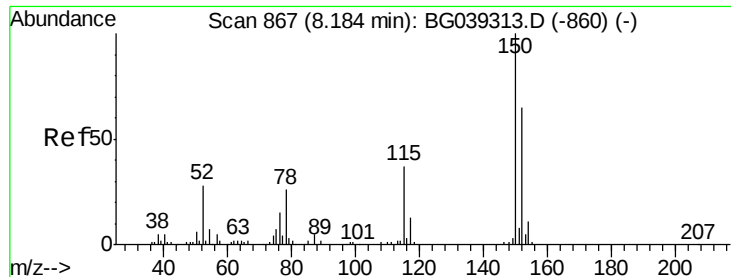
Instrument :
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 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

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#1

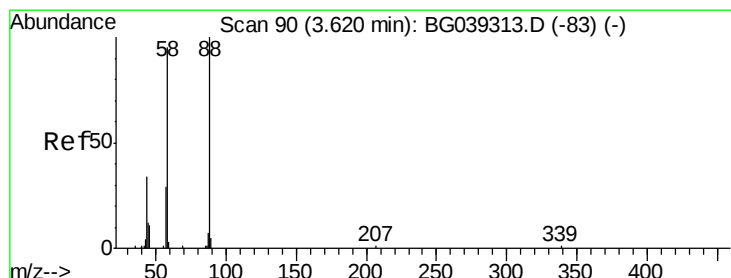
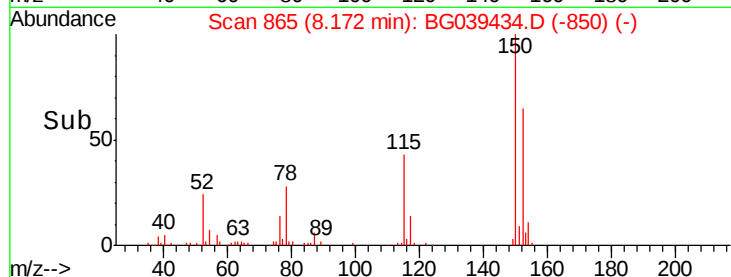
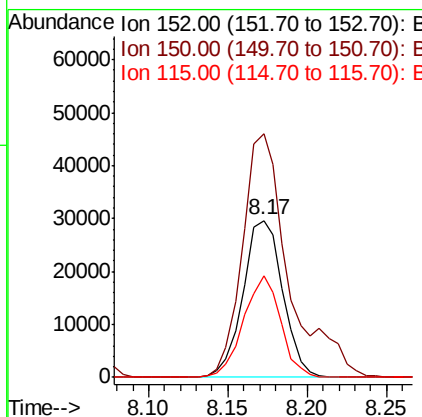
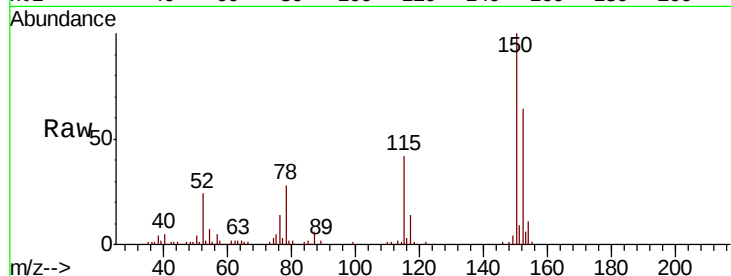
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.7	185.5
115	65.0	45.9	68.9

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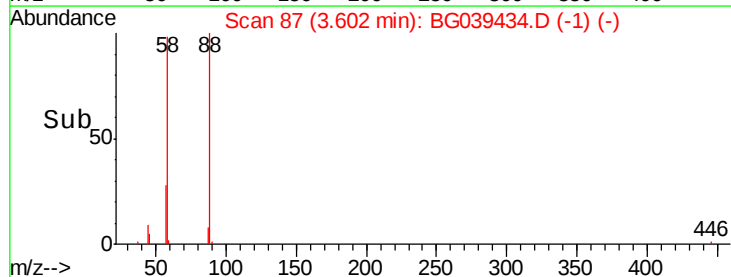
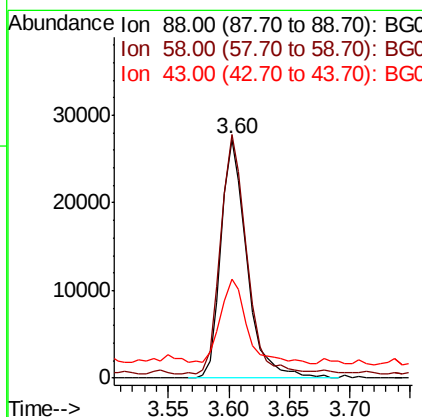
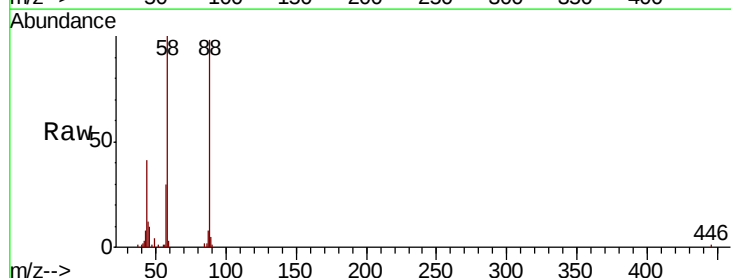
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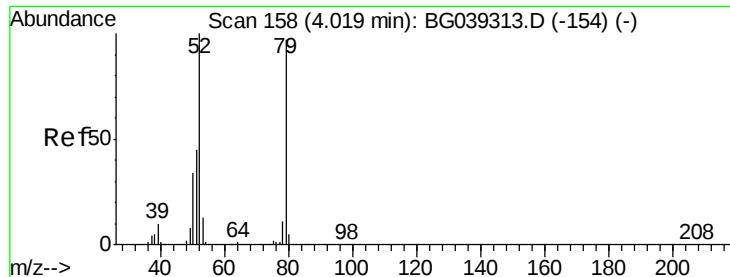


#2

1,4-Dioxane
Concen: 30.599 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.3	81.1	121.7
43	37.0	31.4	47.0





#3

Pvridine

Concen: 31.604 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

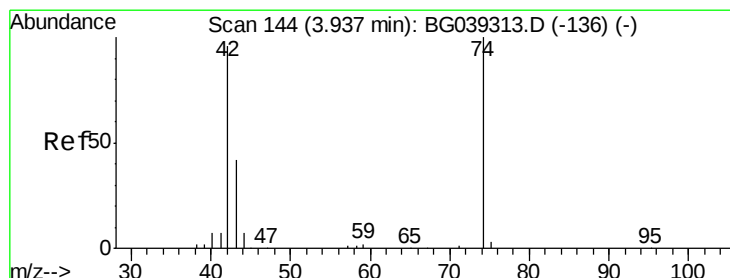
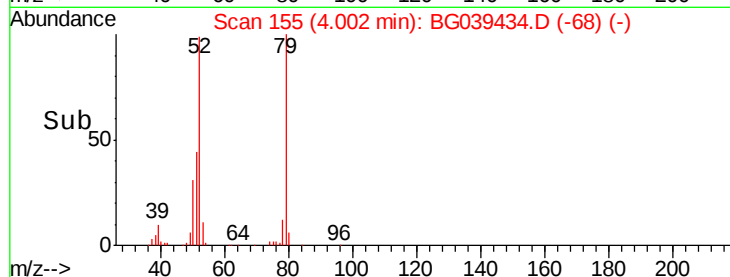
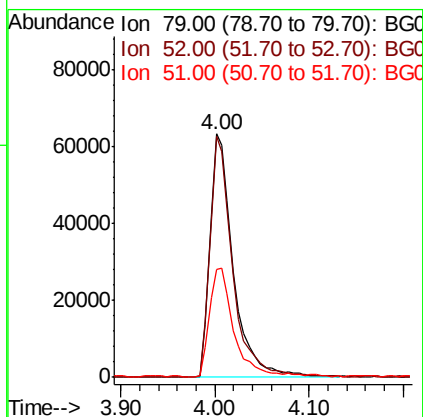
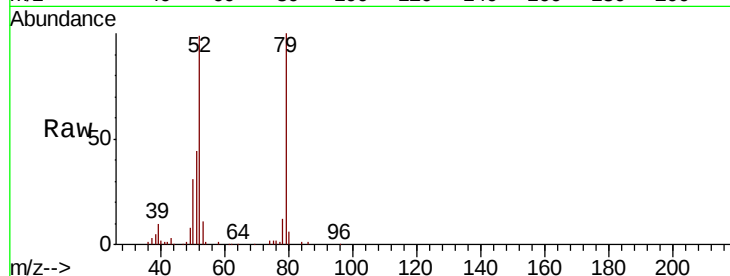
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	79	Resp:	110425
Ion Ratio	Lower	Upper	
79	100		
52	98.9	82.6	124.0
51	44.4	37.5	56.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.095 ng

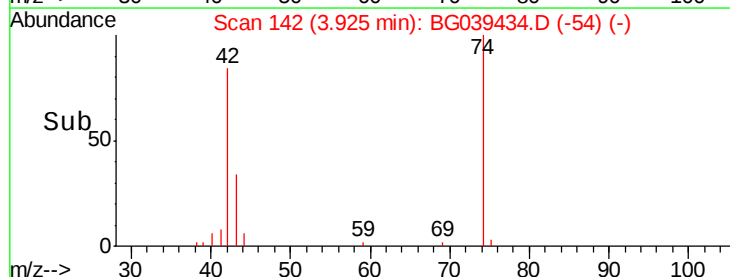
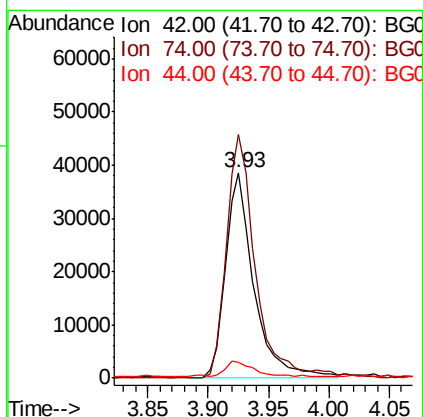
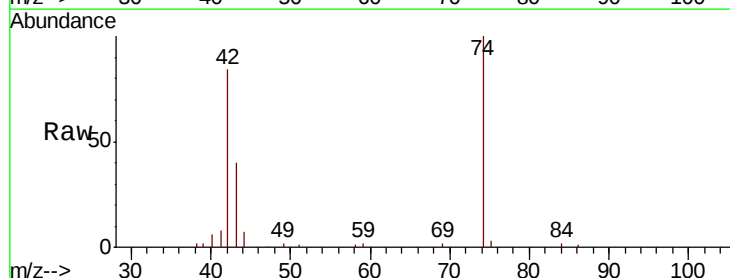
RT: 3.93 min Scan# 142

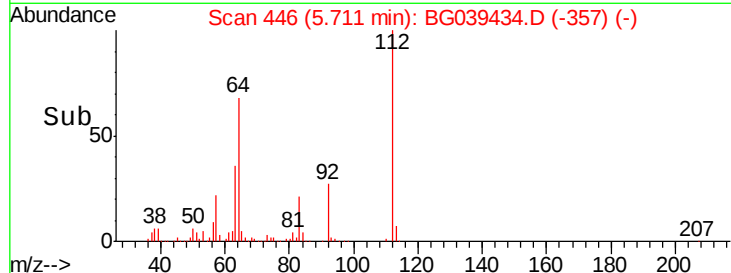
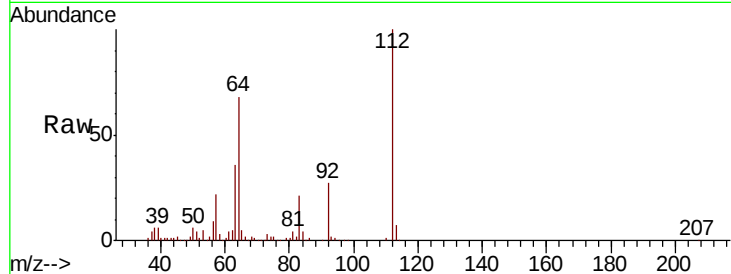
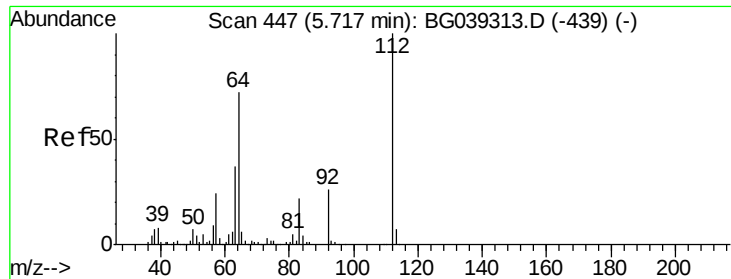
Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	42	Resp:	63073
Ion Ratio	Lower	Upper	
42	100		
74	118.5	83.6	125.4
44	7.9	6.9	10.3





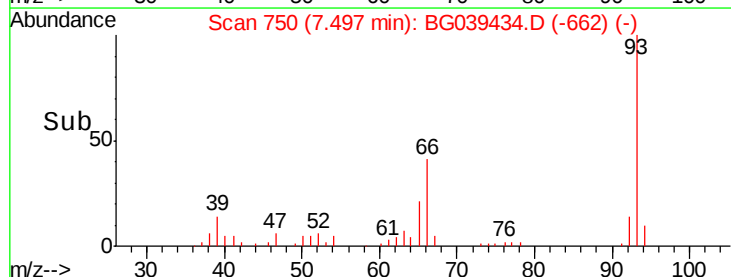
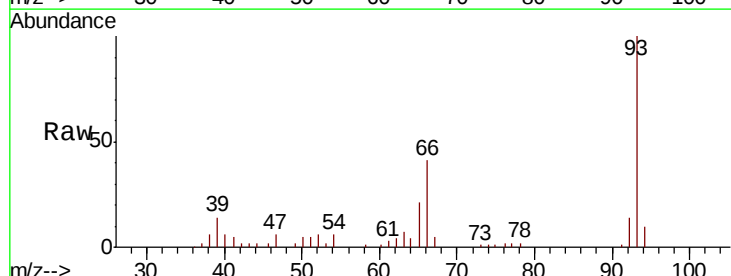
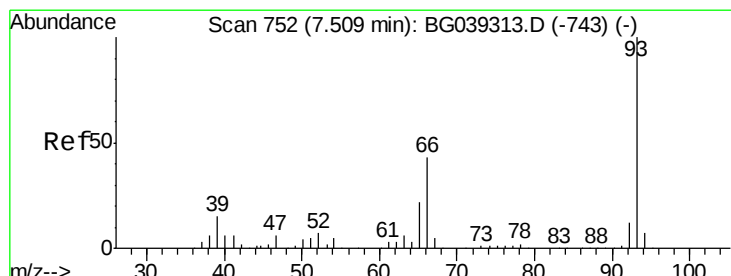
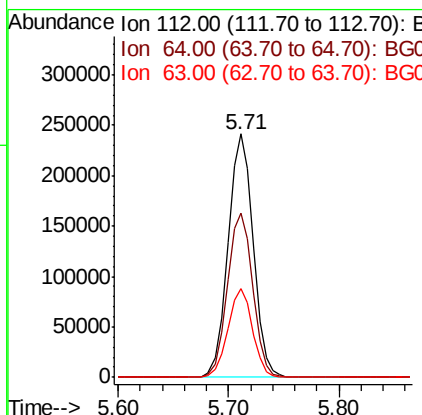
#5
2-Fluorophenol
Concen: 127.227 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tot Ion	Ratio	Resp	Lower	Upper
112	100	383841		
64	67.6		57.8	86.8
63	36.4		29.8	44.6

Instrument :
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ClientSampleId :
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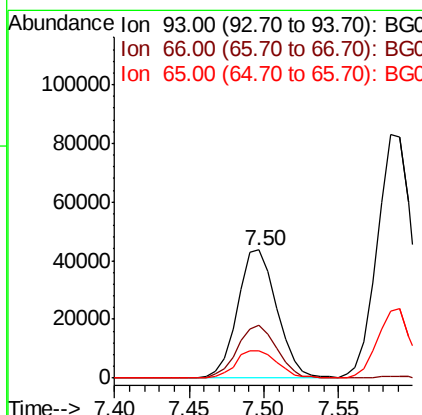
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#6
Aniline
Concen: 14.373 ng
RT: 7.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	79953		
66	40.9		34.2	51.4
65	21.3		17.7	26.5





#7

Phenol-d6

Concen: 129.922 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

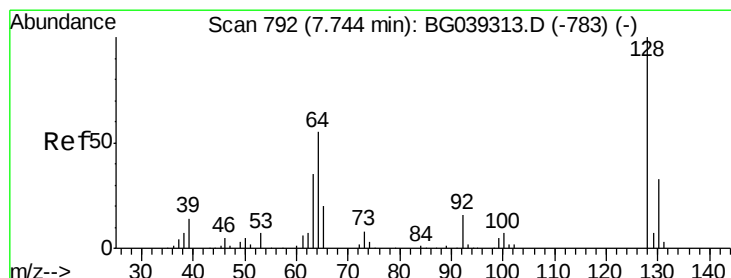
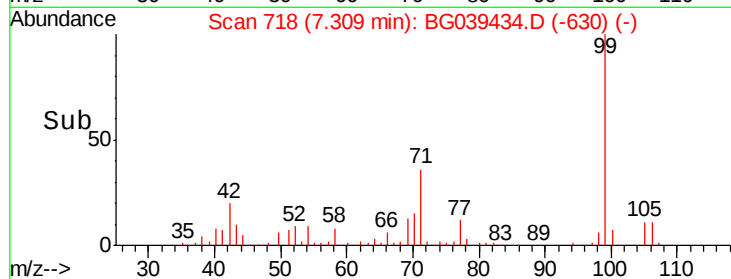
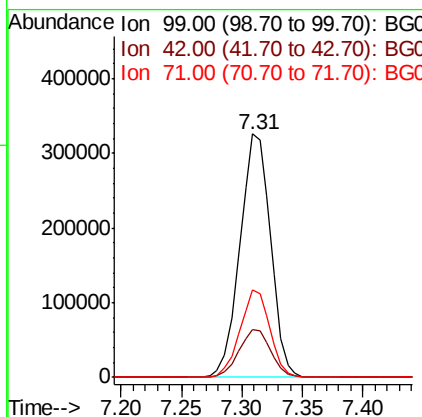
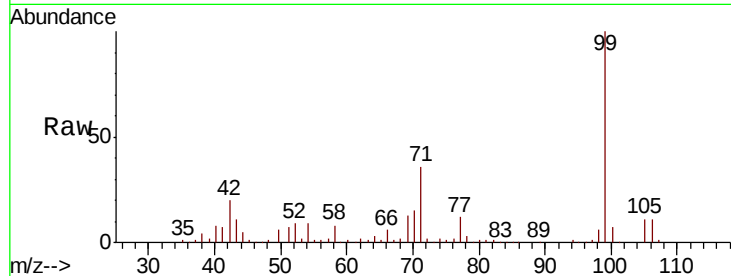
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	99	Resp:	576975
Ion Ratio	Lower	Upper	
99	100		
42	19.5	18.2	27.2
71	35.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 44.866 ng

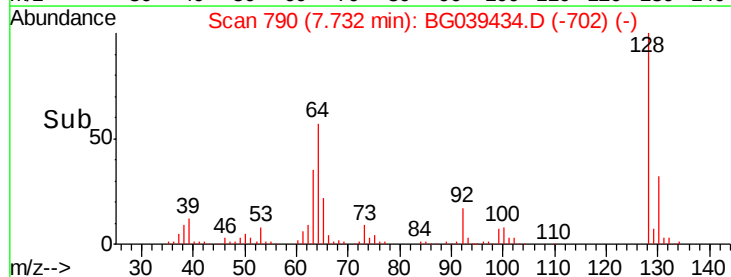
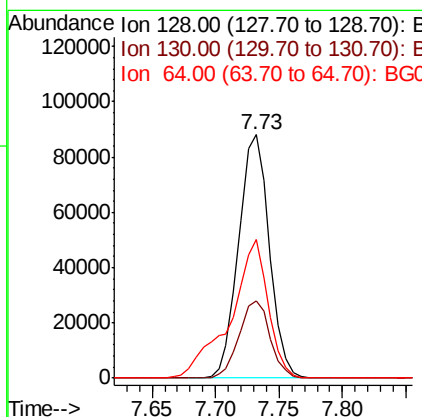
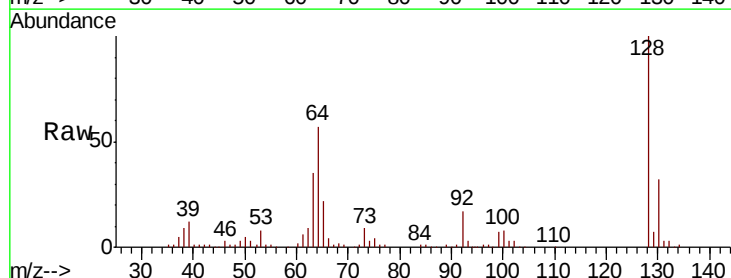
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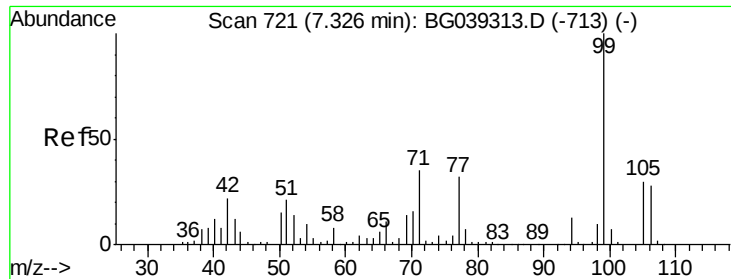
Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	128	Resp:	147962
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	57.2	38.7	78.7





#9

Benzaldehyde

Concen: 29.475 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

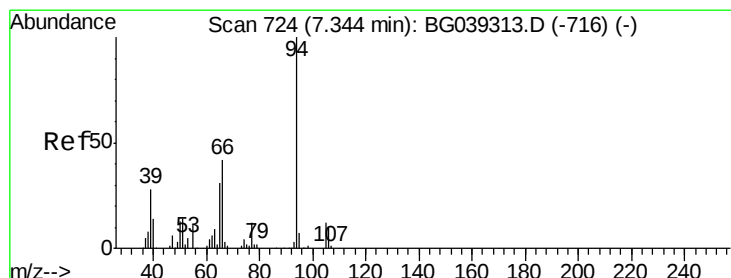
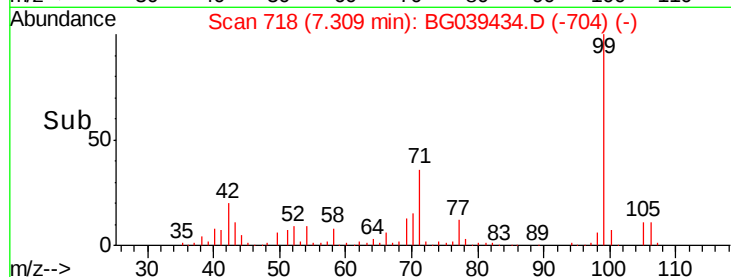
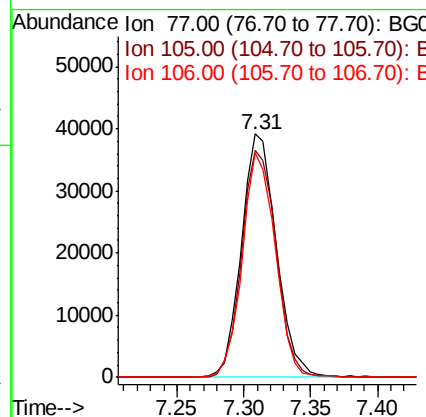
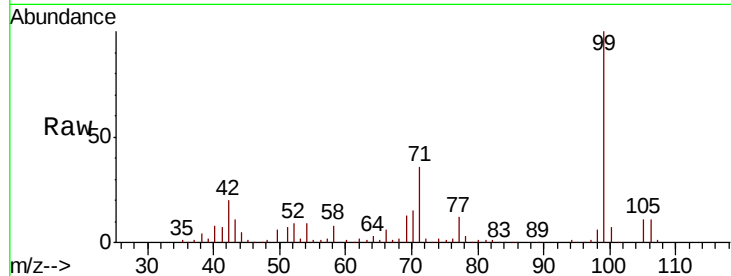
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	77	Resp:	70602
Ion Ratio	Lower	Upper	
77	100		
105	93.0	74.5	114.5
106	92.1	68.0	108.0

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#10

Phenol

Concen: 47.882 ng

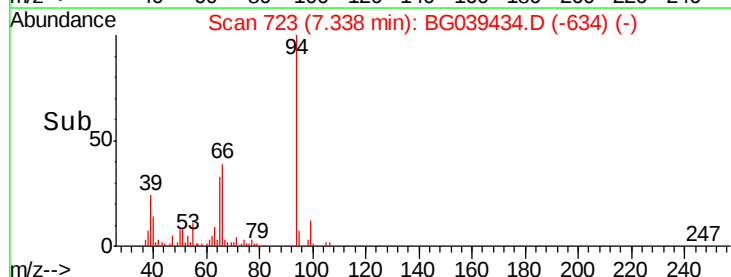
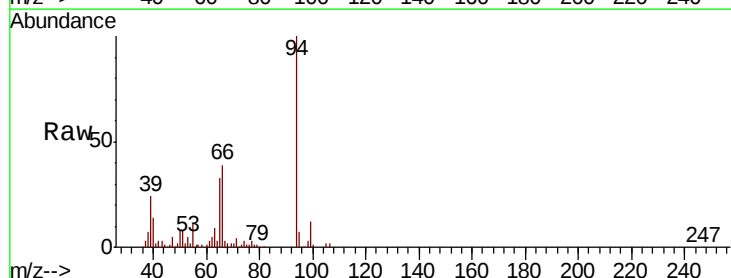
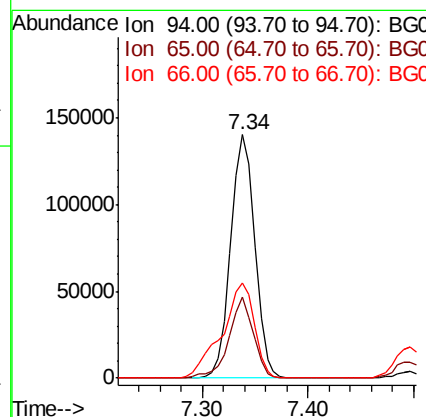
RT: 7.34 min Scan# 723

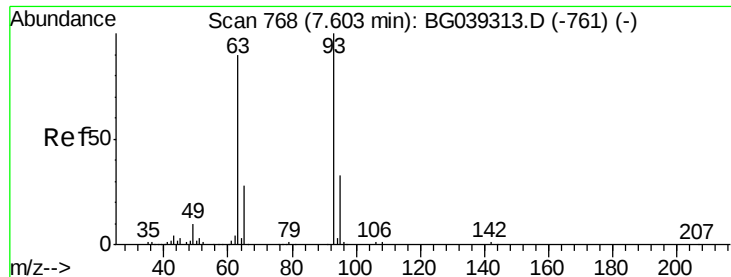
Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	94	Resp:	221660
Ion Ratio	Lower	Upper	
94	100		
65	33.2	11.7	51.7
66	38.9	23.7	63.7





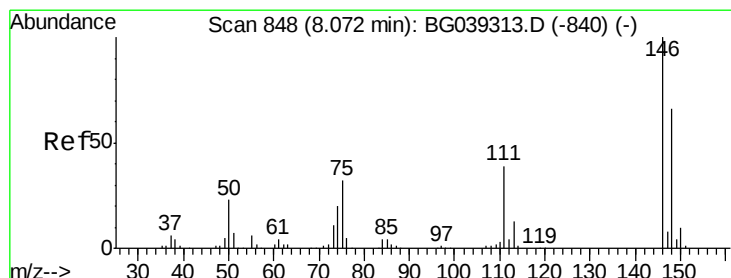
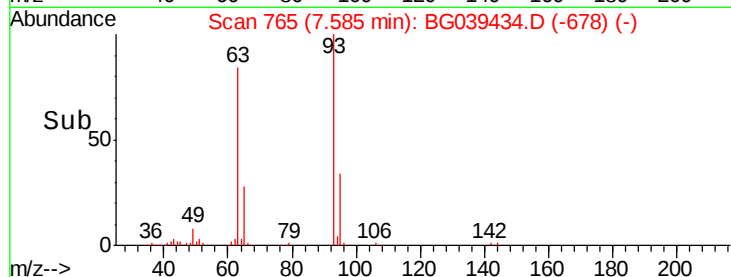
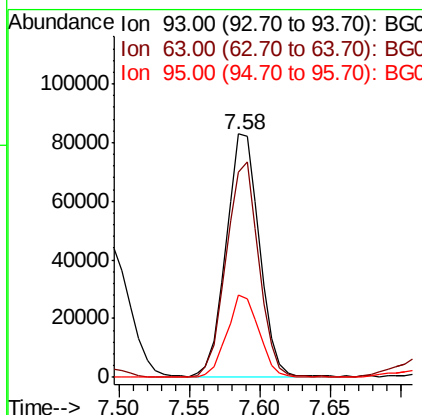
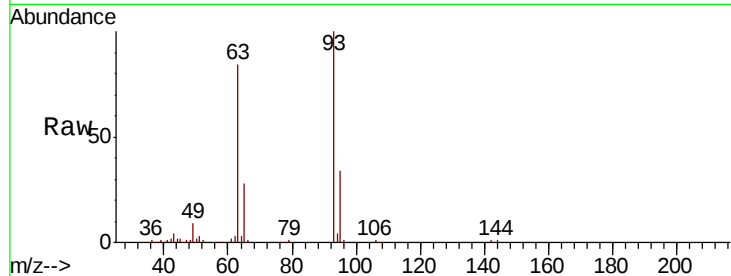
#11
bis(2-Chloroethyl)ether
Concen: 36.965 ng
RT: 7.58 min Scan# 765
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion:	93	Resp:	135217
Ion Ratio	Lower	Upper	
93	100		
63	84.1	69.5	109.5
95	34.1	12.7	52.7

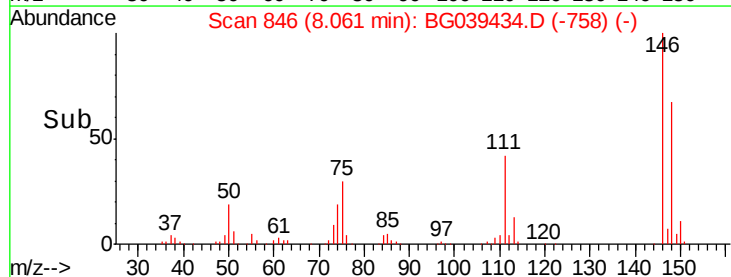
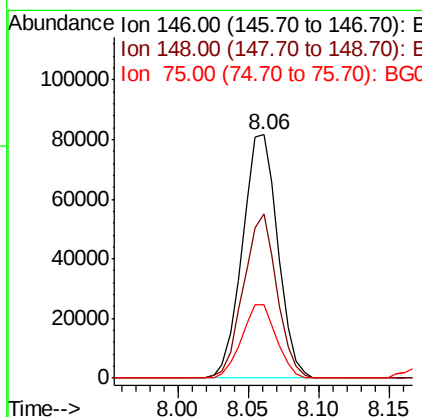
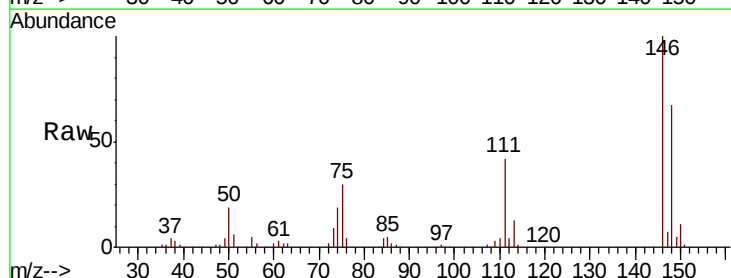
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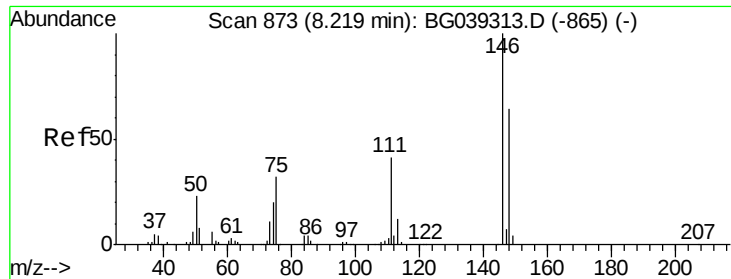
Sohil
2/12/2019 12:07:33 PM



#12
1,3-Dichlorobenzene
Concen: 35.778 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion:	146	Resp:	142938
Ion Ratio	Lower	Upper	
146	100		
148	67.3	52.6	79.0
75	30.0	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 36.544 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

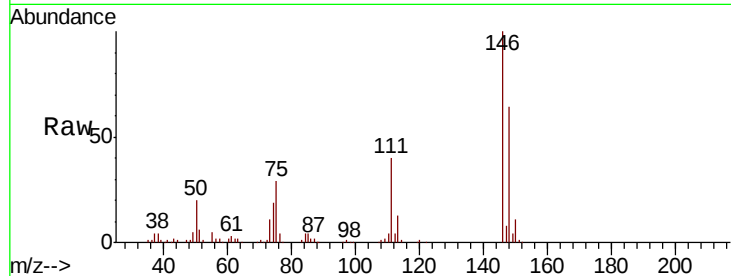
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	146	Resp:	145517
Ion Ratio		Lower	Upper
146	100		
148	63.9	51.1	76.7
111	40.3	32.6	48.8

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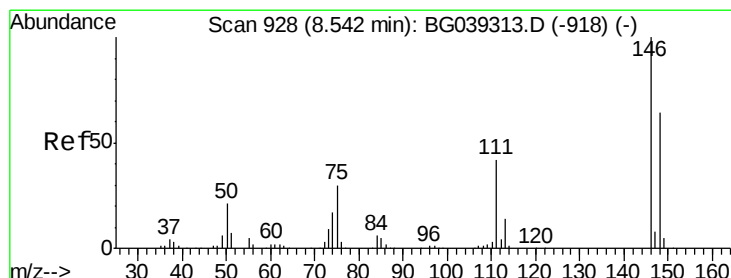
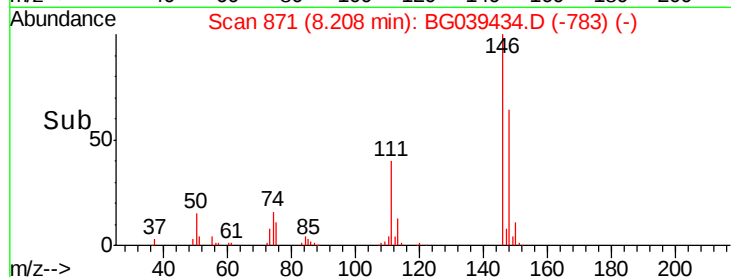
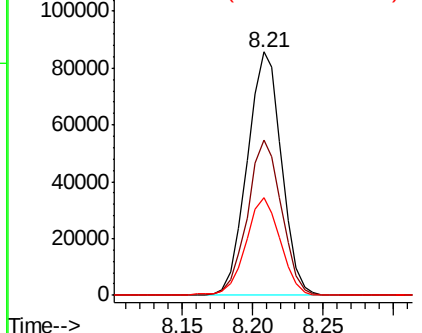


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.928 ng

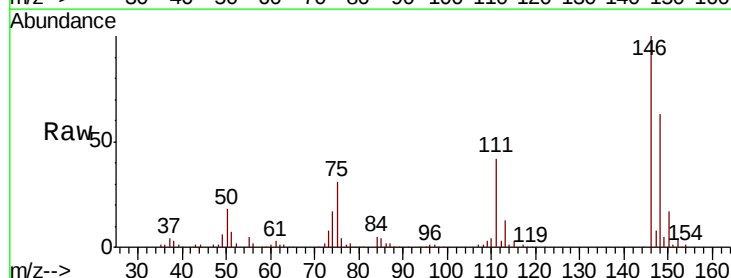
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	146	Resp:	142351
Ion Ratio		Lower	Upper
146	100		
148	62.7	51.5	77.3
111	42.3	33.8	50.6

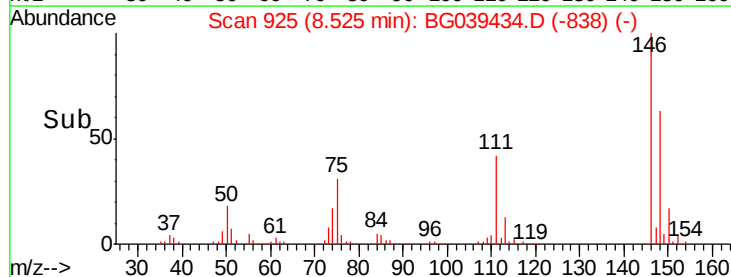
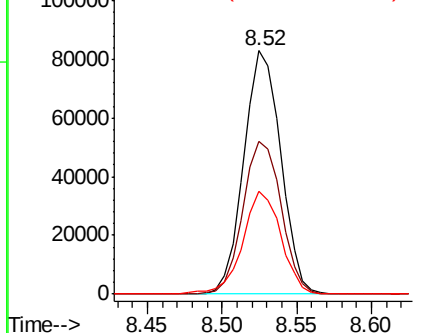


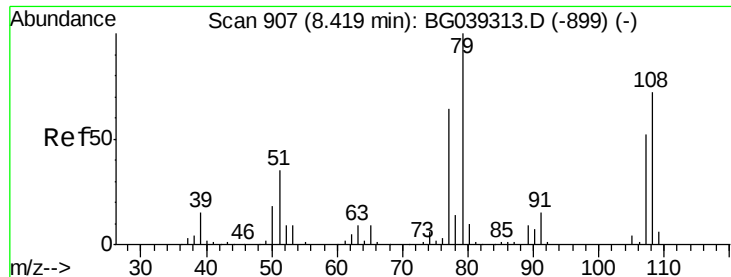
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.992 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

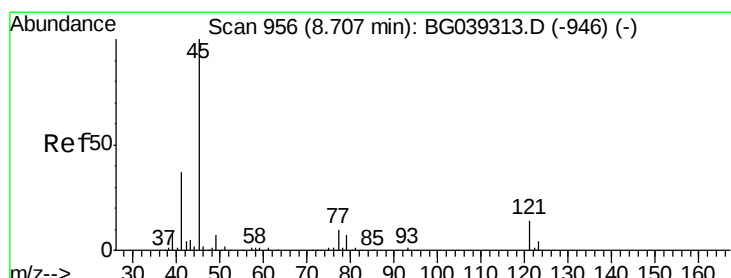
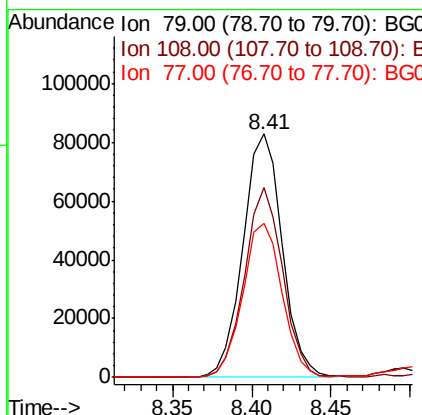
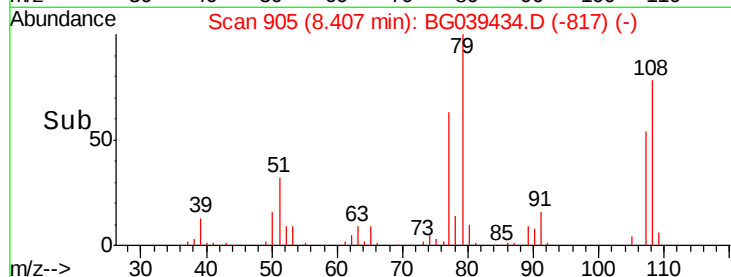
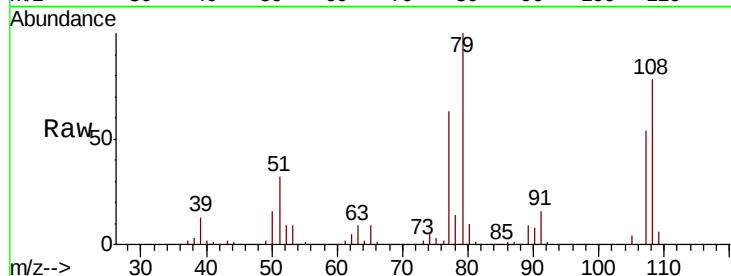
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	79	Resp:	142920
Ion Ratio	Lower	Upper	
79	100		
108	78.0	57.8	86.6
77	63.4	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.788 ng

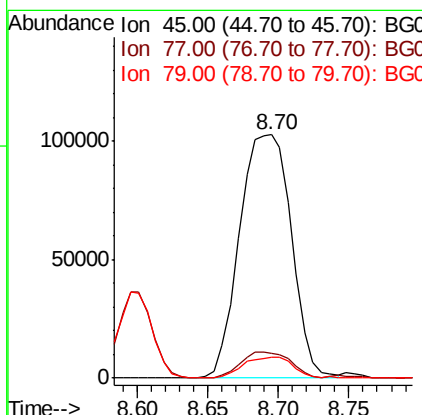
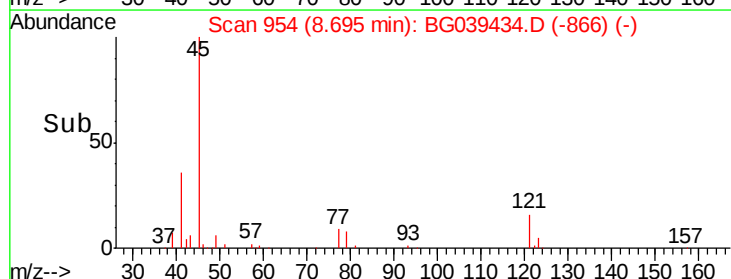
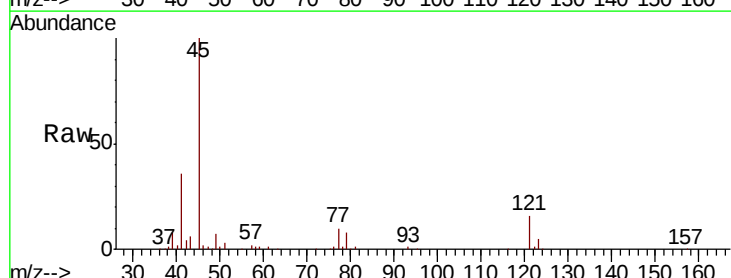
RT: 8.70 min Scan# 954

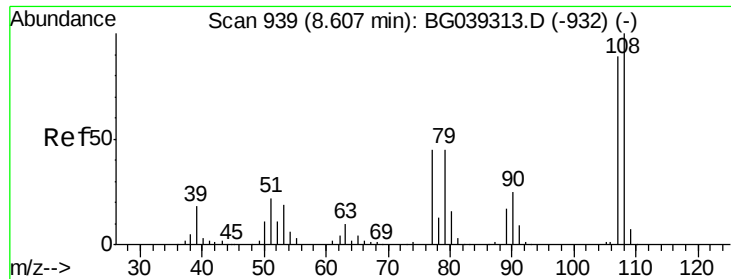
Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	45	Resp:	262590
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.0
79	8.4	0.0	27.5





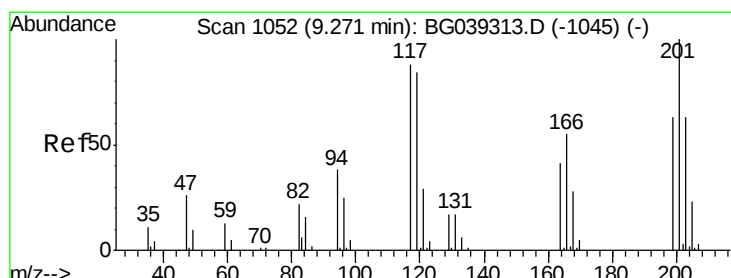
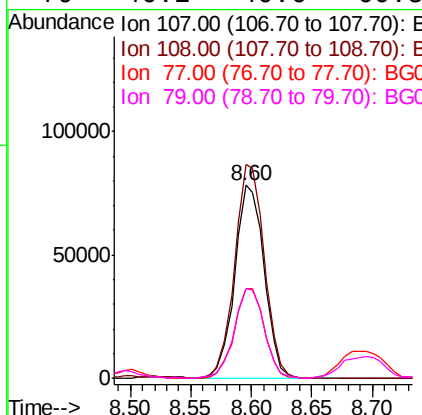
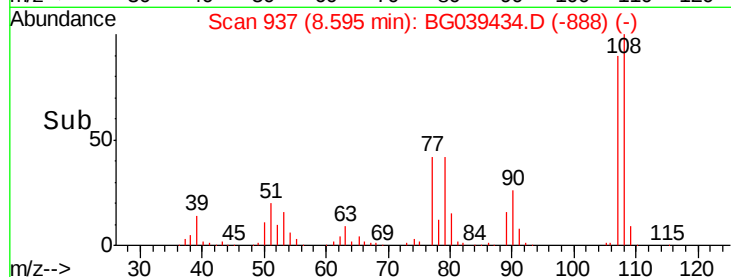
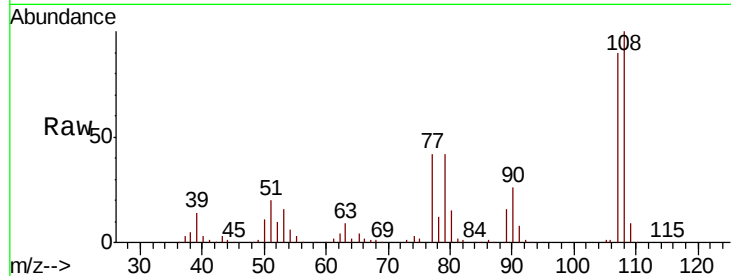
#17
2-Methylphenol
Concen: 44.474 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.8	136.2
77	46.6	40.7	61.1
79	46.2	40.6	60.8

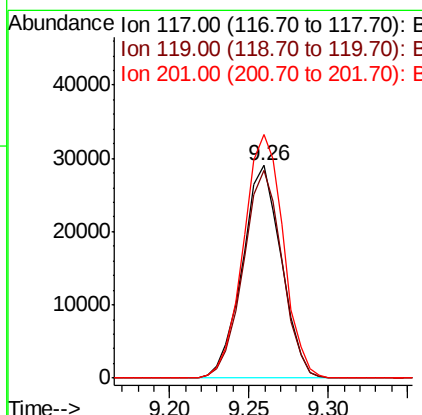
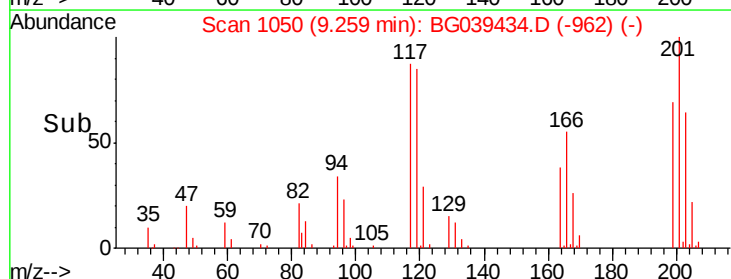
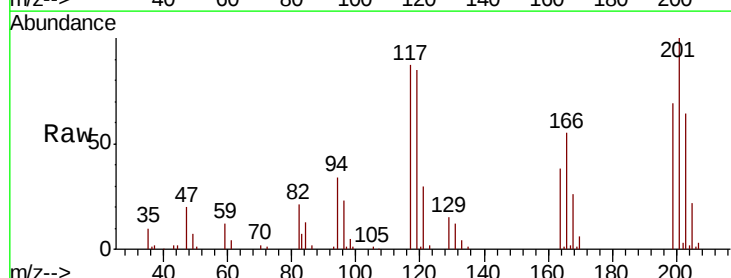
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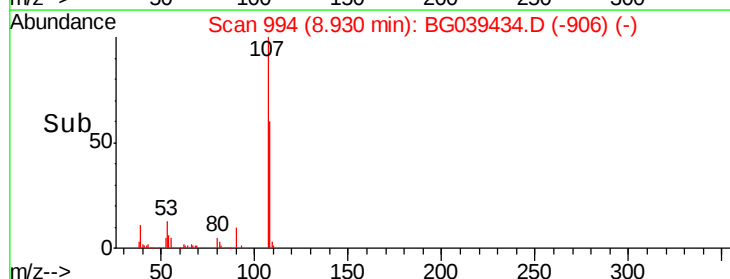
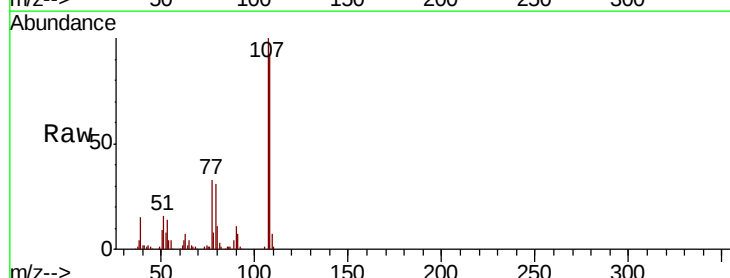
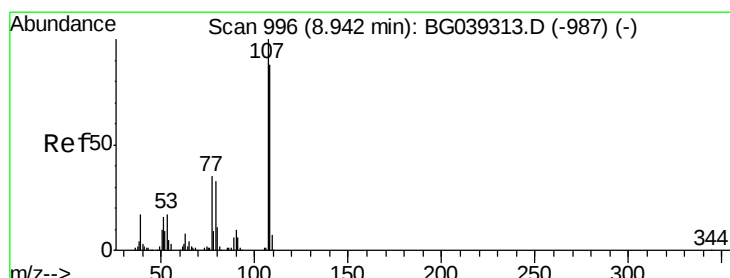
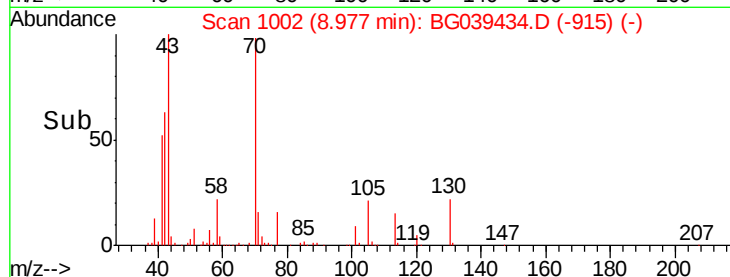
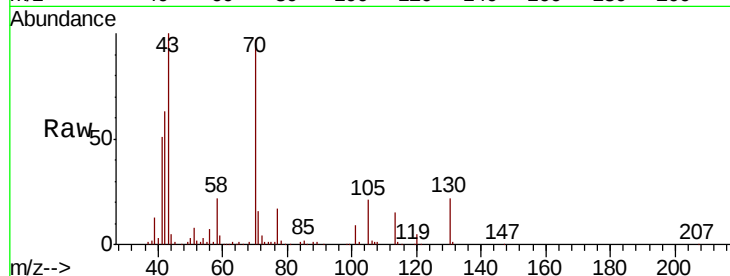
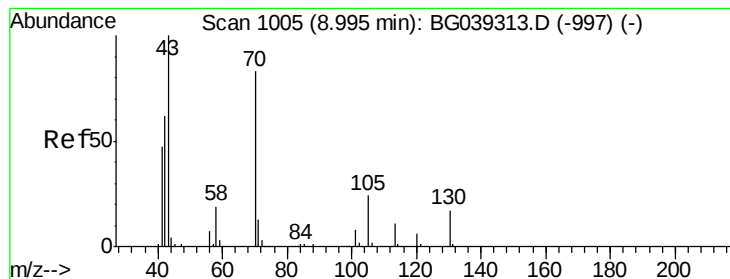
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#18
Hexachloroethane
Concen: 36.266 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.3	114.5
201	114.6	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 38.235 ng

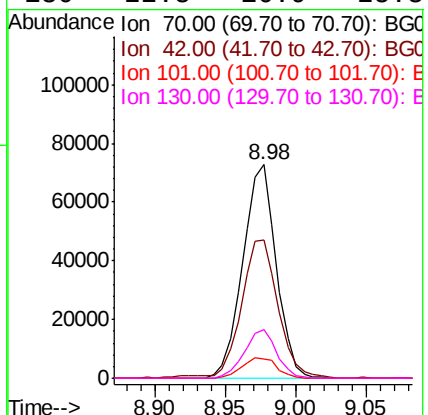
RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	65.0	60.4	90.6		
101	8.8	7.5	11.3		
130	22.8	16.9	25.3		



Instrument :

BNA_G

ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 45.262 ng

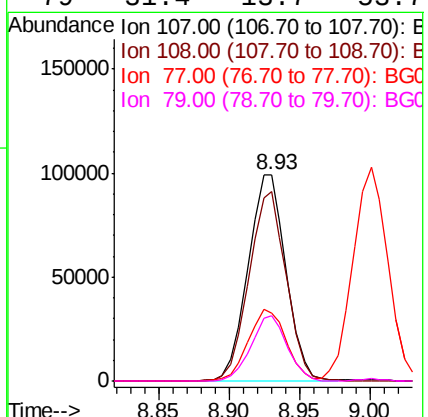
RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.9	67.9	107.9		
77	33.1	15.4	55.4		
79	31.4	13.7	53.7		





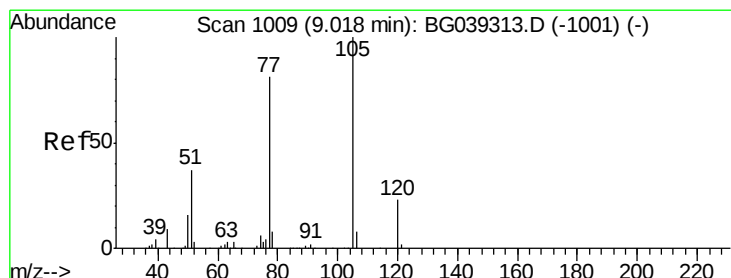
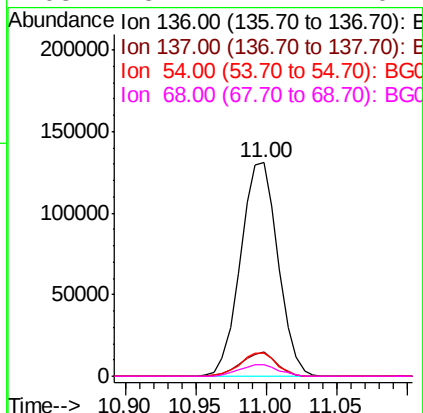
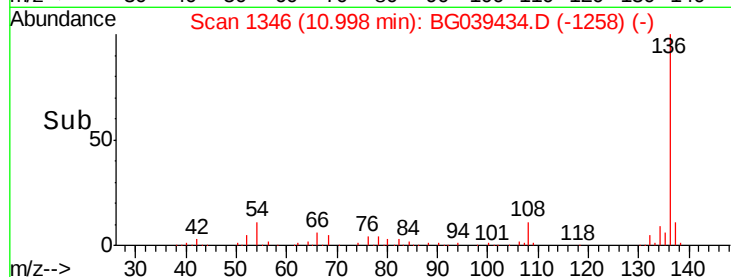
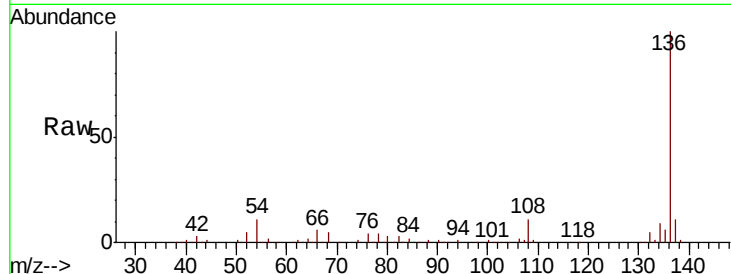
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2		9.1	13.7	
54	10.7		9.4	14.2	
68	5.2		4.2	6.4	

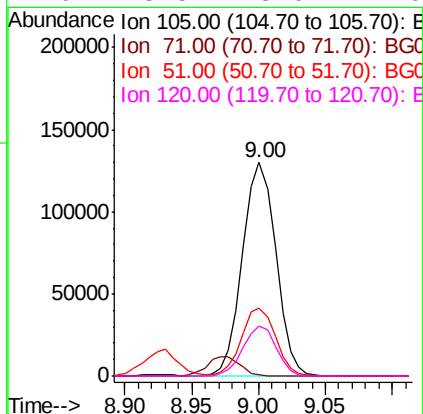
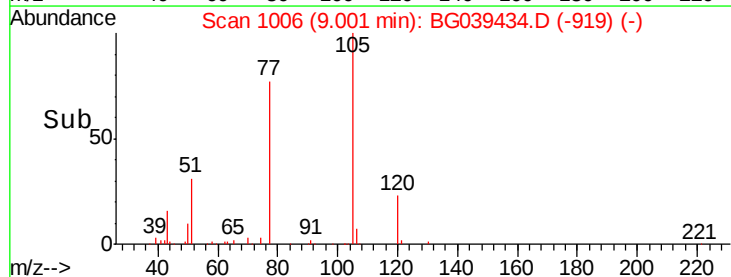
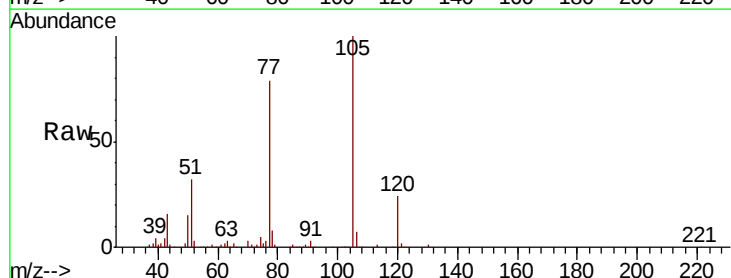
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#22
Acetophenone
Concen: 34.584 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.5		0.8	1.2#	
51	31.7		30.2	45.2	
120	23.5		18.0	27.0	





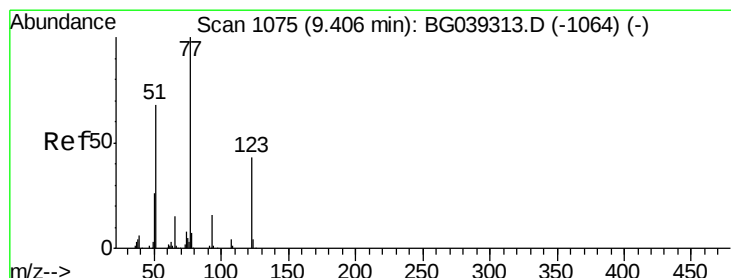
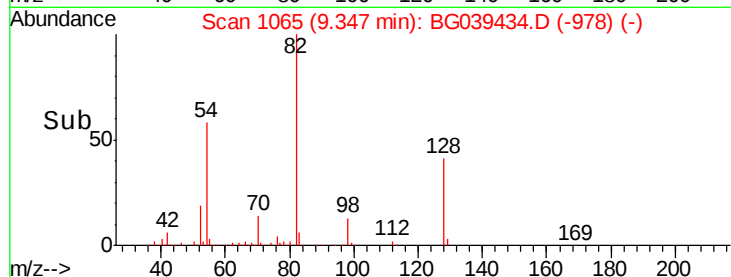
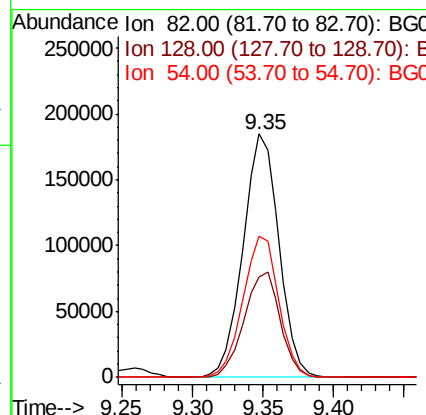
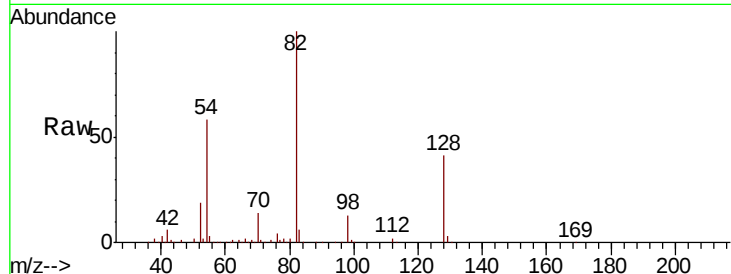
#23
 Nitrobenzene-d5
 Concen: 84.455 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.4	31.3	46.9	
54	58.1	50.9	76.3	

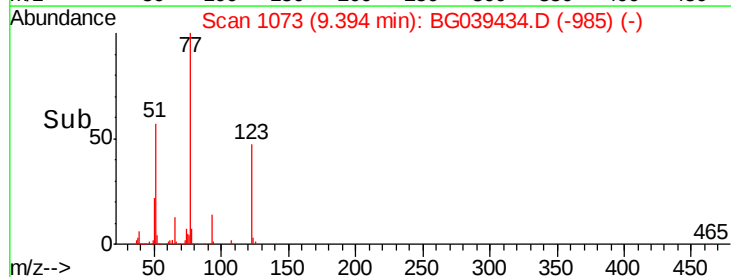
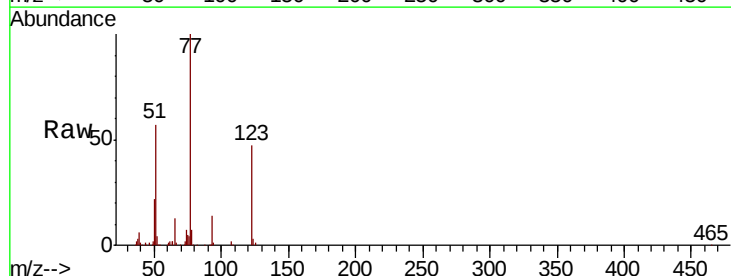
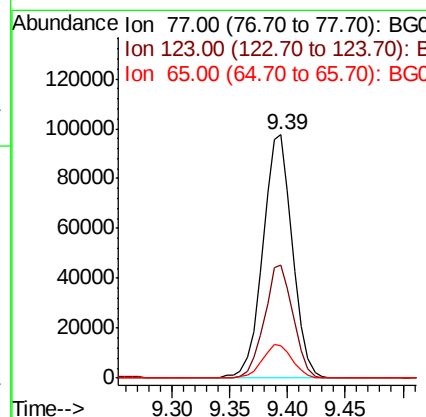
Manual Integrations
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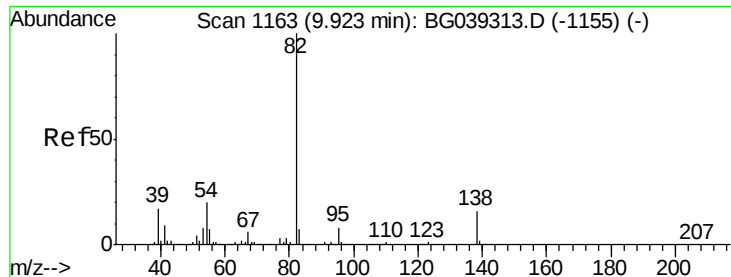
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#24
 Nitrobenzene
 Concen: 41.216 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.6	34.1	51.1	
65	13.1	12.3	18.5	





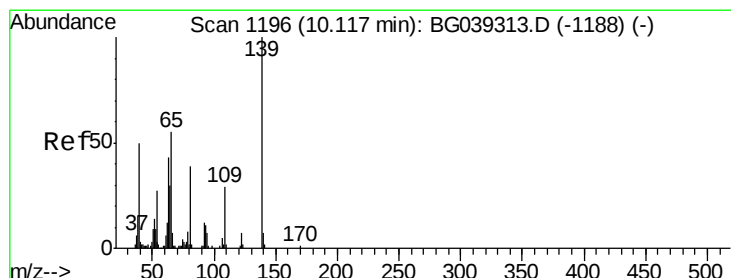
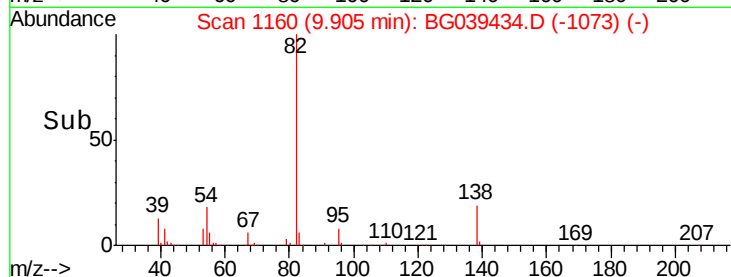
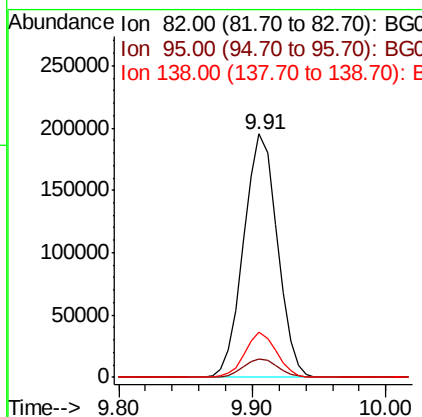
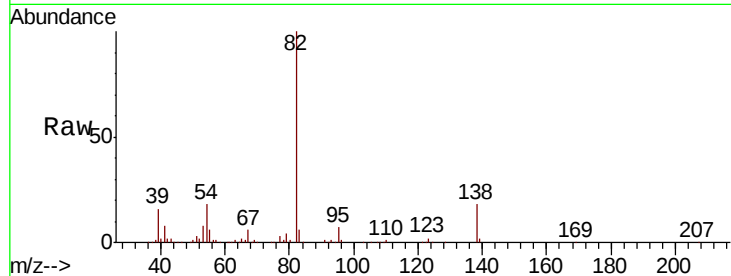
#25
Isophorone
Concen: 39.361 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	339599		
95	7.5	6.2	9.2	
138	18.5	13.0	19.4	

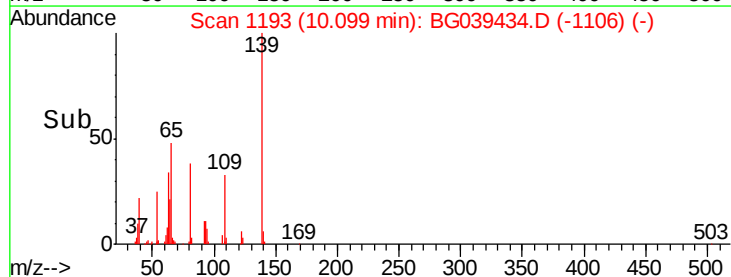
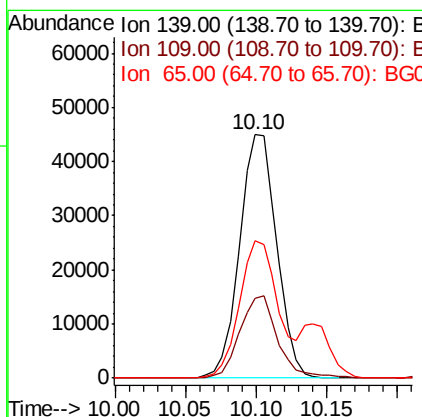
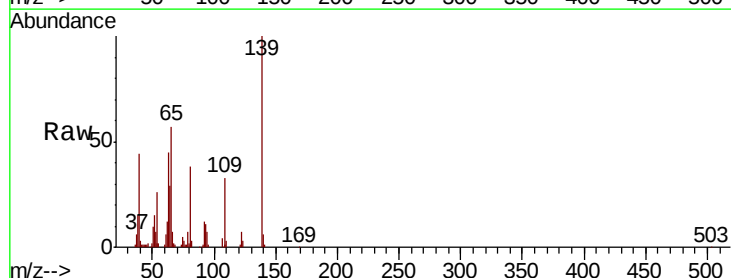
Manual Integrations
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2/12/2019 12:07:33 PM



#26
2-Nitrophenol
Concen: 49.581 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82480		
109	32.5	23.4	35.0	
65	56.6	44.3	66.5	





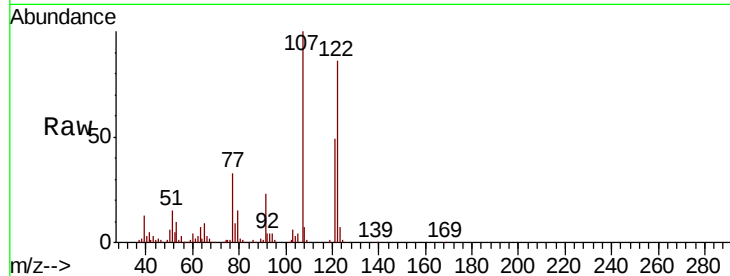
#27
2,4-Dimethylphenol
Concen: 44.941 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.2	91.7	137.5	
121	57.3	46.4	69.6	

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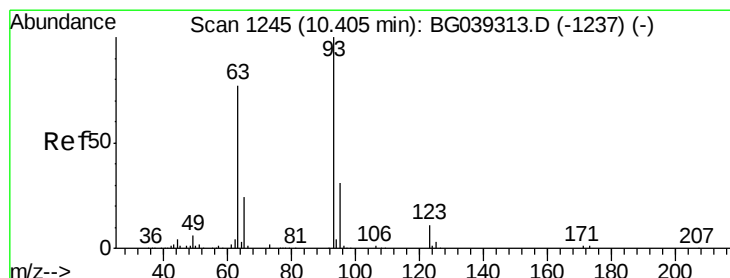
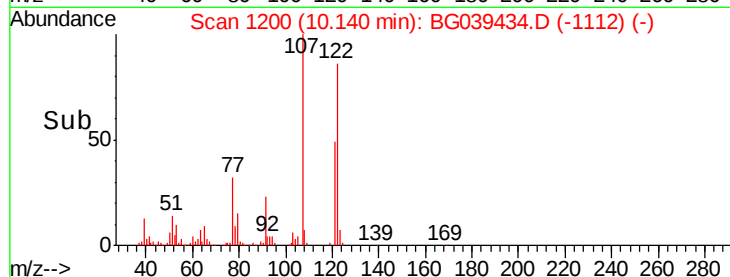
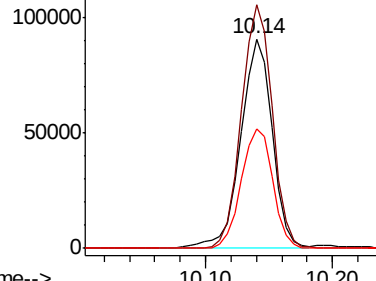


Abundance

Ion 122.00 (121.70 to 122.70): E

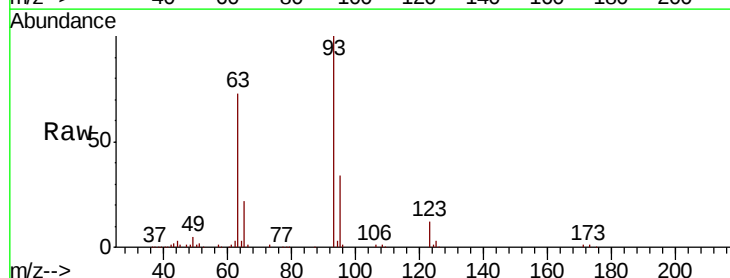
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.123 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.3	25.0	37.4	
123	11.7	8.6	12.8	

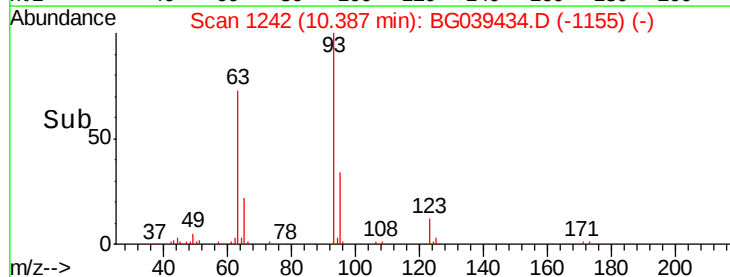
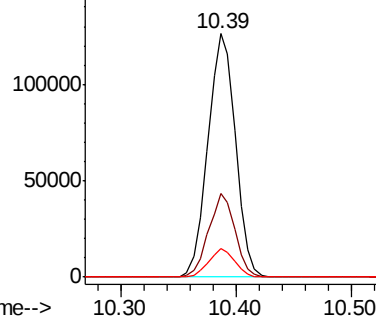


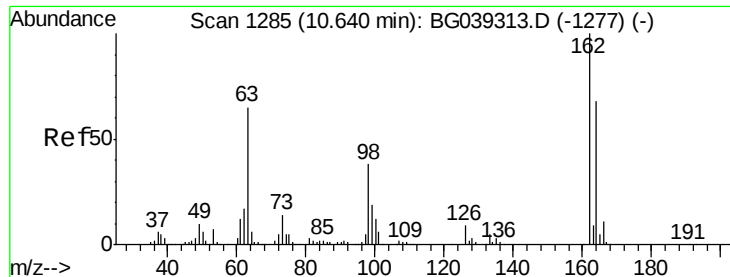
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





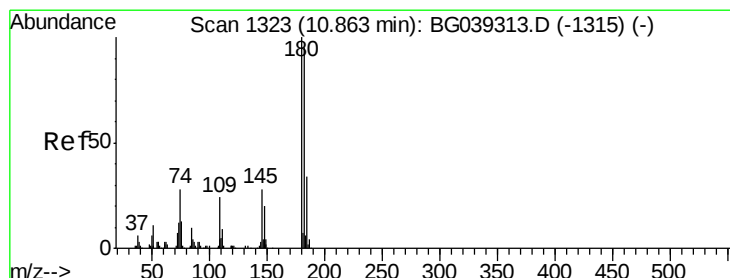
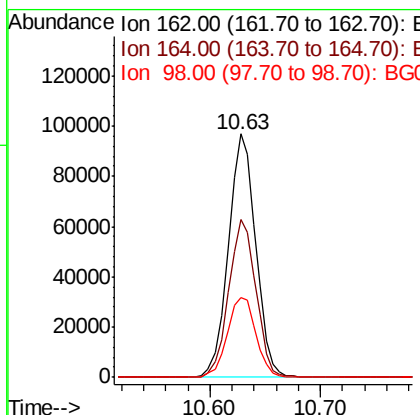
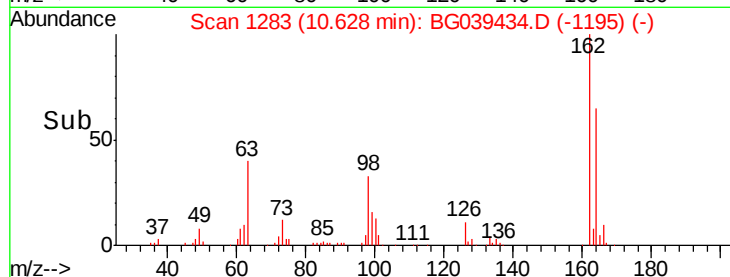
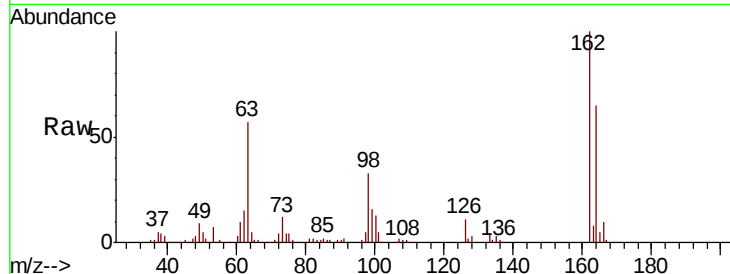
#29
2,4-Dichlorophenol
Concen: 44.051 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	168032		
164	64.9	48.1	88.1	
98	33.0	18.1	58.1	

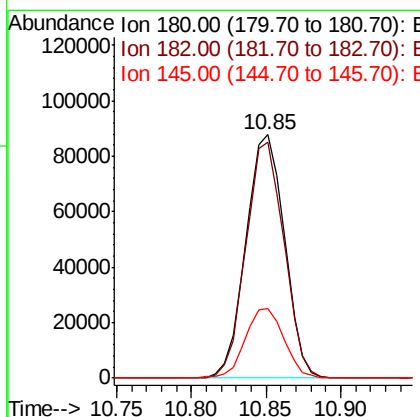
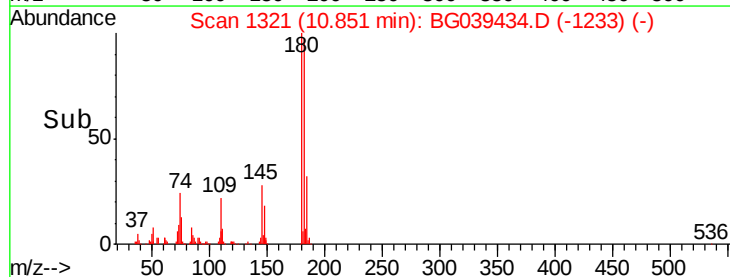
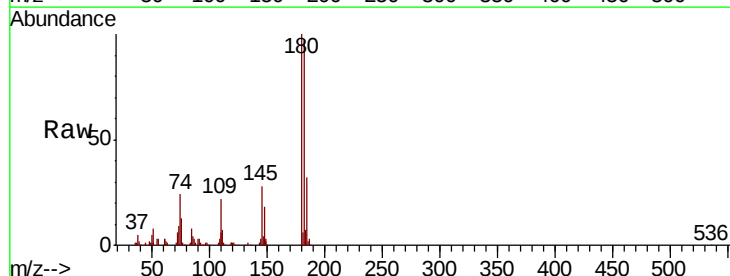
Manual Integrations
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#30
1,2,4-Trichlorobenzene
Concen: 36.567 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156601		
182	96.8	76.0	114.0	
145	28.4	22.7	34.1	





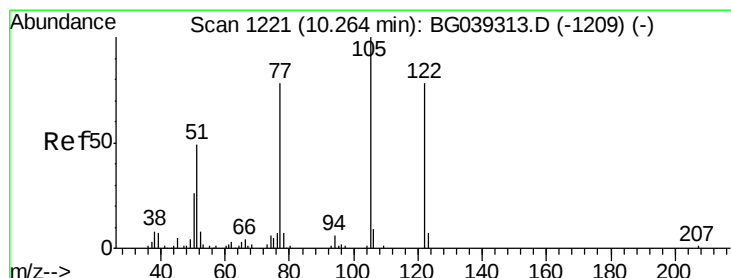
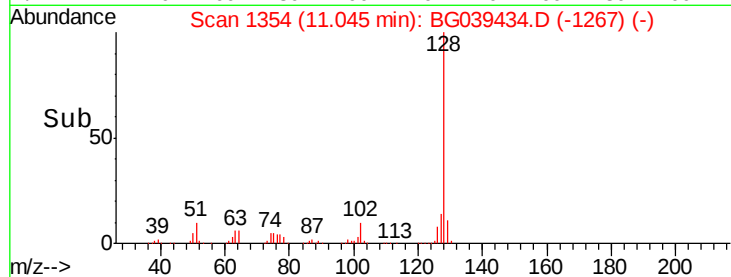
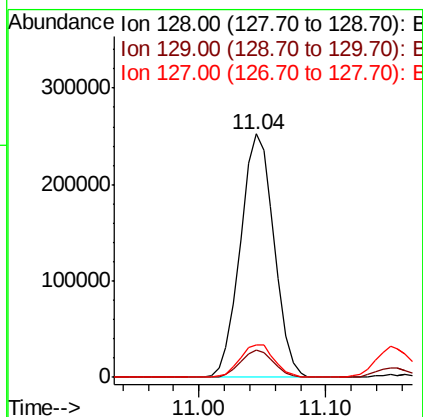
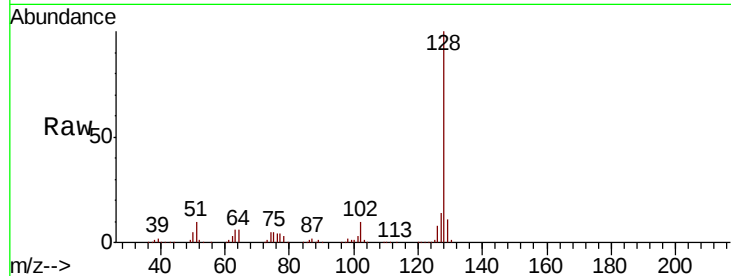
#31
Naphthalene
Concen: 38.418 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	13.6	10.8	16.2

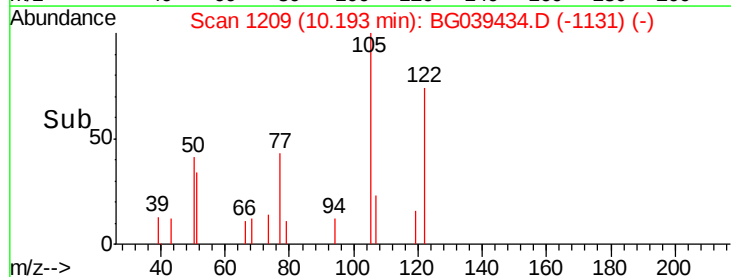
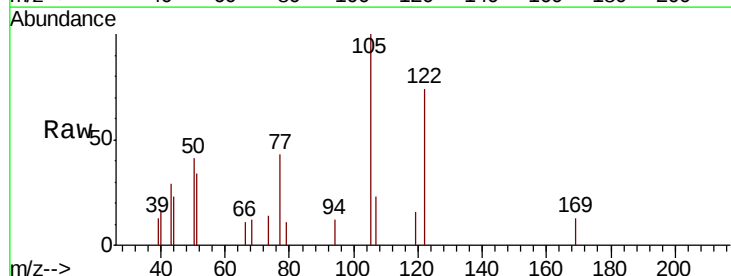
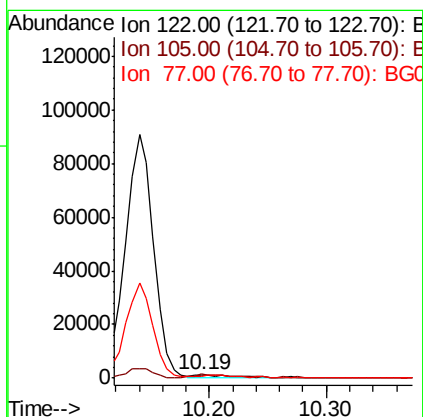
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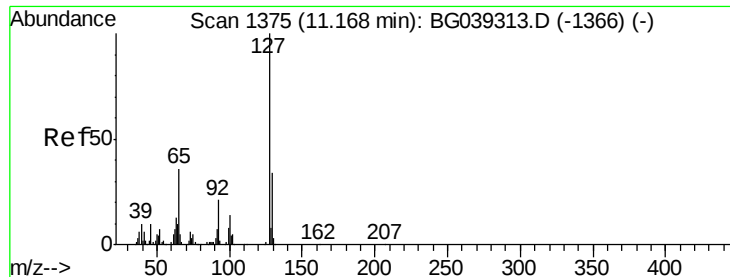
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#32
Benzoic acid
Concen: 10.316 ng m
RT: 10.19 min Scan# 1209
Delta R.T. -0.07 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.4	101.8	141.8
77	58.5	76.3	116.3





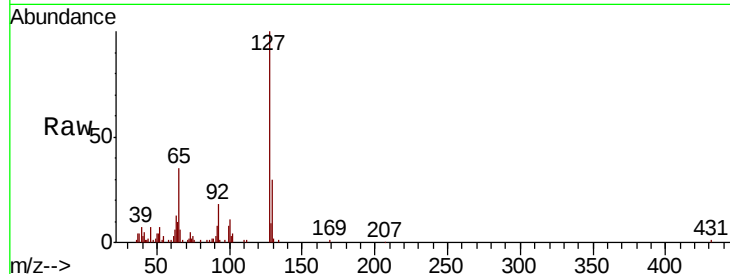
#33
4-Chloroaniline
Concen: 10.911 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.6	27.0	40.4
65	35.2	28.8	43.2
92	18.3	16.6	25.0

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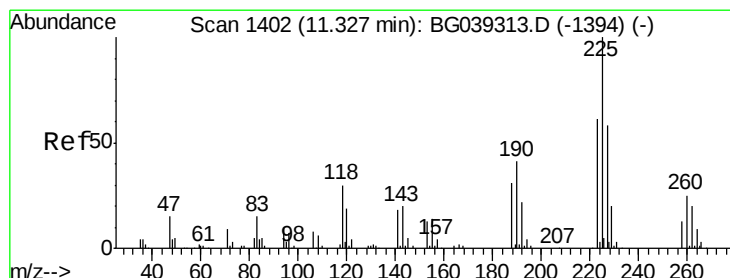
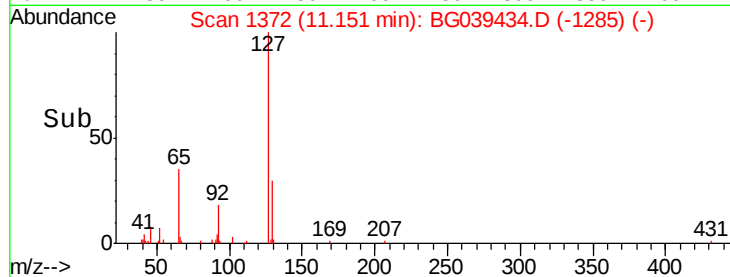
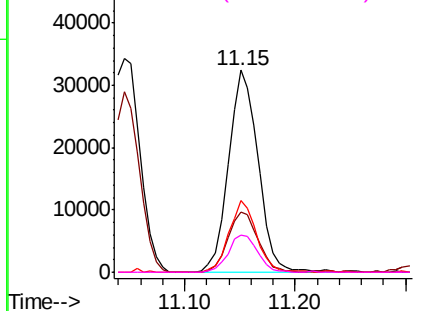
Abundance

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: 34.338 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

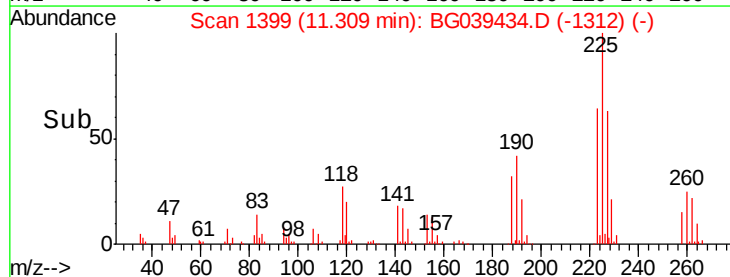
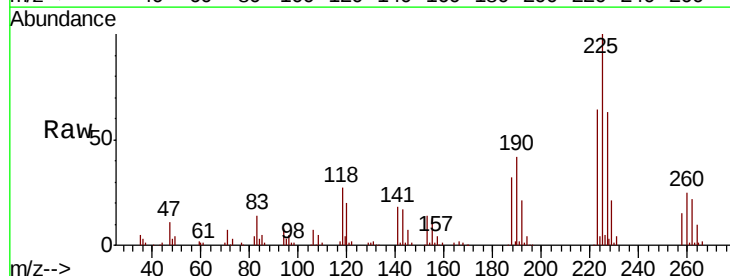
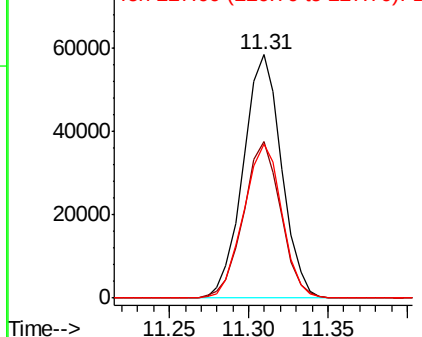
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.0	73.6
227	63.0	46.3	69.5

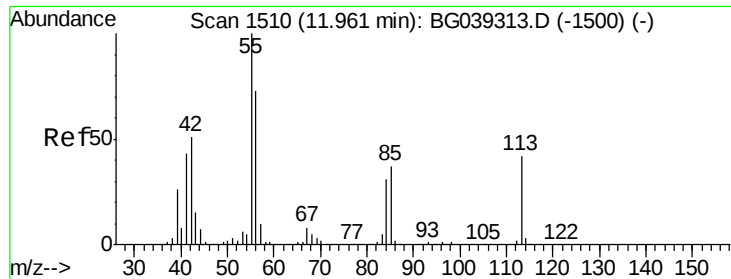
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





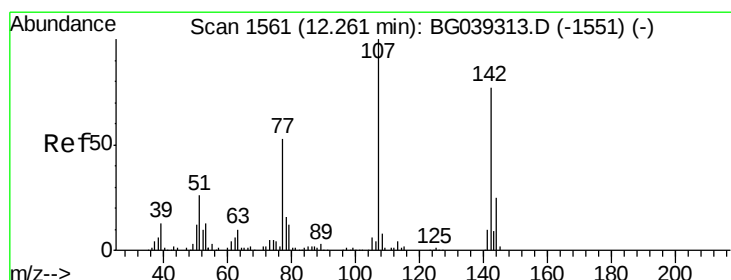
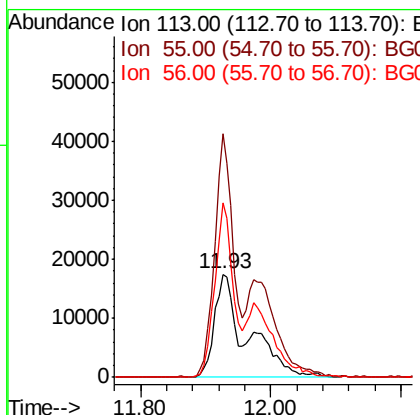
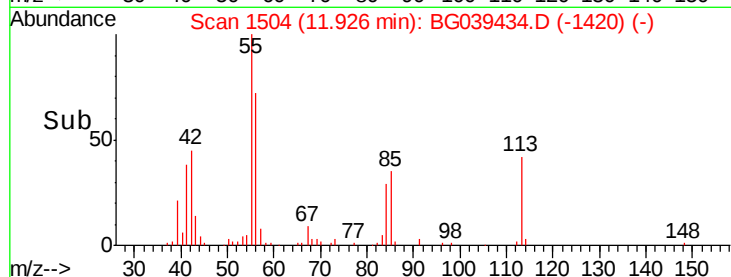
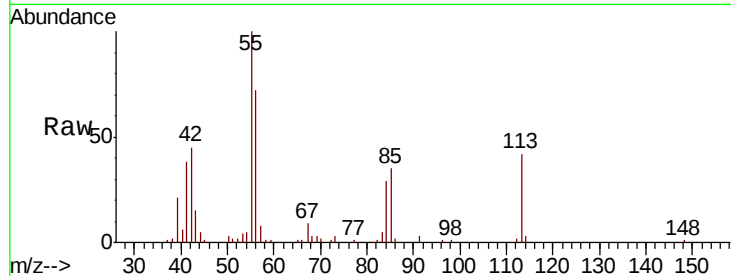
#35
Caprolactam
Concen: 37.888 ng/ml
RT: 11.93 min Scan# 1504
Delta R.T. -0.04 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	236.1	216.9	256.9
56	168.9	152.6	192.6

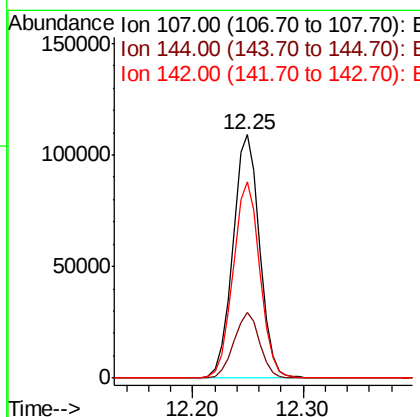
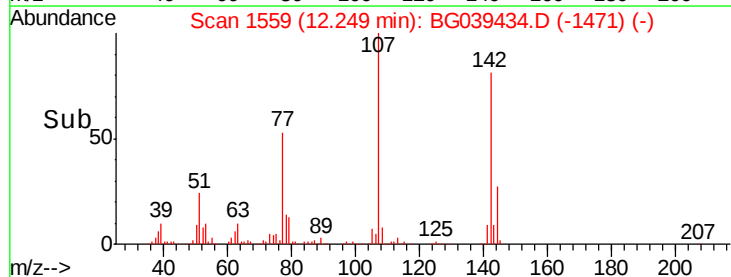
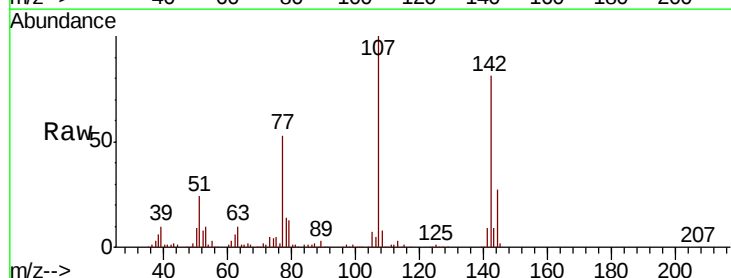
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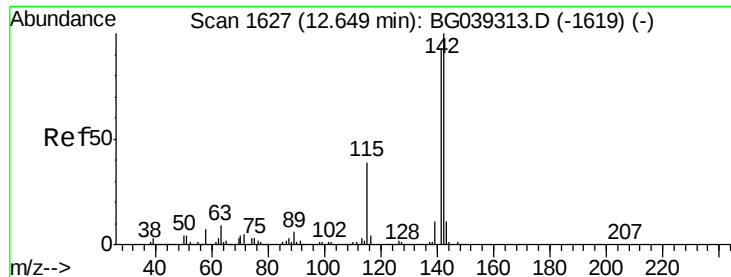
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#36
4-Chloro-3-methylphenol
Concen: 42.017 ng
RT: 12.25 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.2	30.2
142	80.7	61.4	92.2





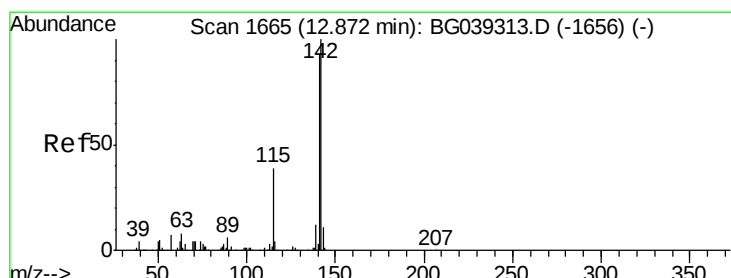
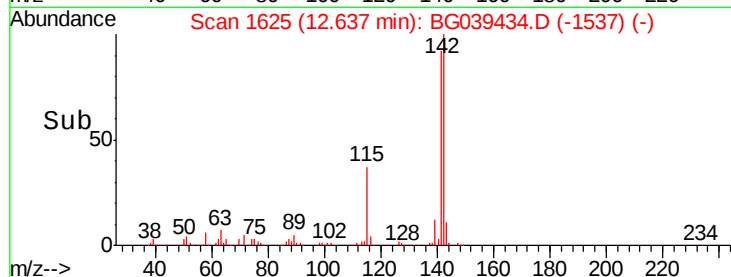
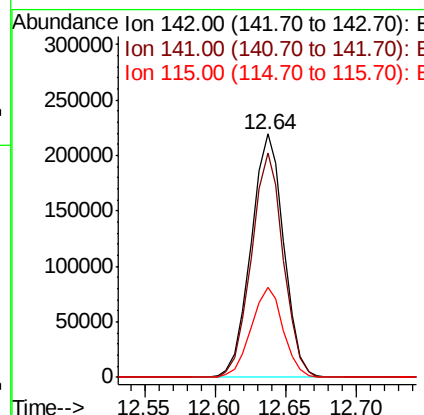
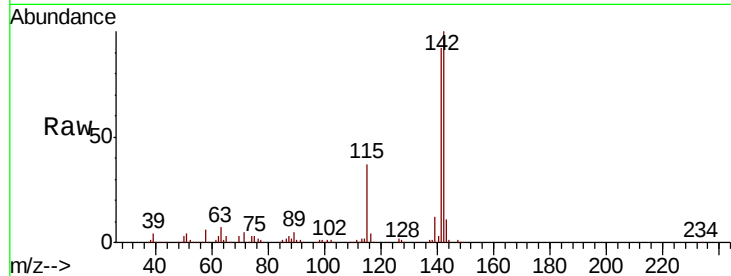
#37
 2-Methylnaphthalene
 Concen: 39.940 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.5	110.3
115	37.1	30.8	46.2

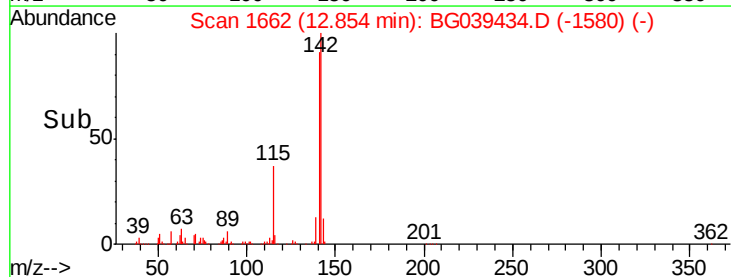
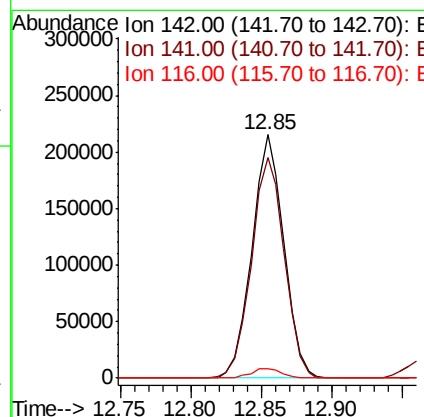
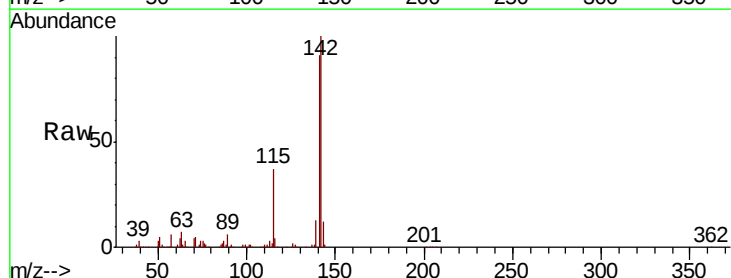
Manual Integrations
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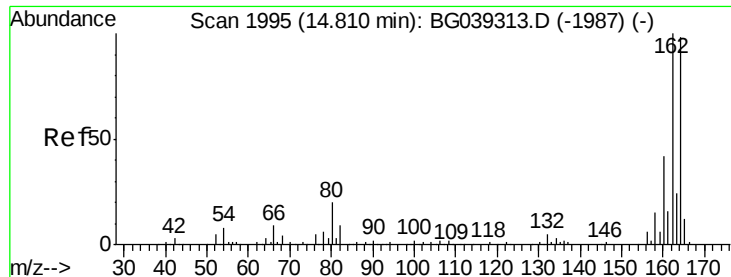
Sohil
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#38
 1-Methylnaphthalene
 Concen: 39.558 ng
 RT: 12.85 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.2	111.4
116	3.7	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: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

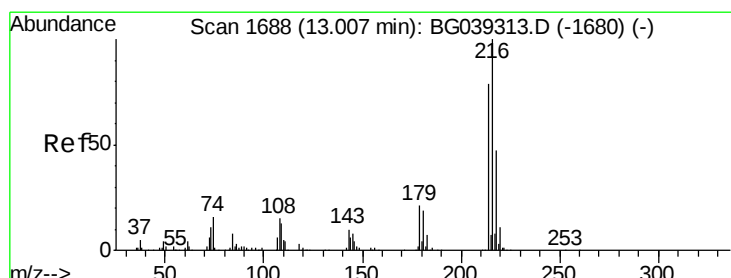
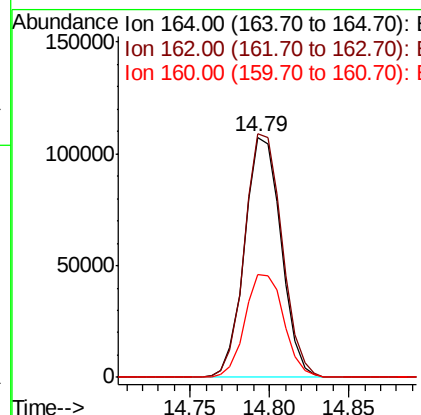
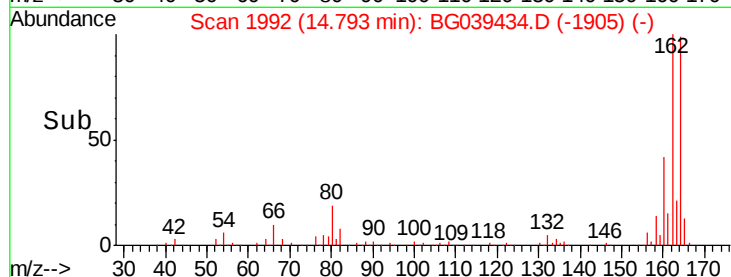
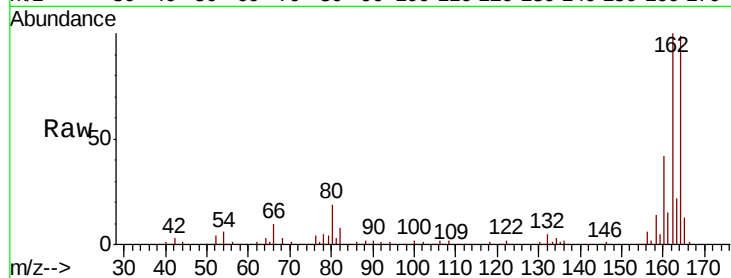
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	164	Resp:	171902
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.6	122.4
160	42.7	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.507 ng

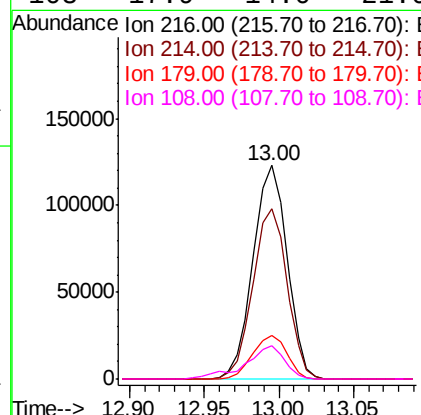
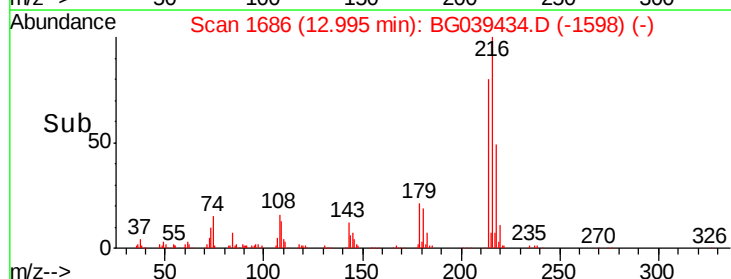
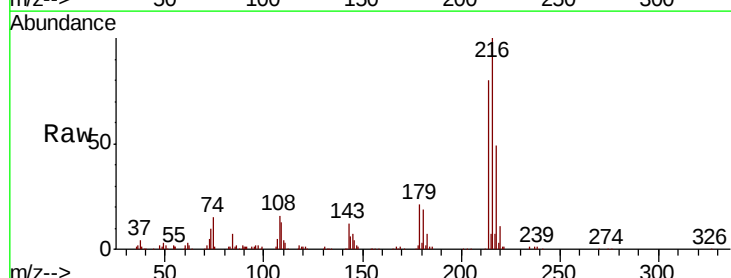
RT: 13.00 min Scan# 1686

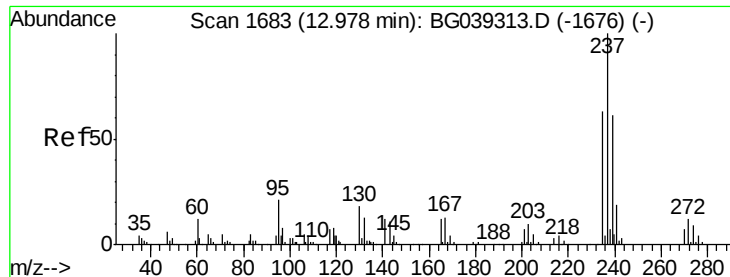
Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	216	Resp:	194204
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.6	94.0
179	20.6	16.6	25.0
108	17.9	14.0	21.0





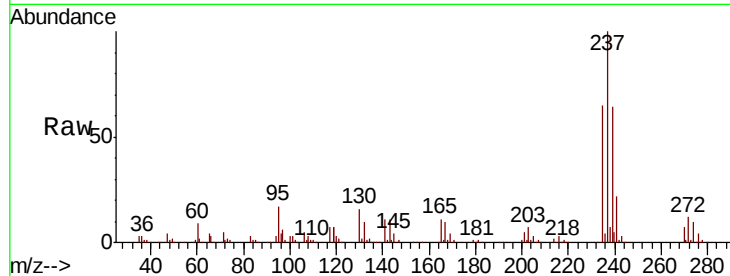
#41
Hexachlorocyclopentadiene
Concen: 78.221 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

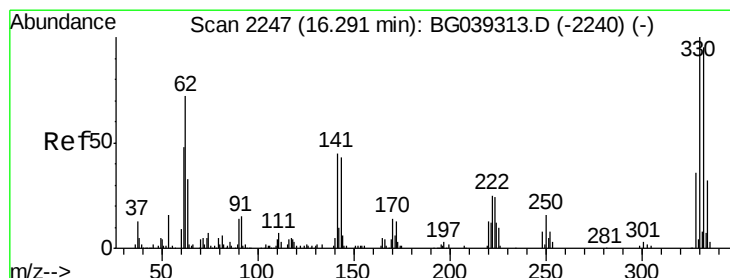
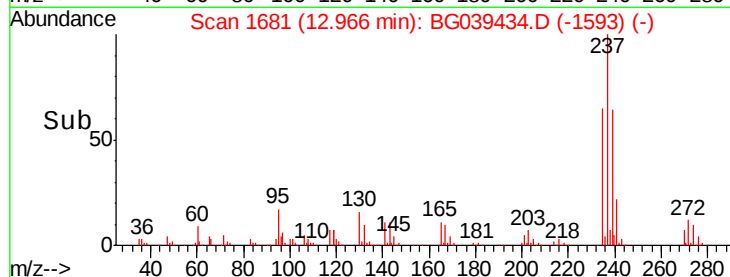
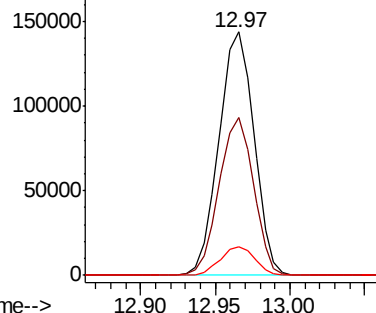
Tot Ion:	237	Resp:	233127
Ion Ratio	Lower	Upper	
237	100		
235	64.7	43.3	83.3
272	12.0	0.0	32.3

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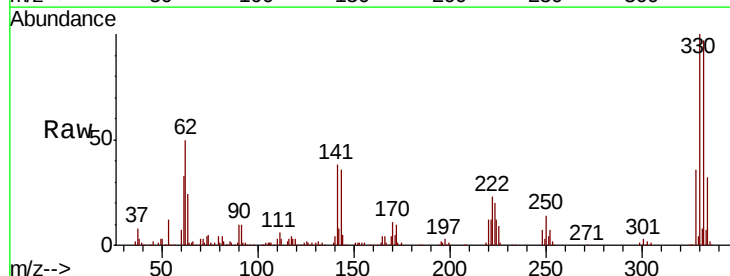


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

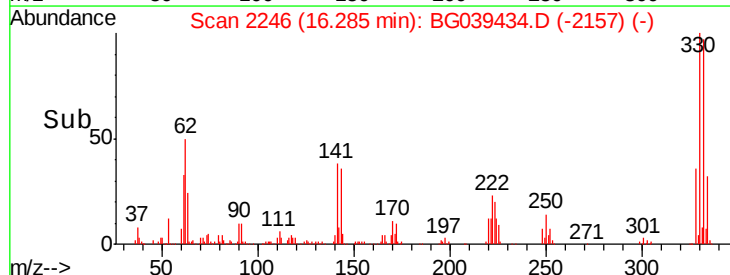
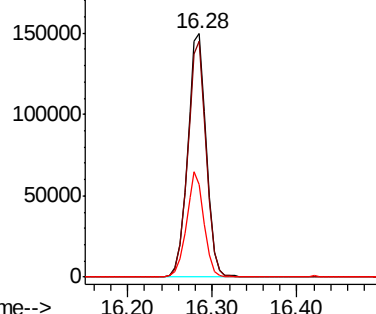


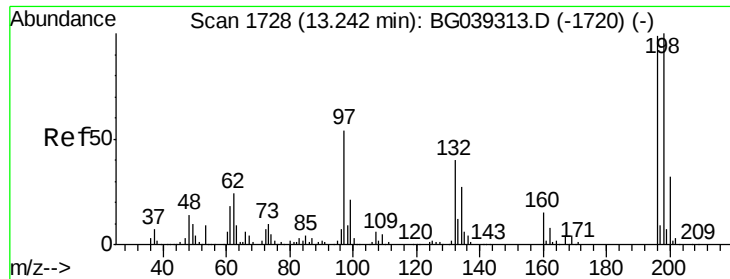
#42
2,4,6-Tribromophenol
Concen: 124.416 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion:	330	Resp:	230305
Ion Ratio	Lower	Upper	
330	100		
332	95.8	75.7	113.5
141	40.5	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





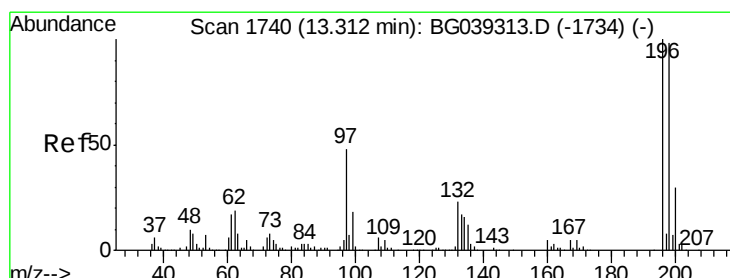
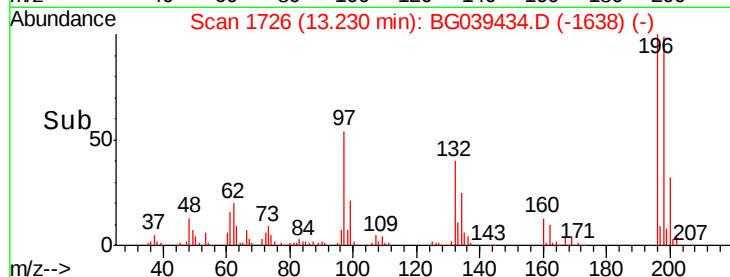
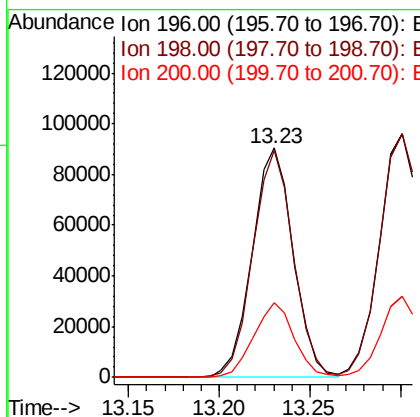
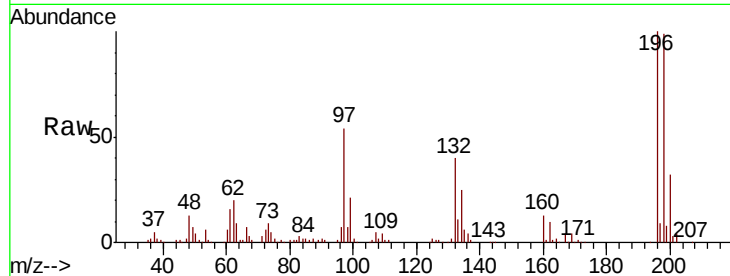
#43
 2,4,6-Trichlorophenol
 Concen: 42.535 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143039		
198	98.7	80.6	121.0	
200	32.4	26.1	39.1	

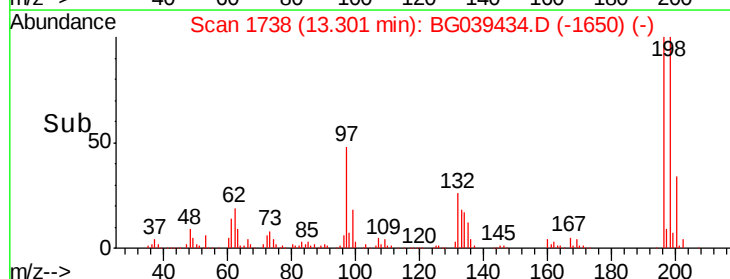
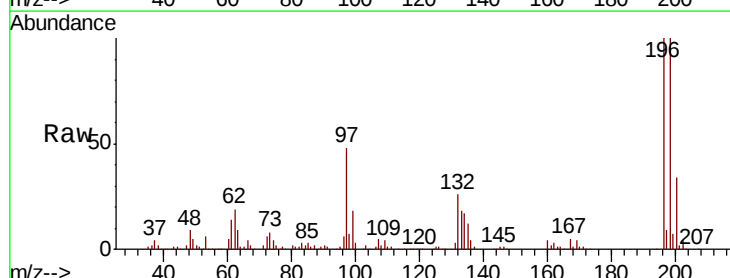
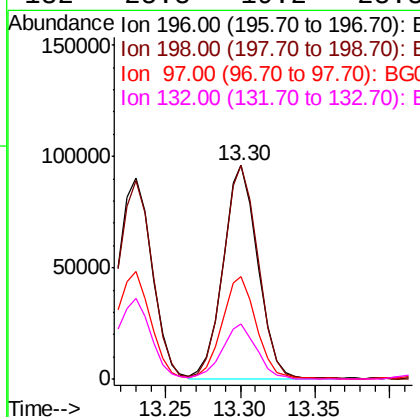
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#44
 2,4,5-Trichlorophenol
 Concen: 44.019 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155148		
198	100.1	78.5	117.7	
97	48.3	38.4	57.6	
132	25.8	19.2	28.8	





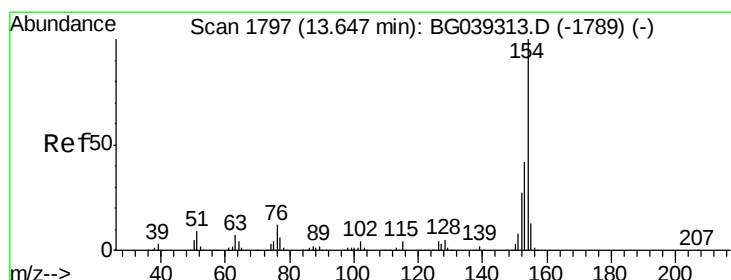
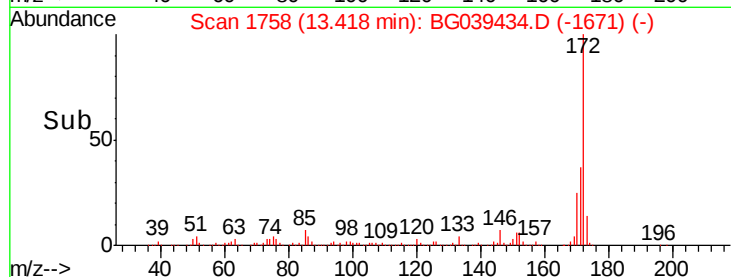
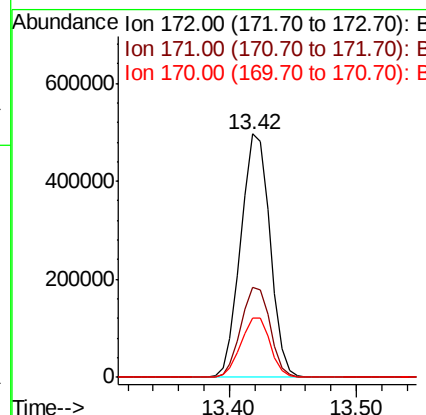
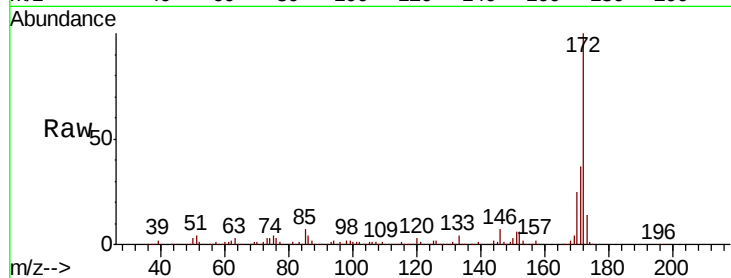
#45
2-Fluorobiphenyl
Concen: 66.084 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.8	46.2
170	24.6	20.2	30.4

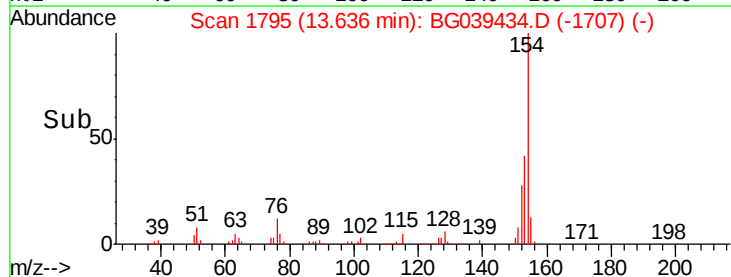
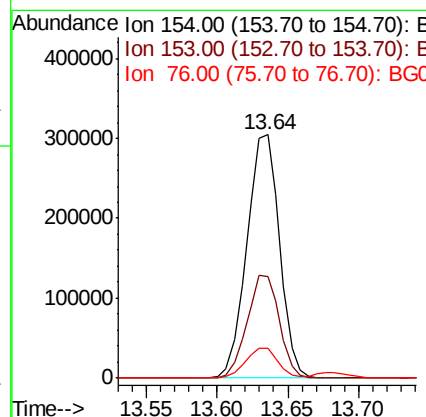
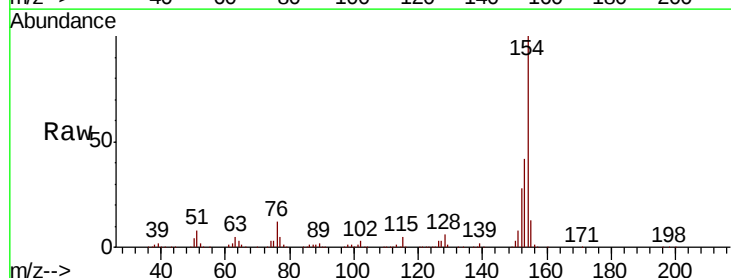
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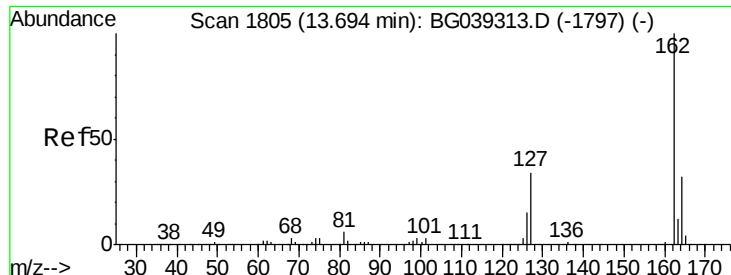
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#46
1,1'-Biphenyl
Concen: 34.401 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	12.4	0.0	32.4





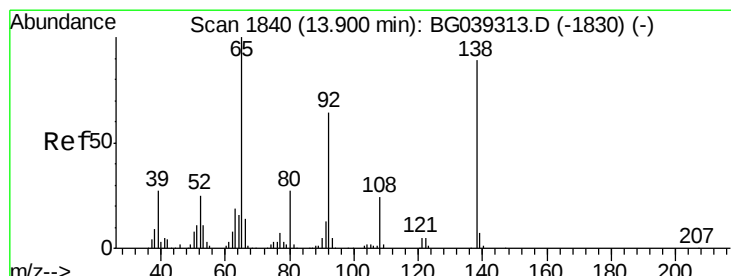
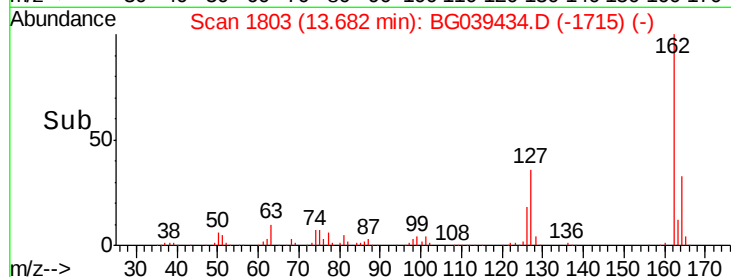
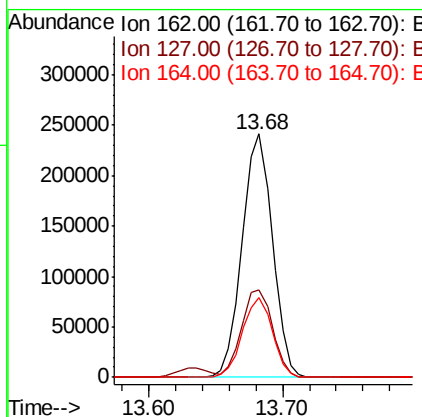
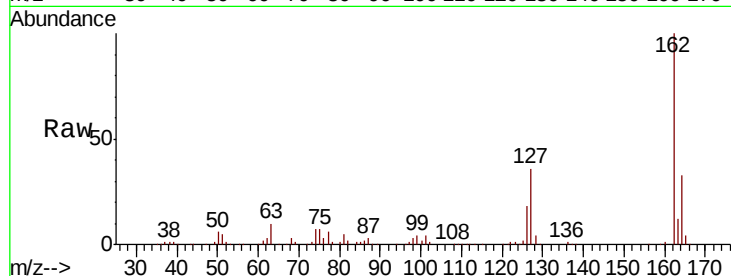
#47
2-Chloronaphthalene
Concen: 35.193 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	31.0	46.6
164	32.6	25.7	38.5

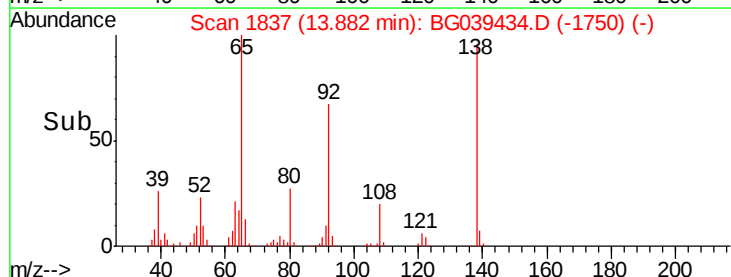
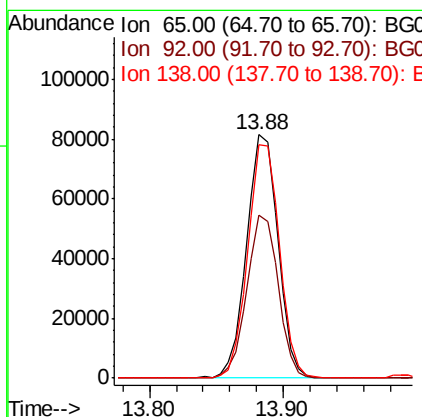
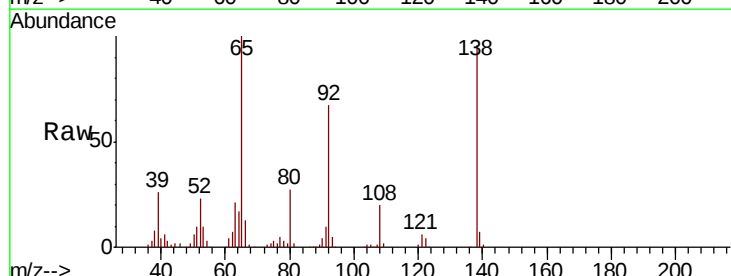
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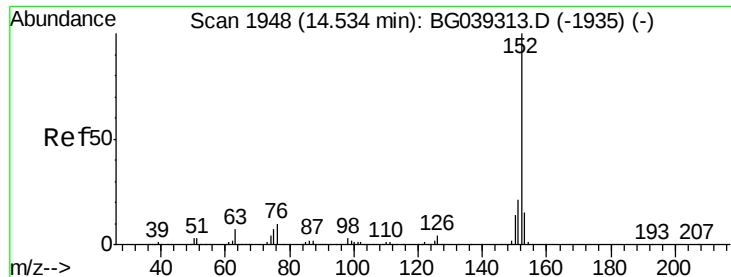
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#48
2-Nitroaniline
Concen: 43.569 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	51.4	77.2
138	95.7	71.4	107.2





#49

Acenaphthylene

Concen: 37.734 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

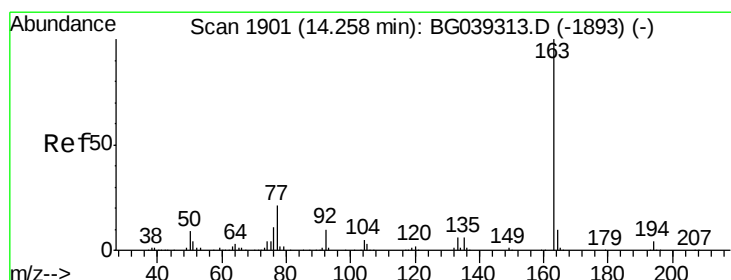
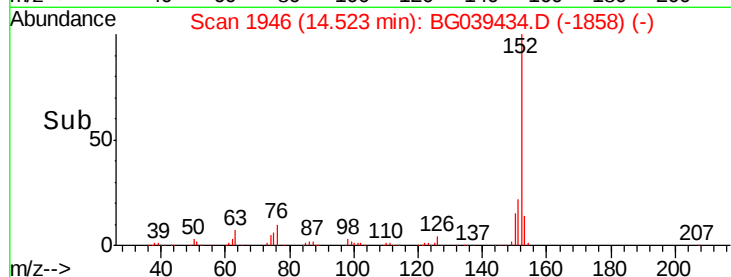
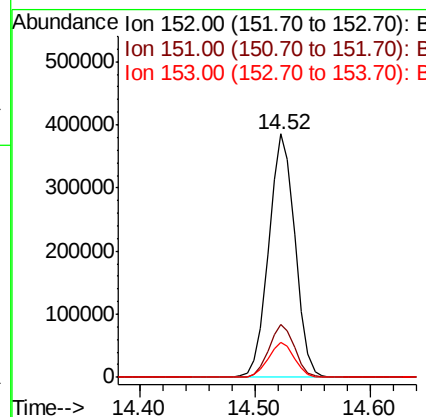
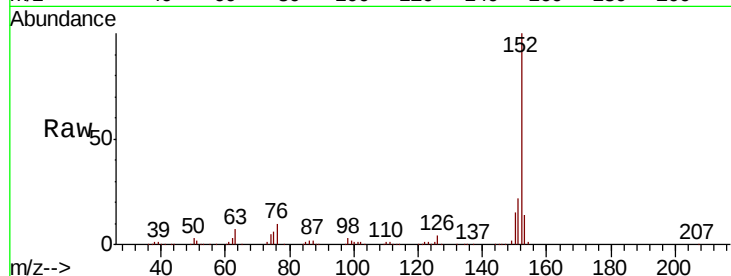
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	152	Resp:	612624
Ion Ratio	Lower	Upper	
152	100		
151	21.8	16.8	25.2
153	14.4	11.7	17.5

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#50

Dimethylphthalate

Concen: 42.767 ng

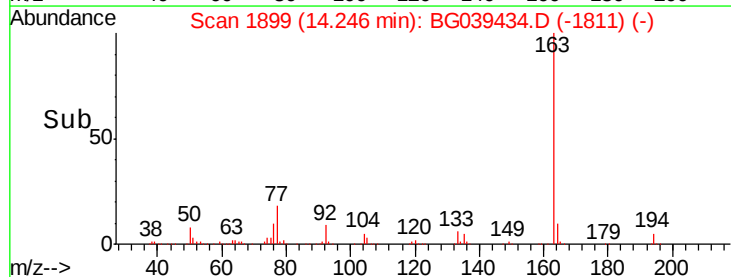
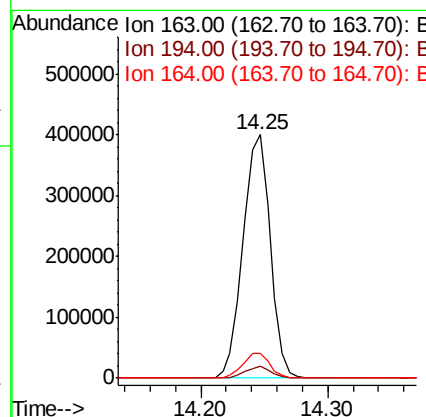
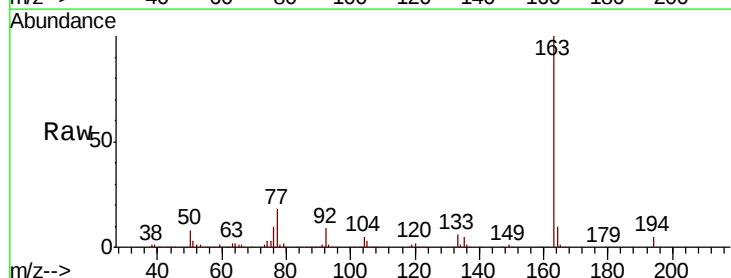
RT: 14.25 min Scan# 1899

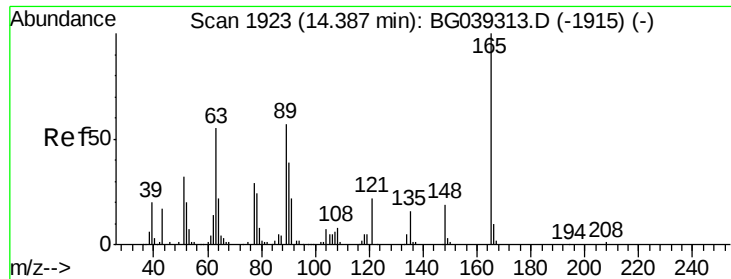
Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	163	Resp:	593750
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.3	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 44.051 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

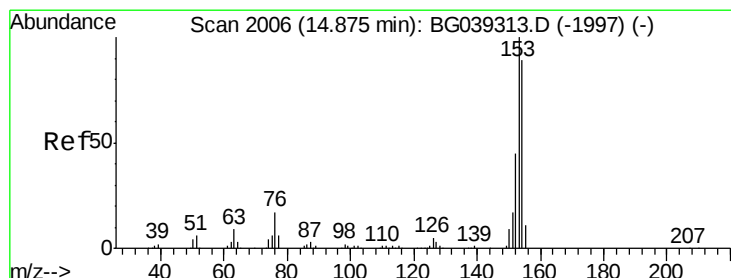
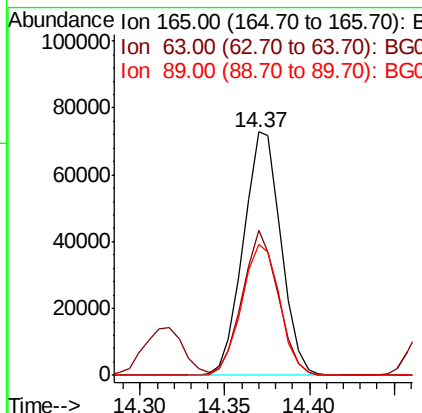
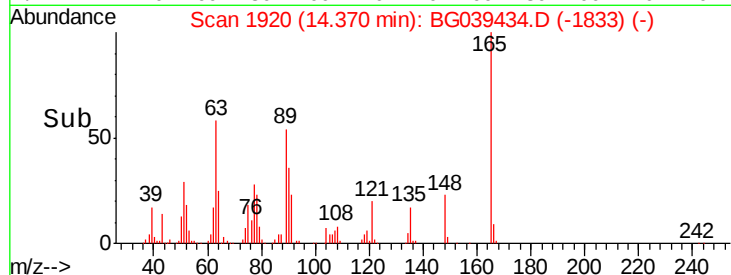
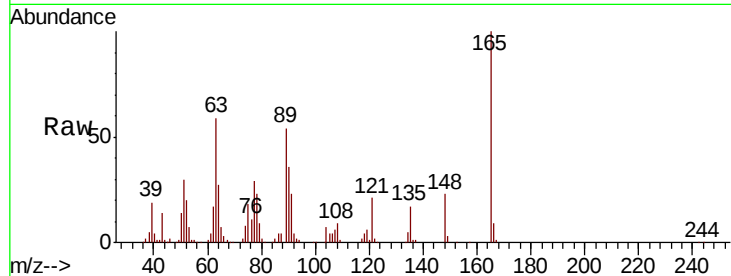
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	165	Resp:	112680
Ion Ratio	Lower	Upper	
165	100		
63	59.4	47.0	70.6
89	53.8	45.8	68.8

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#52

Acenaphthene

Concen: 35.598 ng

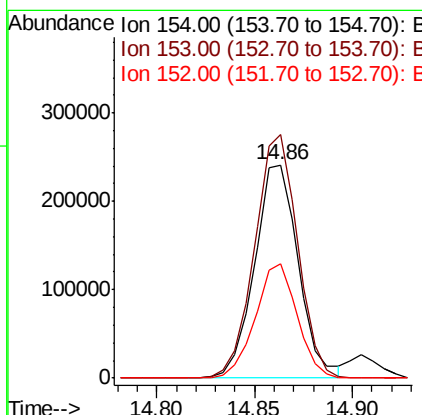
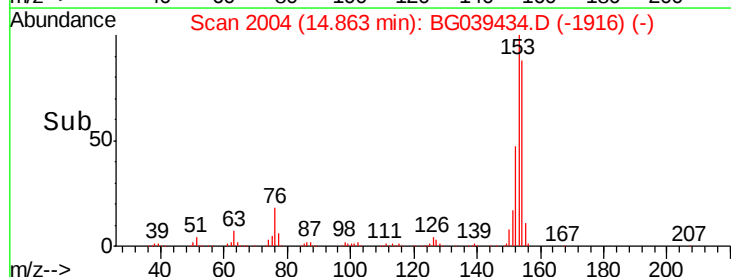
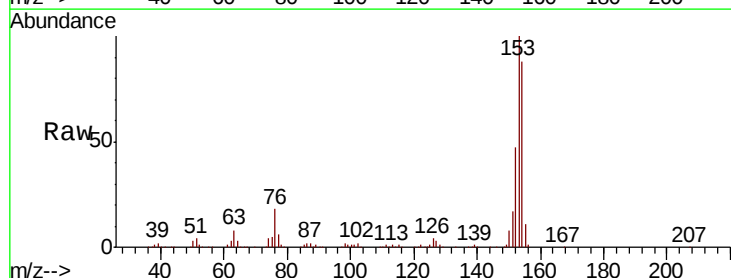
RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	154	Resp:	375154
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.1	135.1
152	53.3	40.9	61.3





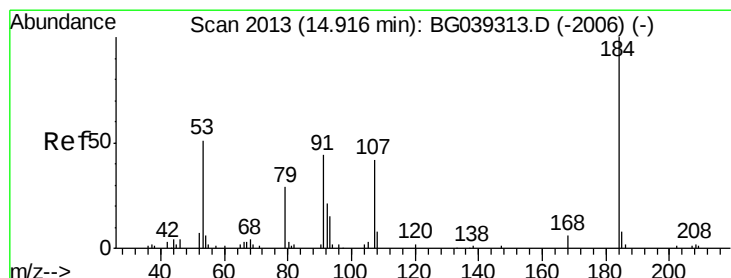
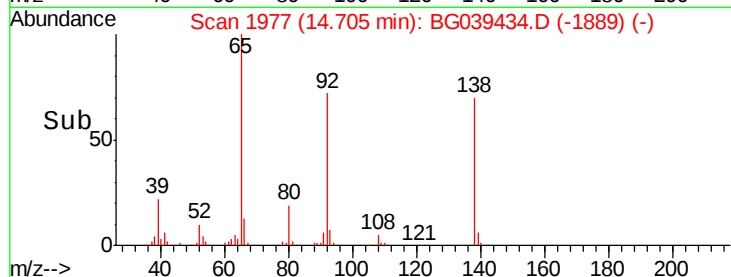
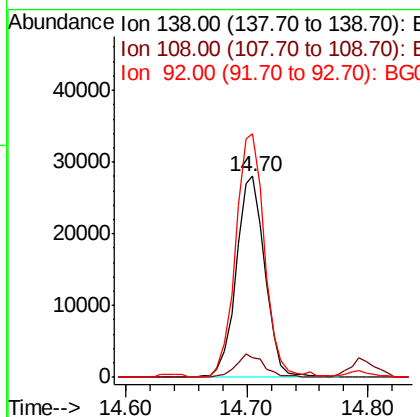
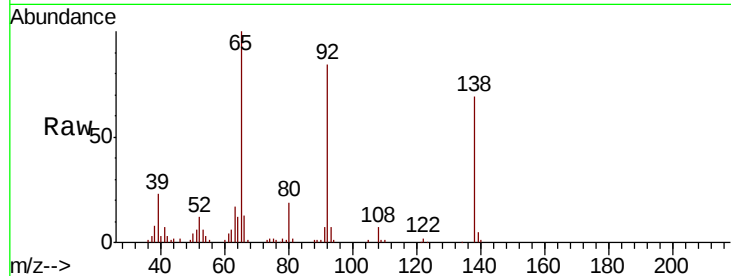
#53
3-Nitroaniline
Concen: 20.365 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion:138 Resp: 46400
Ion Ratio Lower Upper
138 100
108 9.9 13.8 20.8#
92 121.2 103.7 155.5

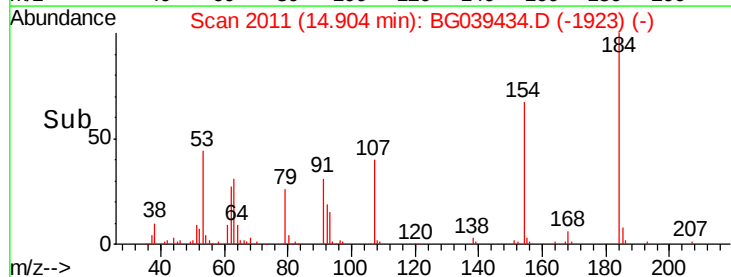
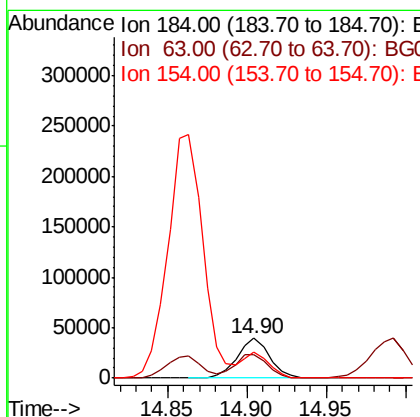
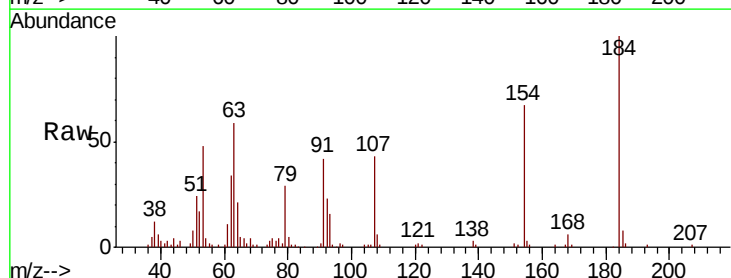
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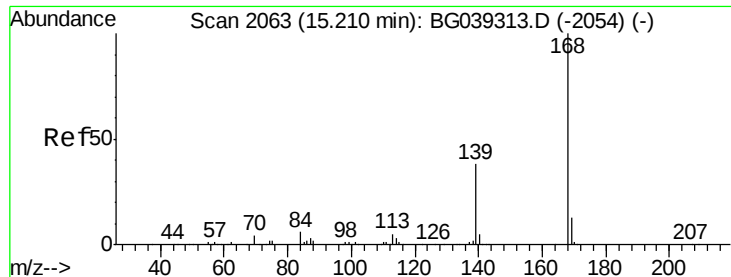
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#54
2,4-Dinitrophenol
Concen: 56.795 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion:184 Resp: 55805
Ion Ratio Lower Upper
184 100
63 58.8 50.9 76.3
154 67.3 53.0 79.6





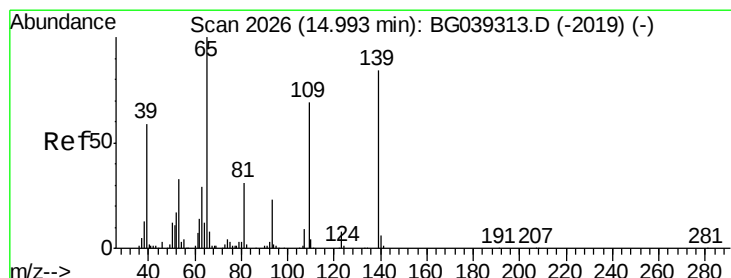
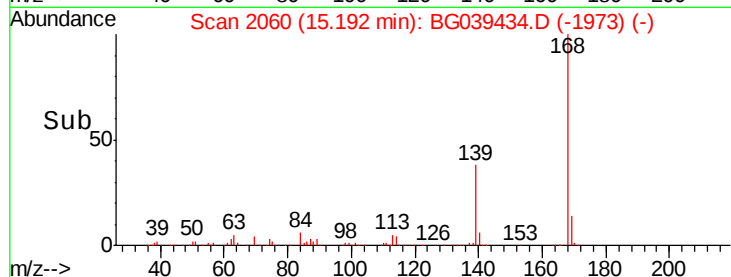
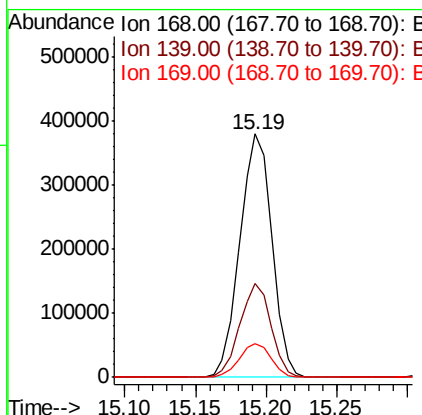
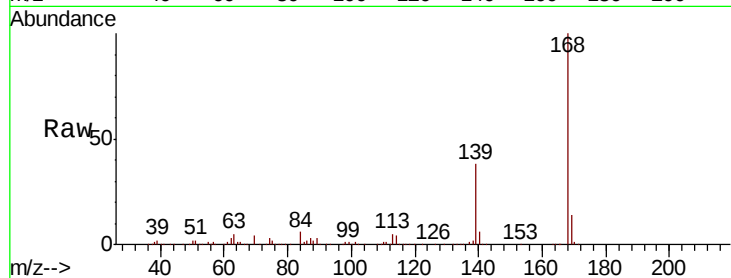
#55
Dibenzofuran
Concen: 35.676 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.0	10.6	16.0

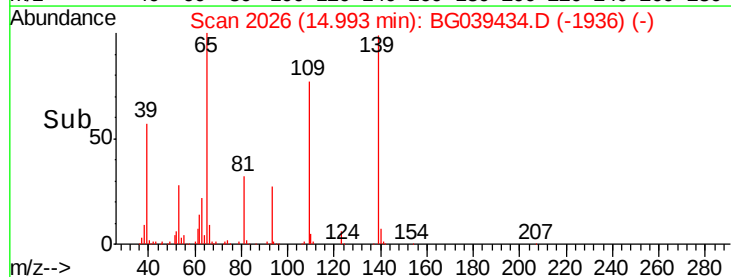
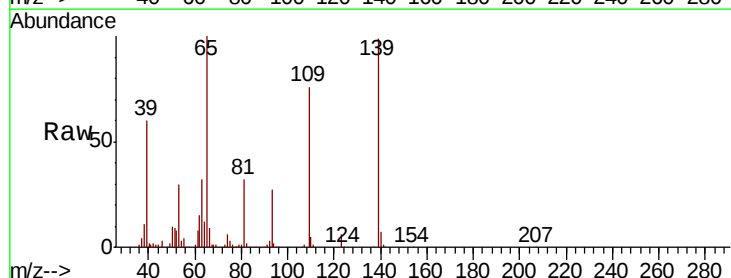
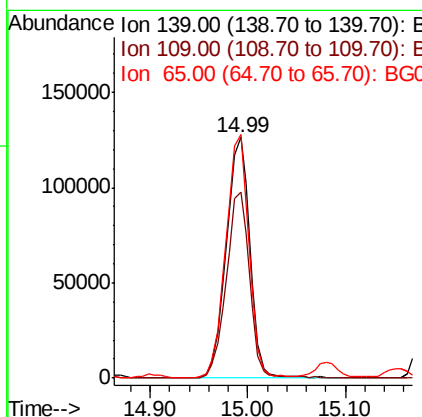
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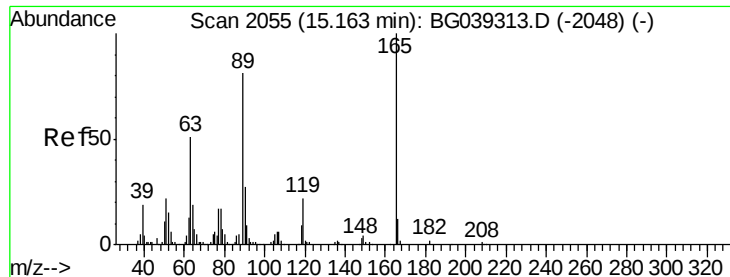
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#56
4-Nitrophenol
Concen: 83.980 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	61.9	101.9
65	101.1	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 48.567 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

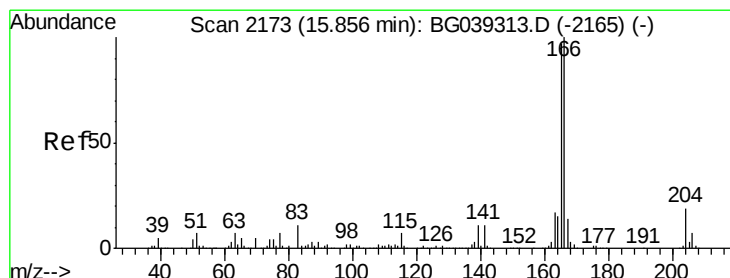
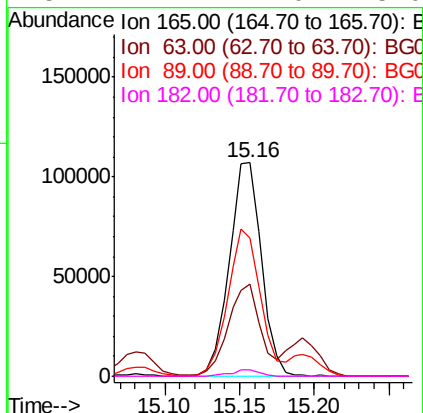
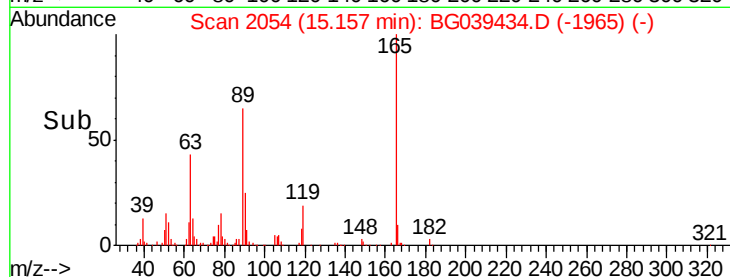
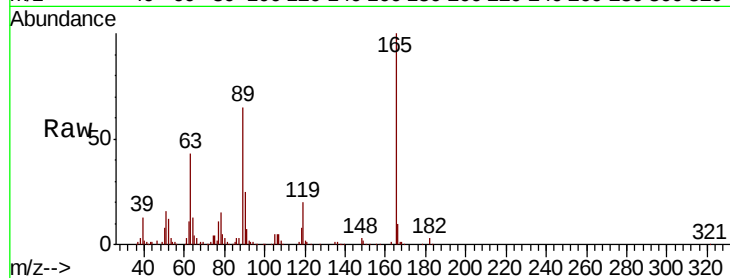
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		161789		
63	43.1		41.0	61.6	
89	64.6		64.6	96.8	
182	2.7		2.0	3.0	

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#58

Fluorene

Concen: 38.233 ng

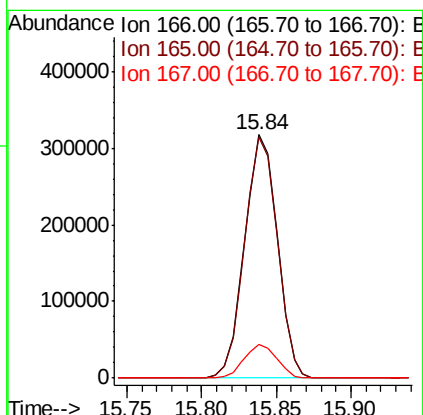
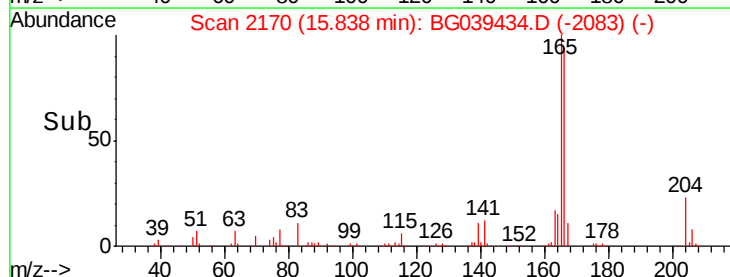
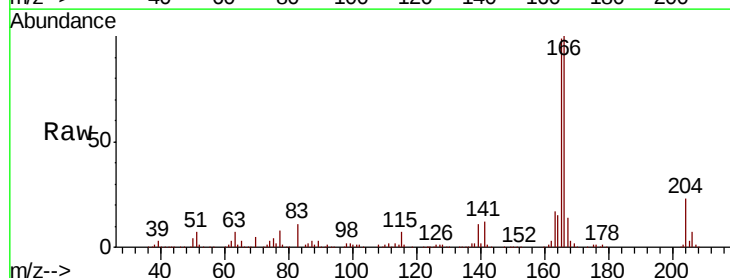
RT: 15.84 min Scan# 2170

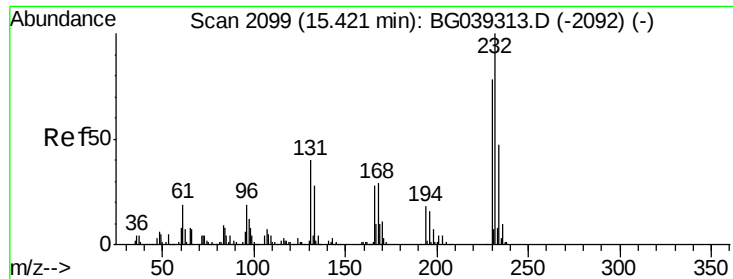
Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		481588		
165	98.8		77.9	116.9	
167	13.7		10.8	16.2	





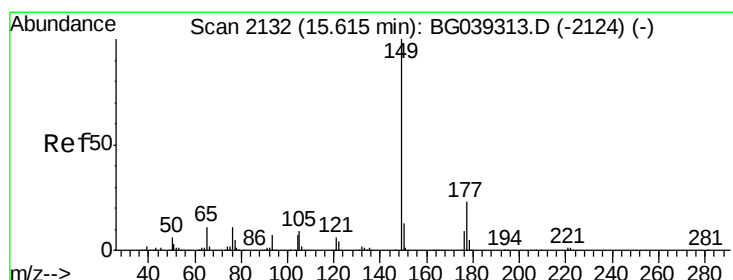
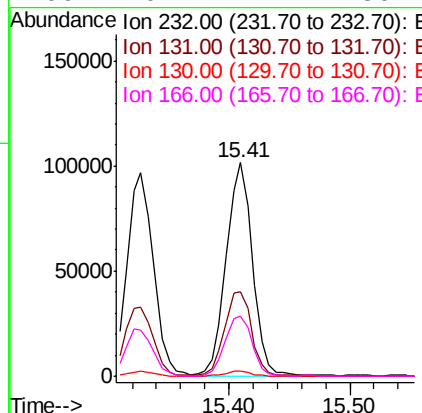
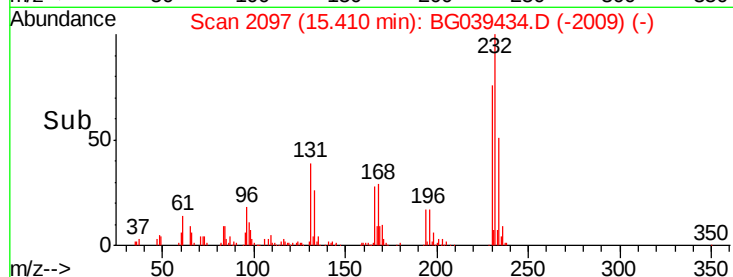
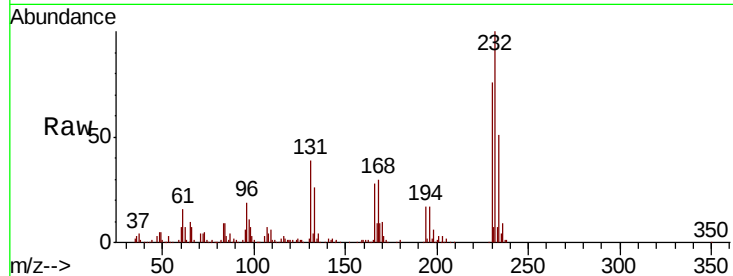
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.365 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	41.2	34.9	52.3		
130	2.3	2.0	3.0		
166	29.4	24.1	36.1		

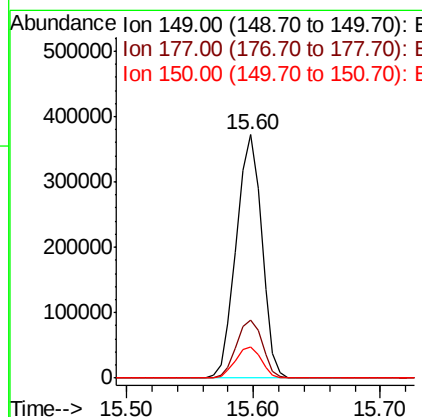
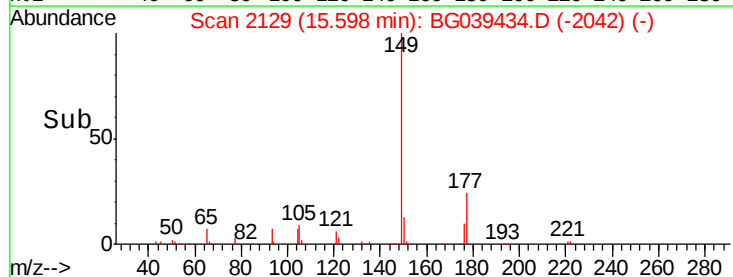
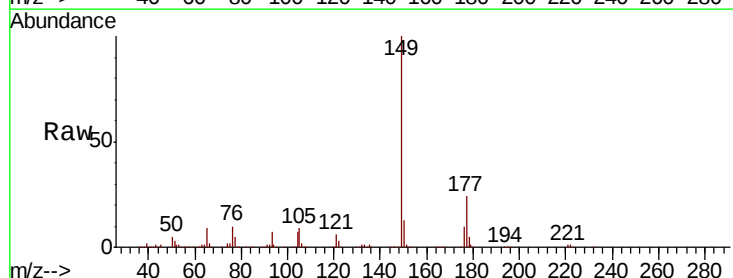
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#60
 Diethylphthalate
 Concen: 36.011 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	24.0	18.3	27.5		
150	12.6	10.2	15.2		





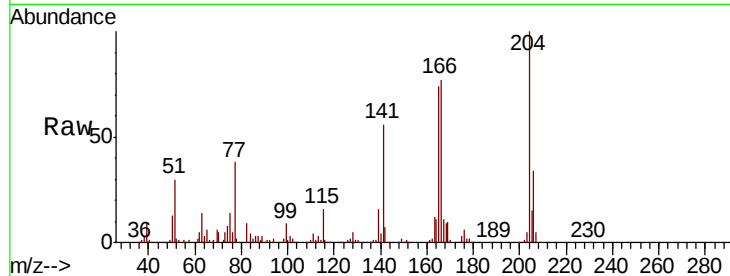
#61
4-Chlorophenyl-phenylether
Concen: 35.748 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

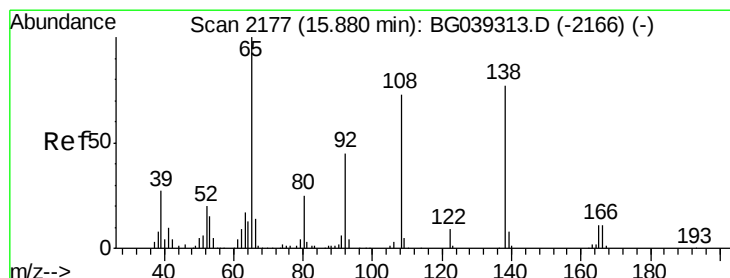
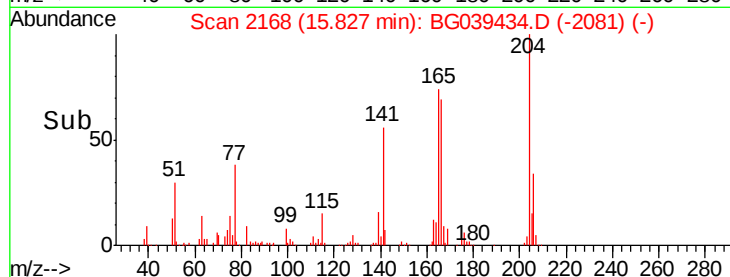
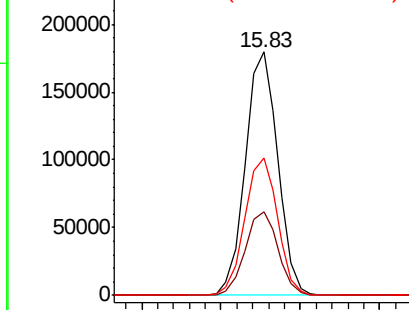
Tot Ion:	204	Resp:	254964
Ion Ratio	Lower	Upper	
204	100		
206	34.2	29.2	43.8
141	56.3	49.0	73.4

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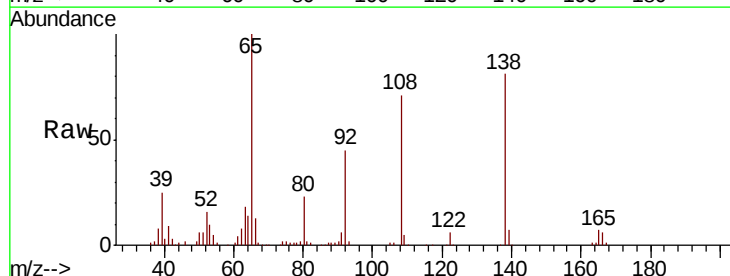


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

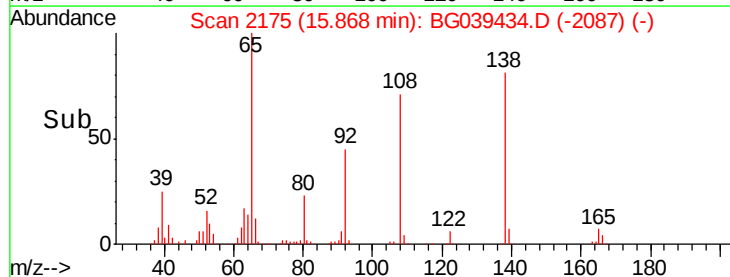
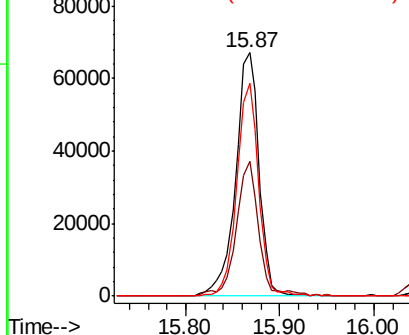


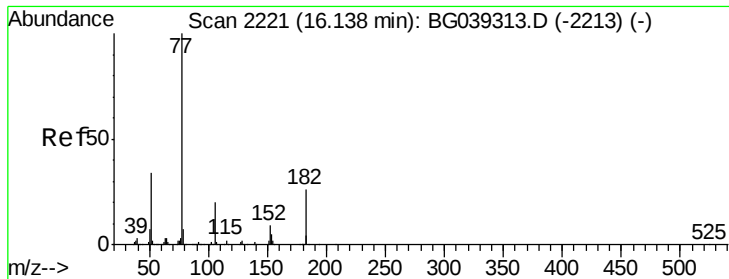
#62
4-Nitroaniline
Concen: 40.720 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion:	138	Resp:	116516
Ion Ratio	Lower	Upper	
138	100		
92	55.3	38.7	78.7
108	87.5	74.6	114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 32.294 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

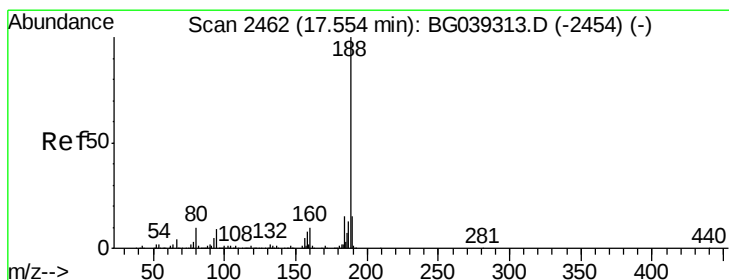
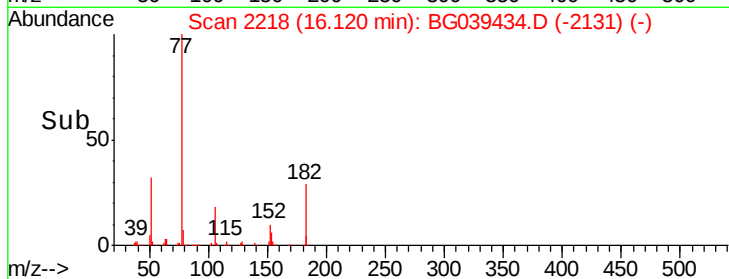
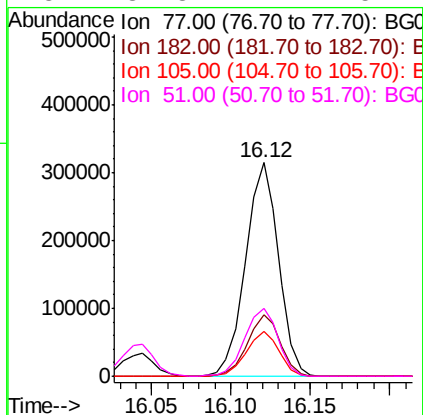
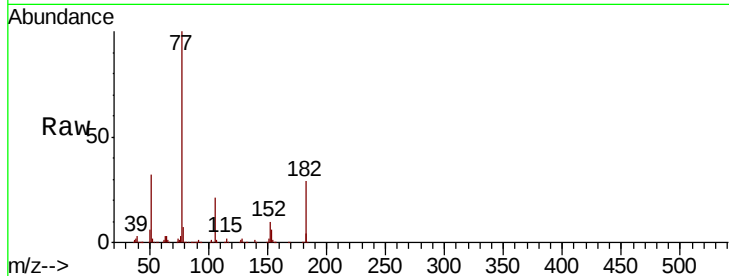
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	6.4	46.4
105	20.8	0.0	39.8
51	31.8	14.1	54.1

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#64

Phenanthrene-d10

Concen: 20.000 ng

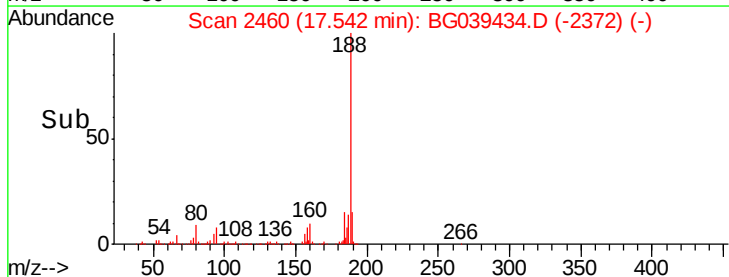
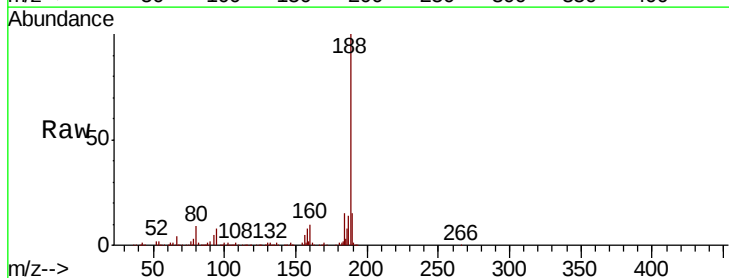
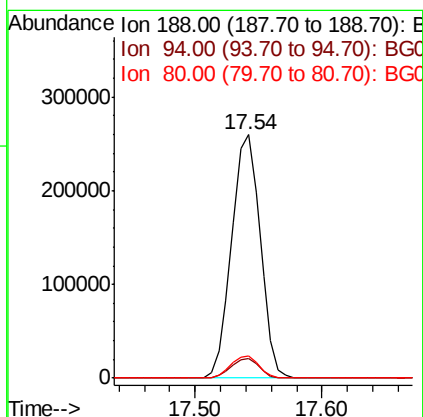
RT: 17.54 min Scan# 2460

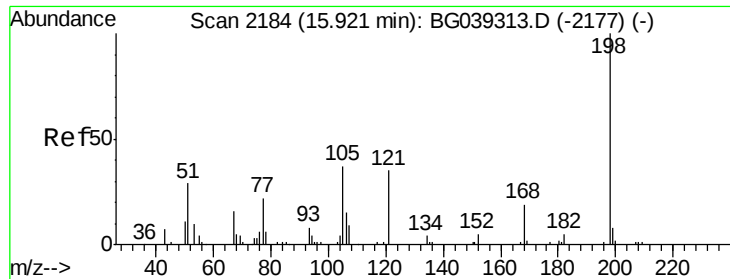
Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	9.1	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 51.740 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

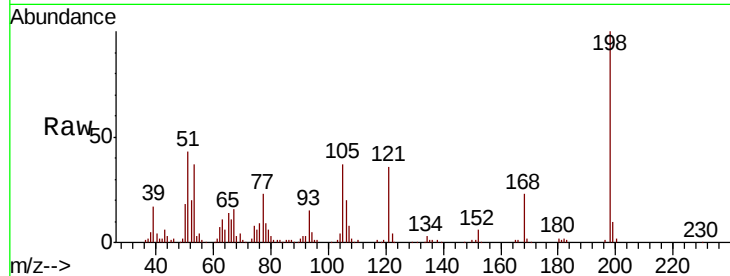
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

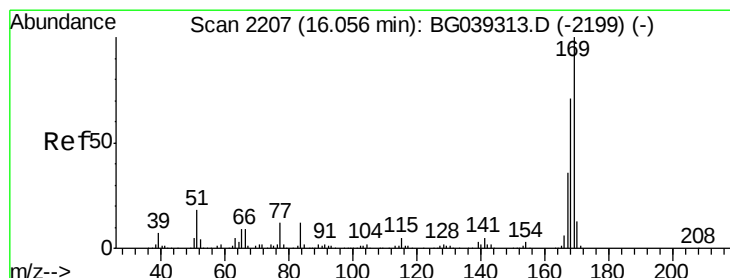
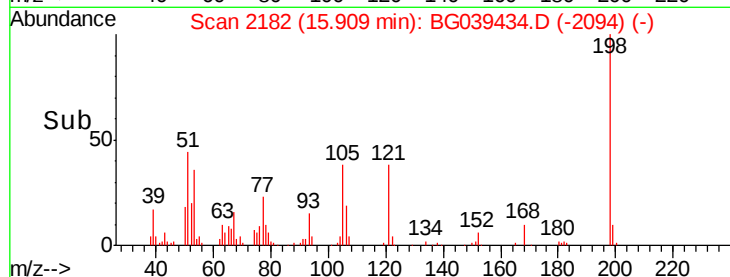
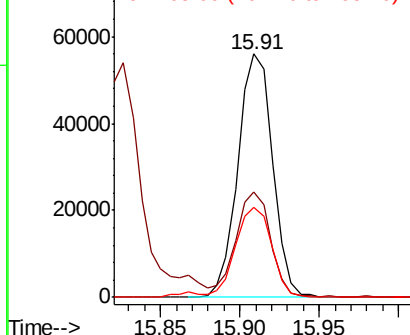
Tot Ion:	198	Resp:	85174
Ion Ratio	Lower	Upper	
198	100		
51	43.2	27.4	67.4
105	37.1	19.7	59.7

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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: 36.347 ng

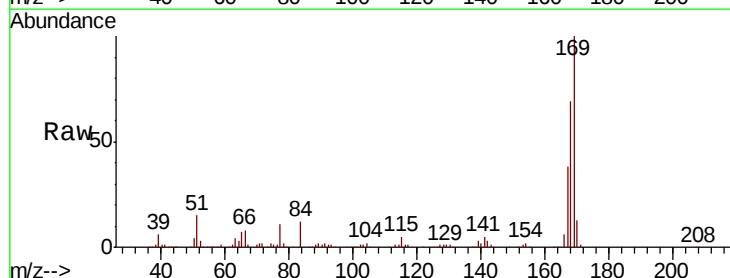
RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

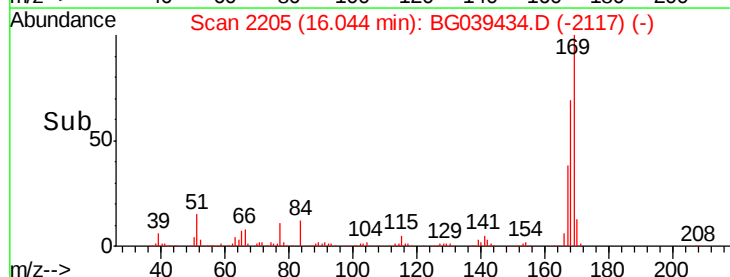
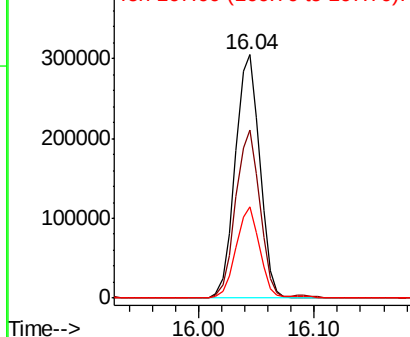
Lab File: BG039434.D

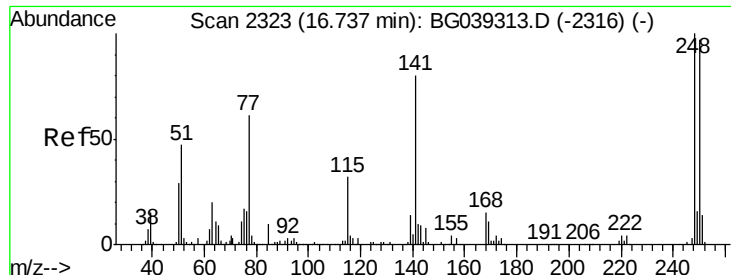
Acq: 11 Feb 2019 14:56

Tgt Ion:	169	Resp:	447698
Ion Ratio	Lower	Upper	
169	100		
168	69.2	56.6	85.0
167	37.6	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: 36.564 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

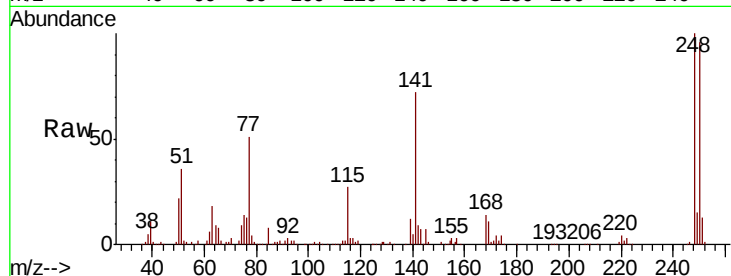
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	248	Resp:	164317
Ion Ratio	Lower	Upper	
248	100		
250	95.5	77.6	116.4
141	72.1	63.9	95.9

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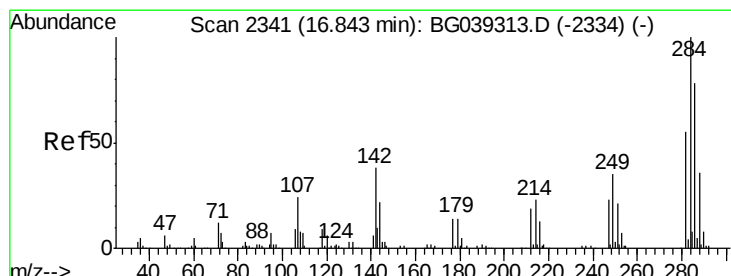
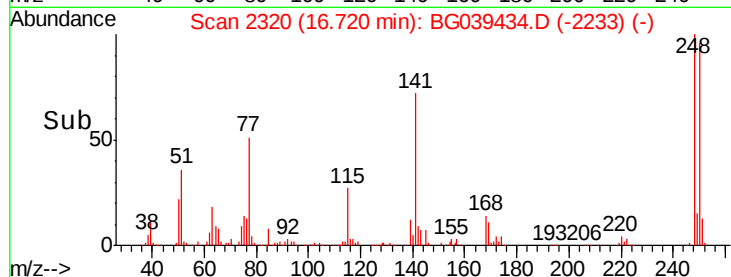
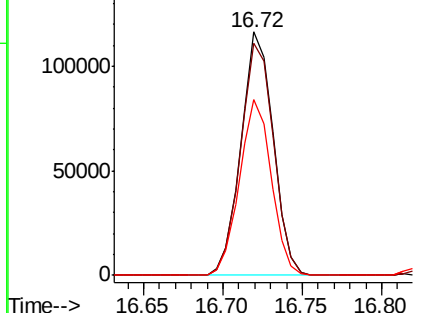


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 38.337 ng

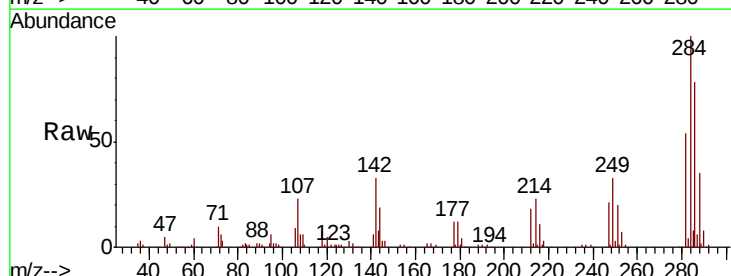
RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	284	Resp:	172852
Ion Ratio	Lower	Upper	
284	100		
142	33.3	30.6	45.8
249	33.3	28.2	42.2

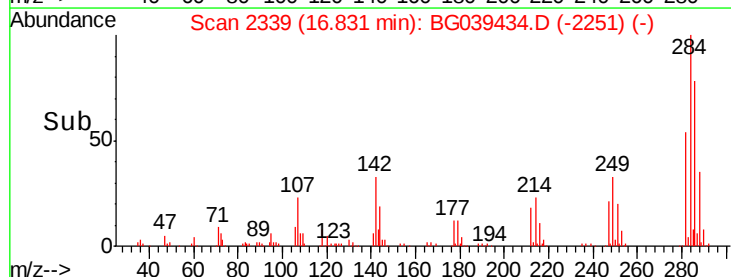
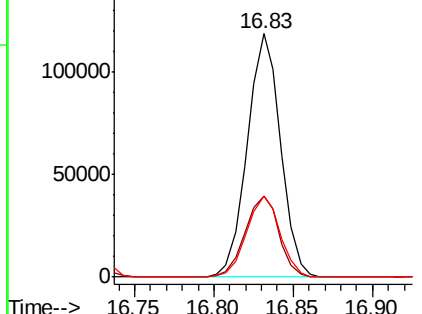


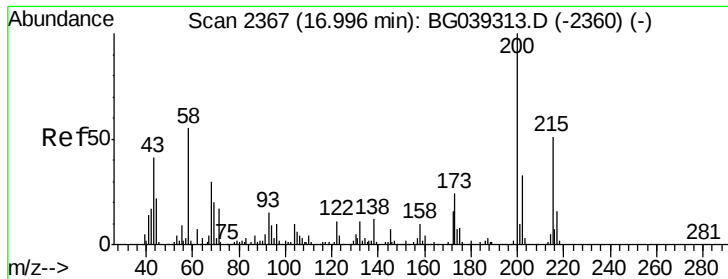
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.921 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

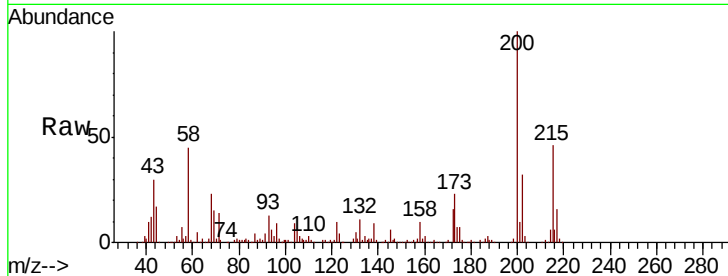
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

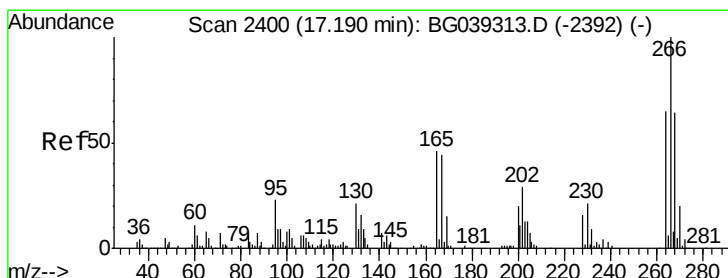
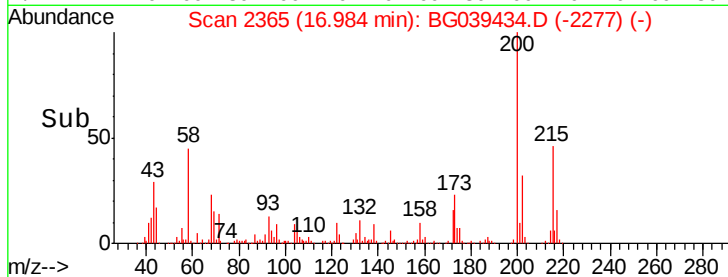
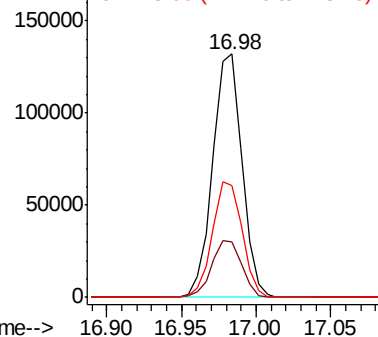
Tot Ion:	200	Resp:	179693
Ion Ratio	Lower	Upper	
200	100		
173	23.0	3.9	43.9
215	45.7	30.9	70.9

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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: 73.869 ng

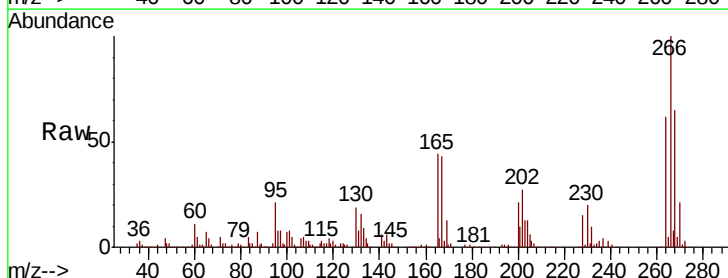
RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

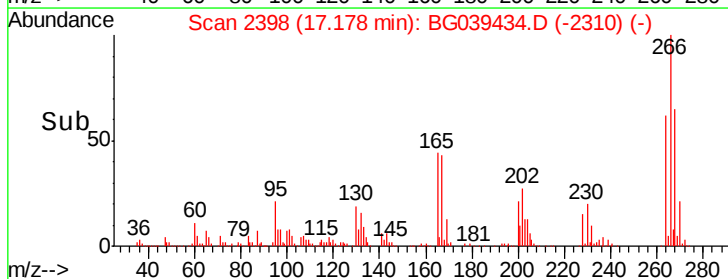
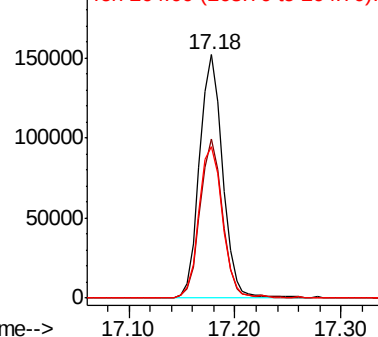
Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	266	Resp:	231484
Ion Ratio	Lower	Upper	
266	100		
268	65.4	51.1	76.7
264	62.2	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





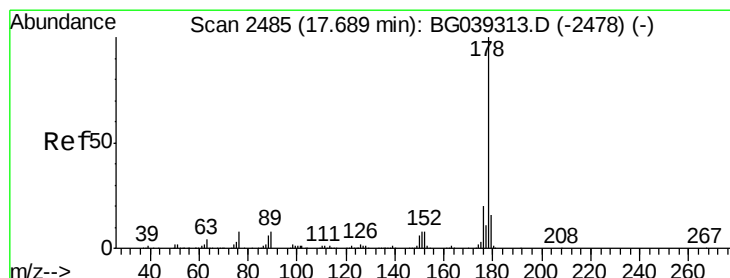
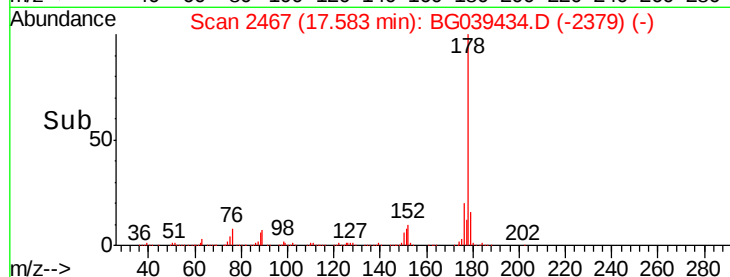
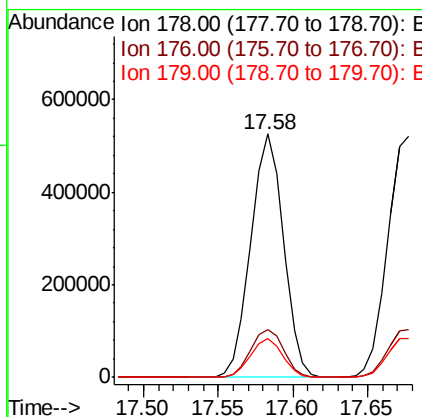
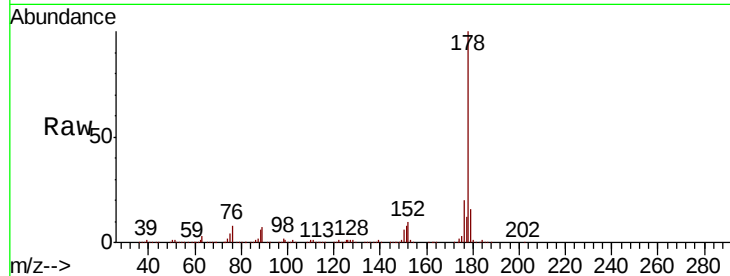
#71
Phenanthrene
Concen: 37.933 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.0	12.6	19.0

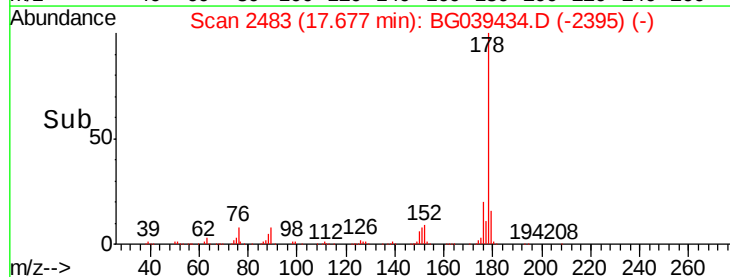
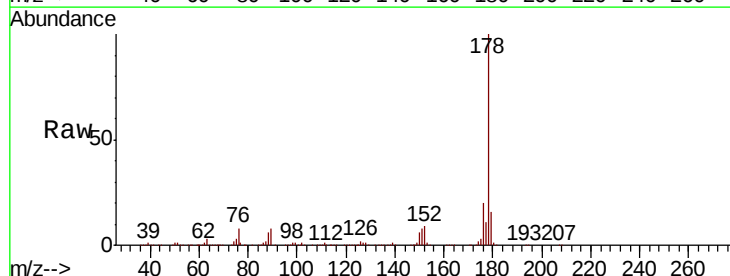
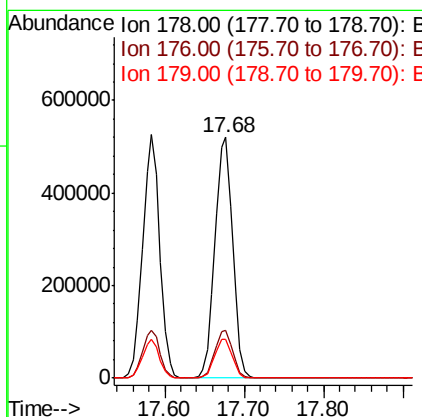
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#72
Anthracene
Concen: 39.041 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039434.D
Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.0	12.5	18.7





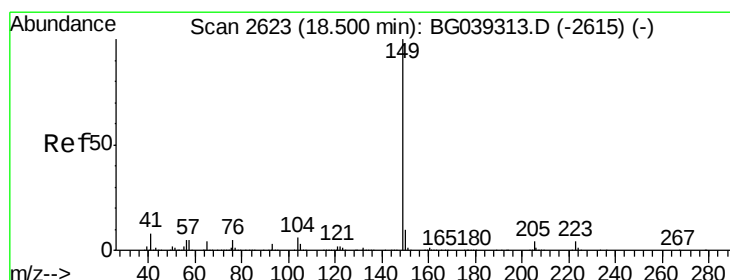
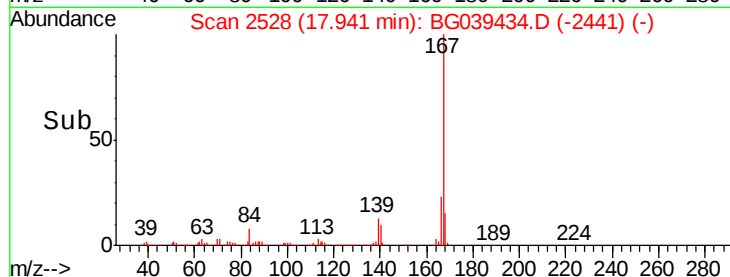
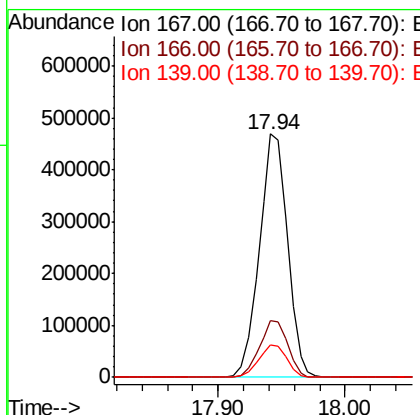
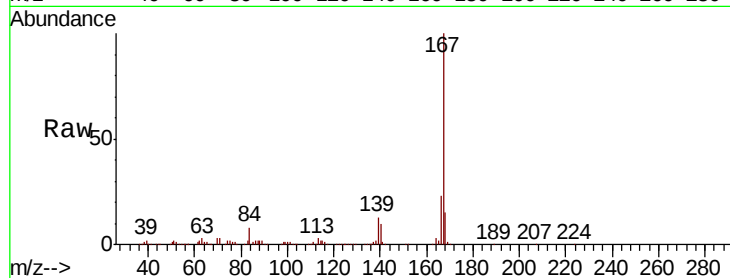
#73
 Carbazole
 Concen: 35.219 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	13.2	10.8	16.2

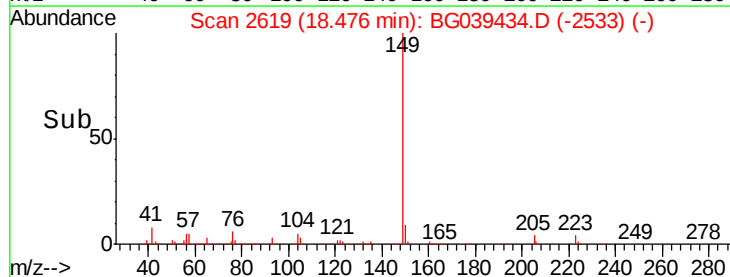
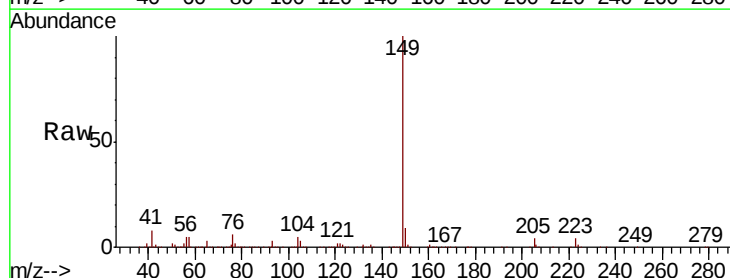
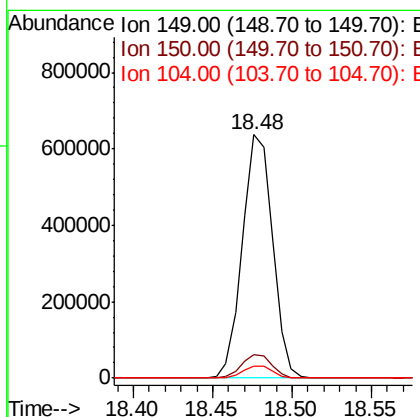
Manual Integrations
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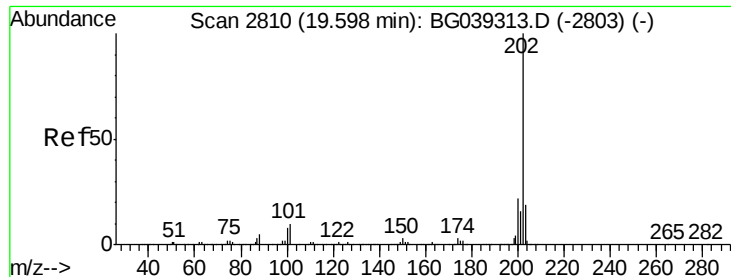
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#74
 Di-n-butylphthalate
 Concen: 35.133 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.9	4.5	6.7





#75

Fluoranthene

Concen: 38.139 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

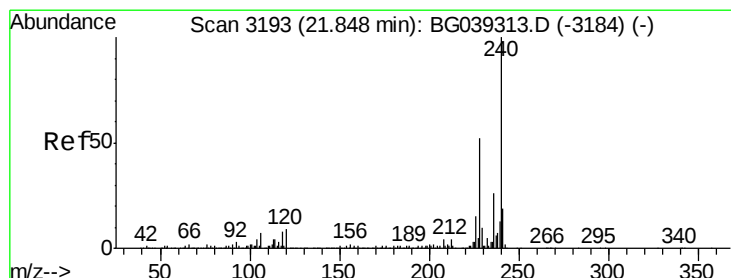
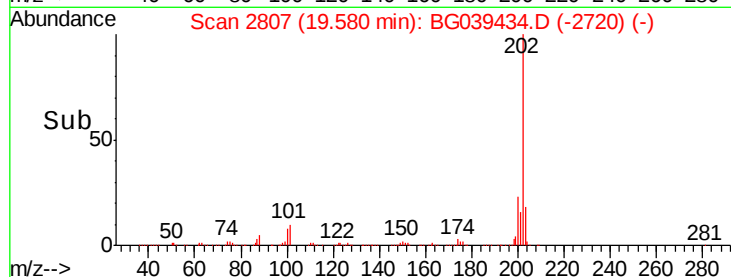
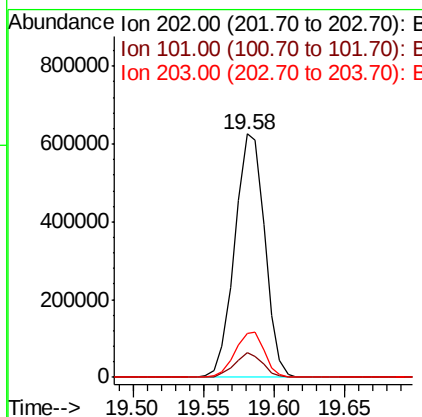
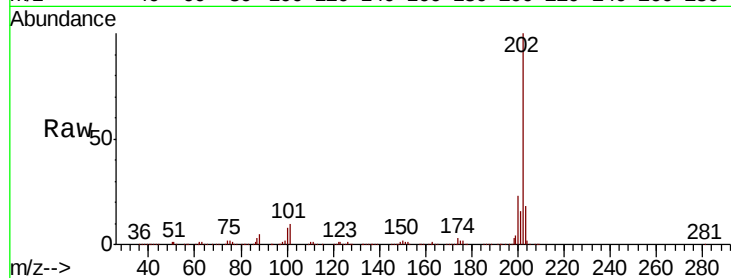
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.0
203	18.1	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

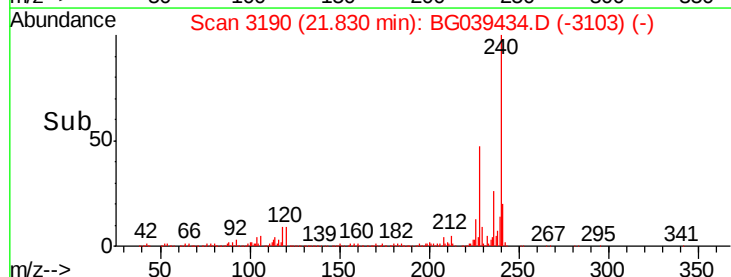
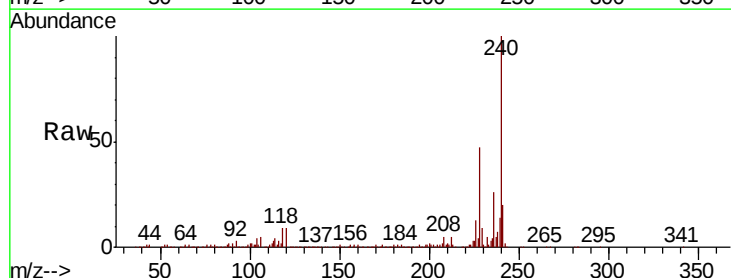
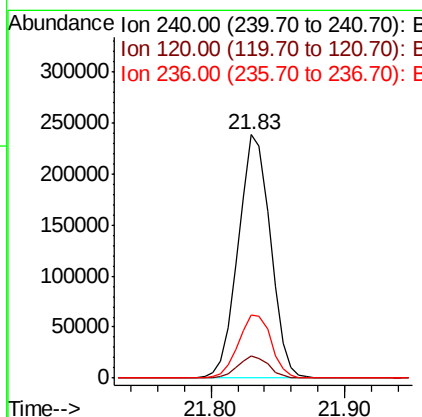
RT: 21.83 min Scan# 3190

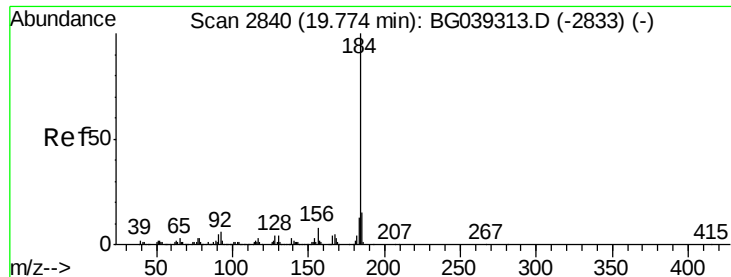
Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.3	7.0	10.6
236	26.1	21.0	31.4





#77

Benzidine

Concen: 19.807 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

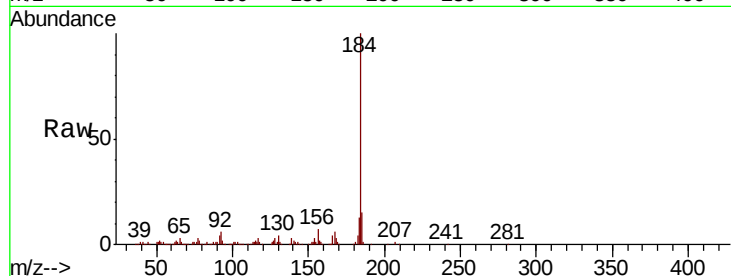
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

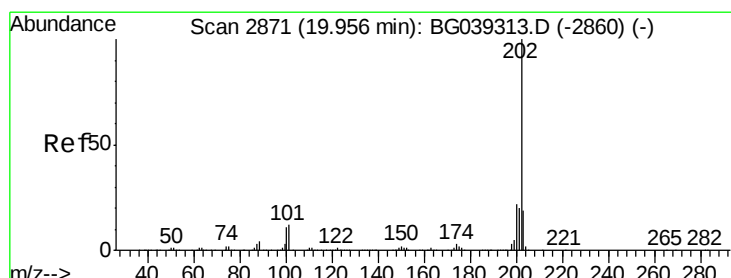
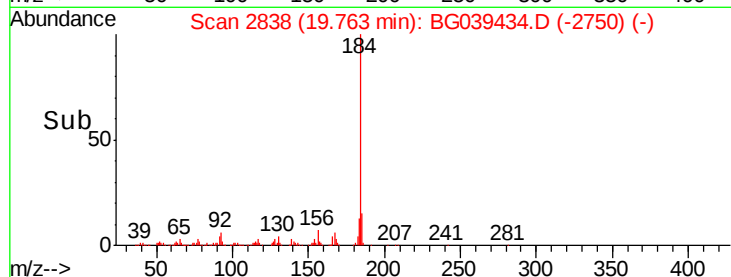
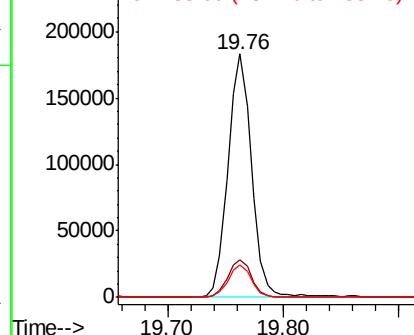
Tot Ion:	184	Resp:	259342
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.2	18.2
183	13.1	10.6	15.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.330 ng

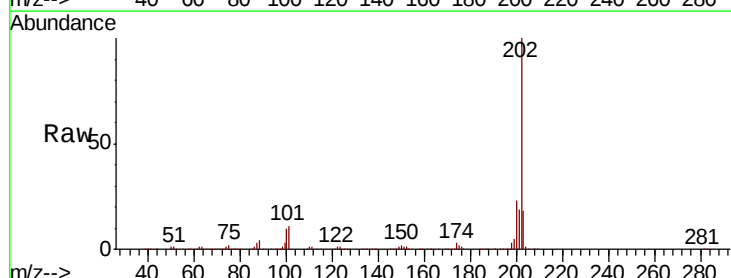
RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

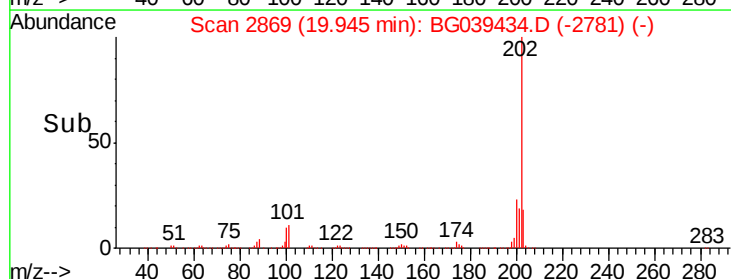
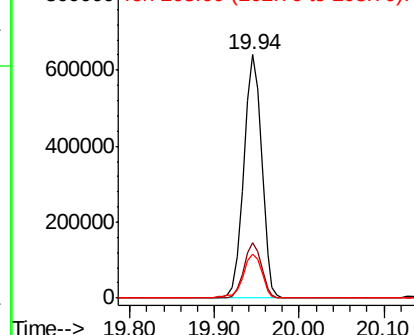
Lab File: BG039434.D

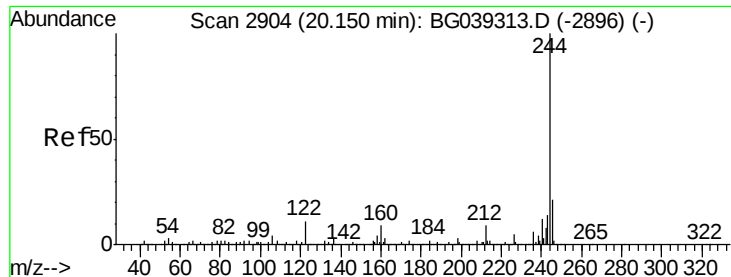
Acq: 11 Feb 2019 14:56

Tgt Ion:	202	Resp:	928097
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.8	26.8
203	18.3	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.552 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

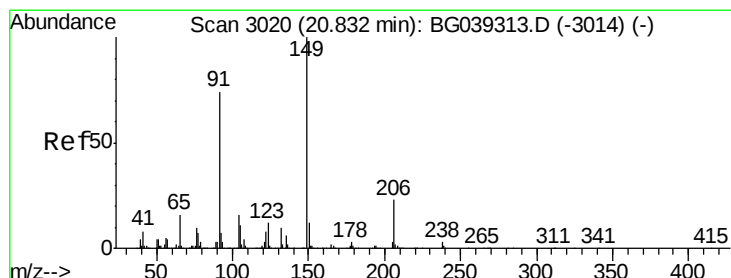
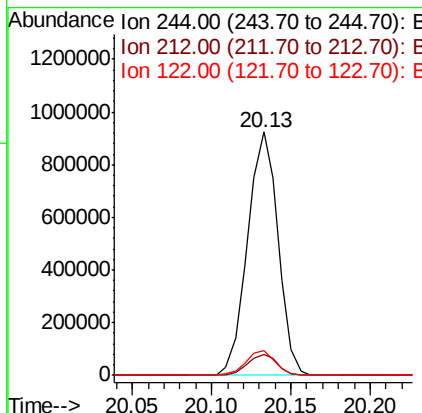
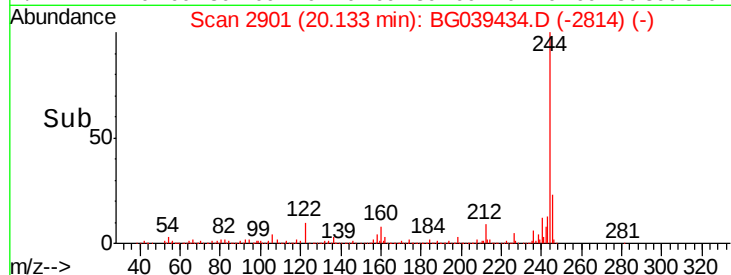
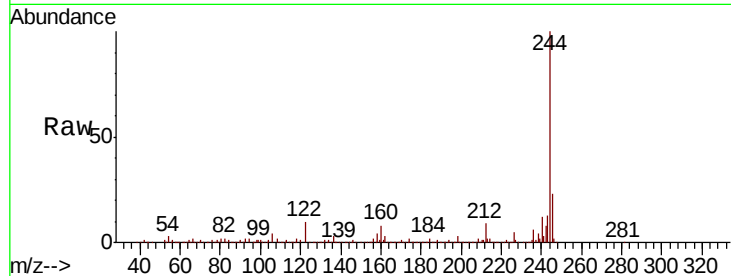
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	244	Resp:	1236809
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	10.3	8.4	12.6

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 37.319 ng

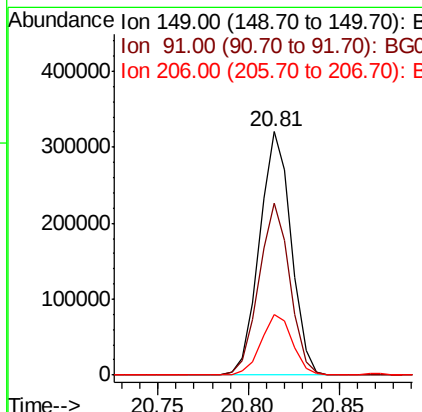
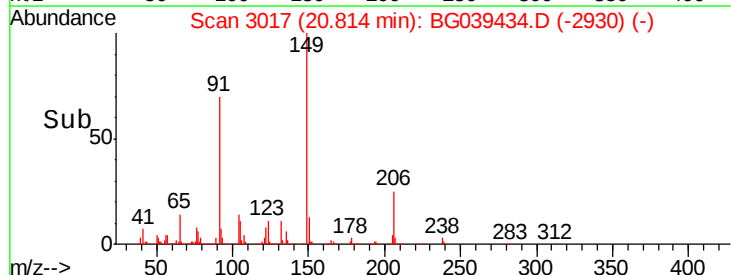
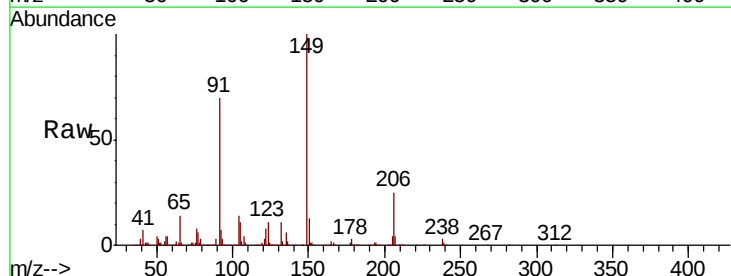
RT: 20.81 min Scan# 3017

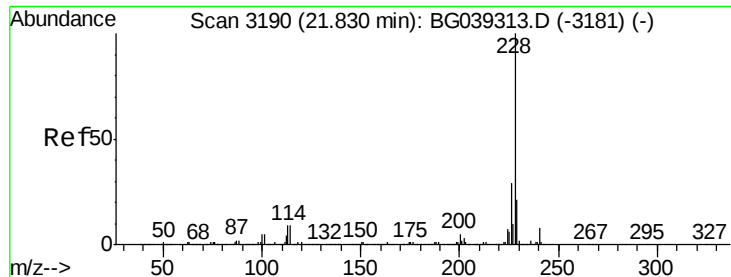
Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	149	Resp:	391385
Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.5	89.3
206	24.7	18.6	27.8





#81

Benzo(a)anthracene

Concen: 38.451 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

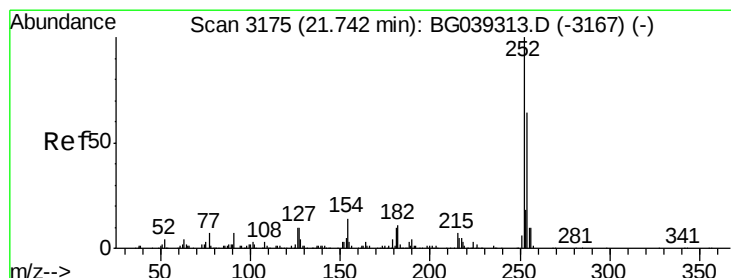
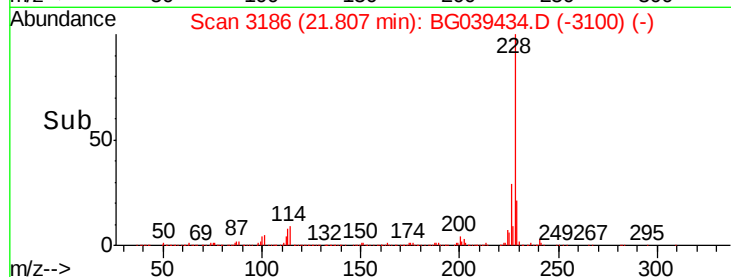
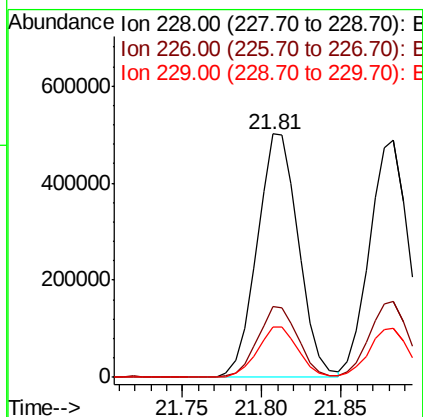
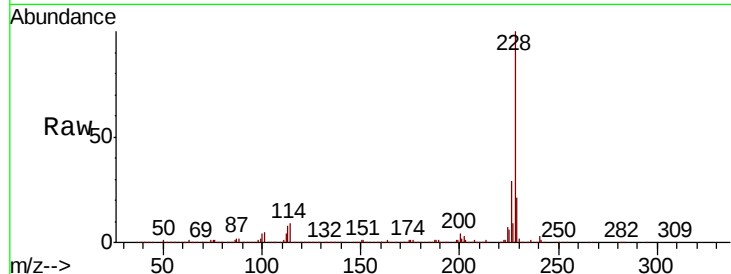
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion:	228	Resp:	907377
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.0	34.6
229	20.9	16.9	25.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 20.758 ng

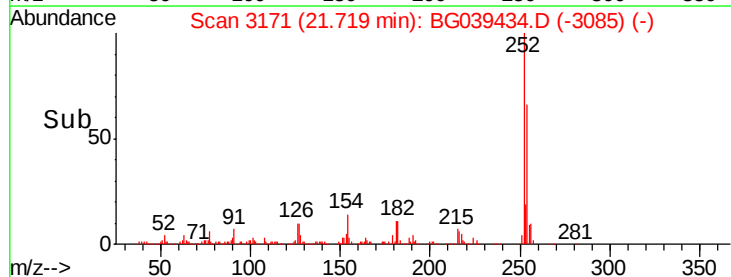
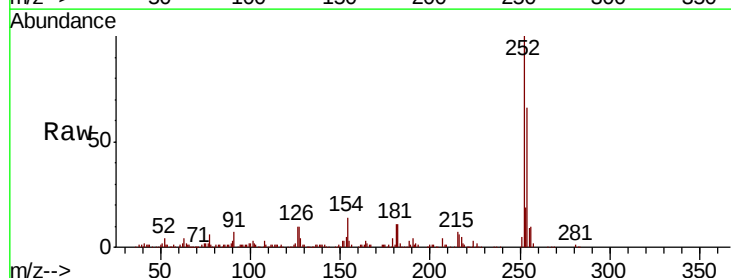
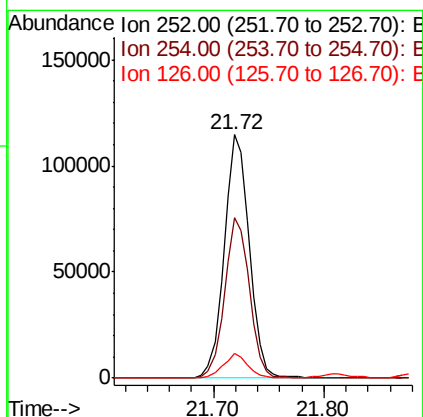
RT: 21.72 min Scan# 3171

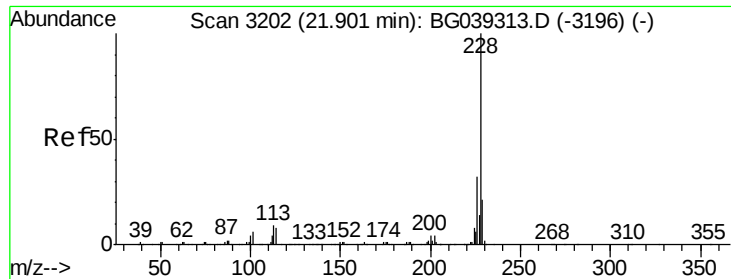
Delta R.T. -0.02 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	252	Resp:	181634
Ion Ratio	Lower	Upper	
252	100		
254	66.0	51.3	76.9
126	10.1	8.0	12.0





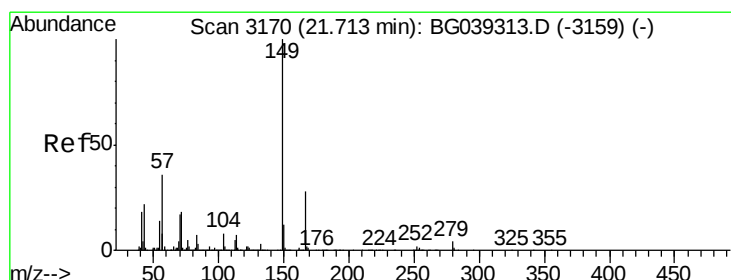
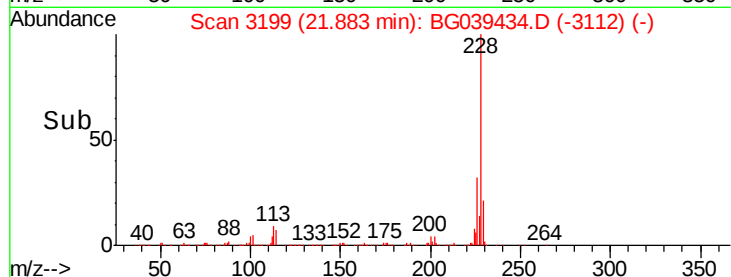
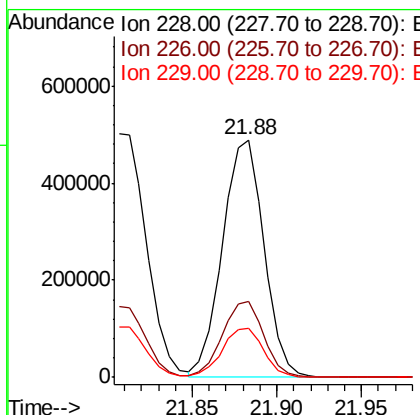
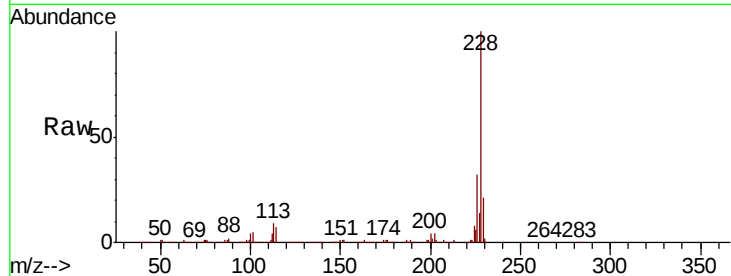
#83
 Chrysene
 Concen: 37.110 ng
 RT: 21.88 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Instrument :
 BNA_G
 ClientSampleId :
 A0C12-SS1-7.5-8.0MSD

Tot Ion:	228	Resp:	833654
Ion Ratio	Lower	Upper	
228	100		
226	32.0	25.8	38.6
229	20.9	16.6	25.0

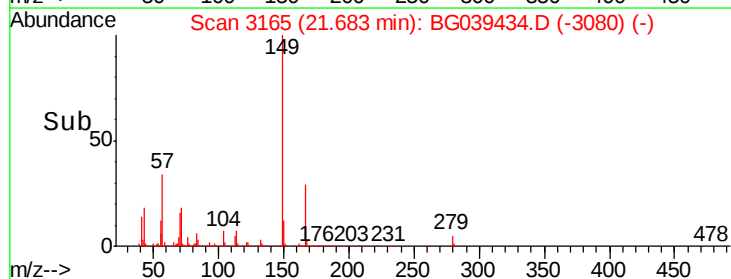
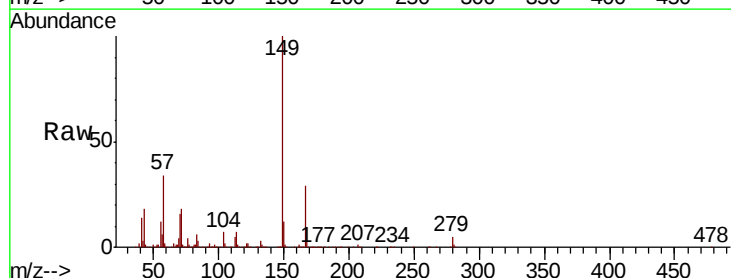
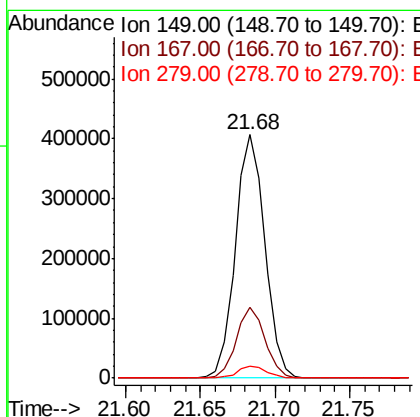
Manual Integrations
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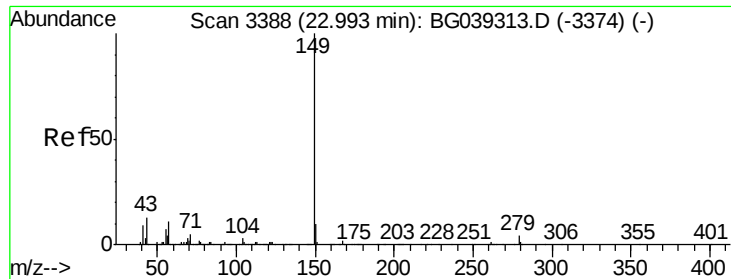
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.272 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG039434.D
 Acq: 11 Feb 2019 14:56

Tgt Ion:	149	Resp:	557664
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.6	34.0
279	5.0	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 38.179 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

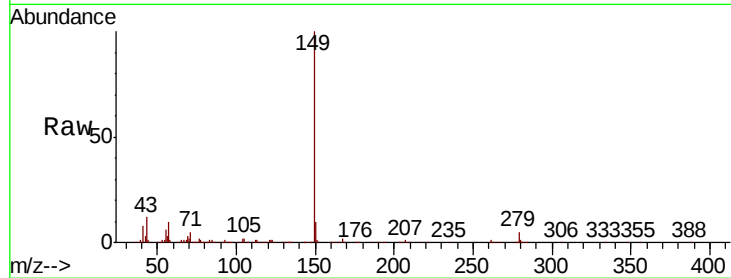
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

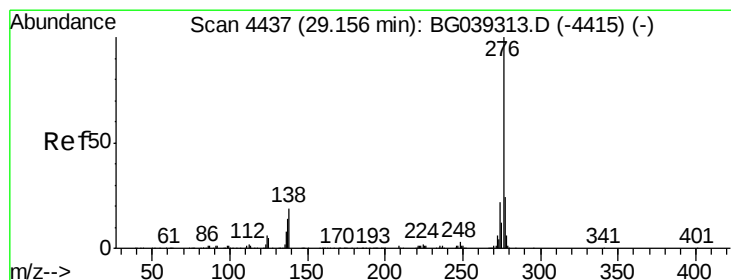
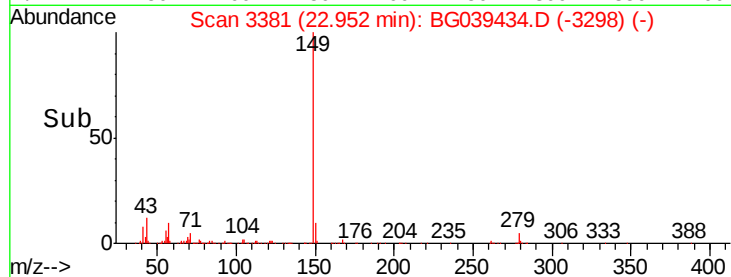
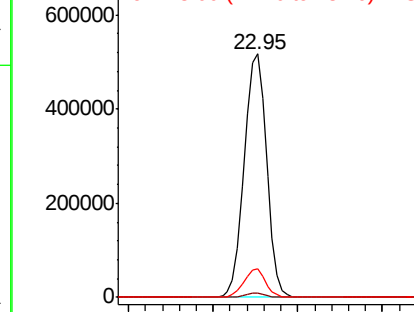
Tot Ion:	149	Resp:	943738
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.1	10.2	15.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.087 ng

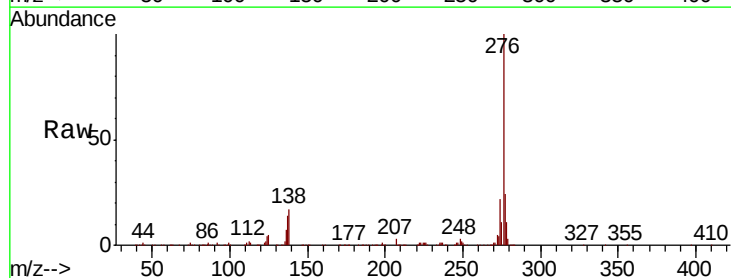
RT: 29.11 min Scan# 4429

Delta R.T. -0.05 min

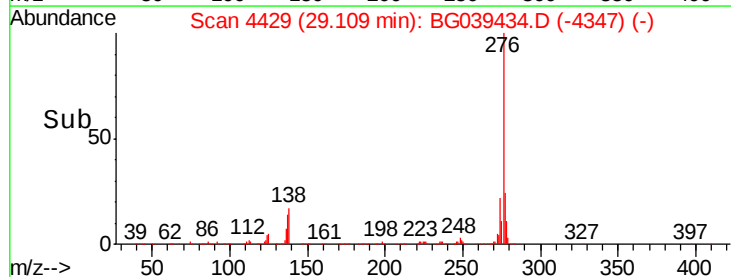
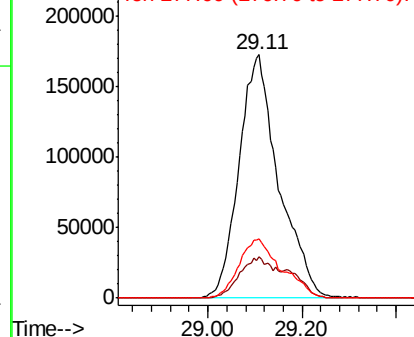
Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	276	Resp:	1014383
Ion Ratio	Lower	Upper	
276	100		
138	14.8	12.6	19.0
277	26.0	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# 3766

Delta R.T. -0.03 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

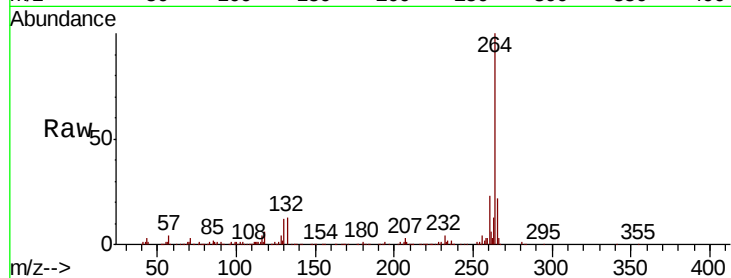
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

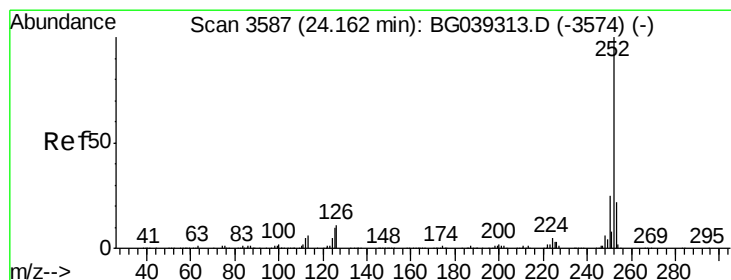
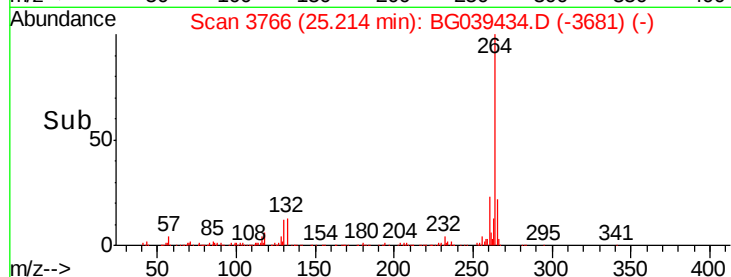
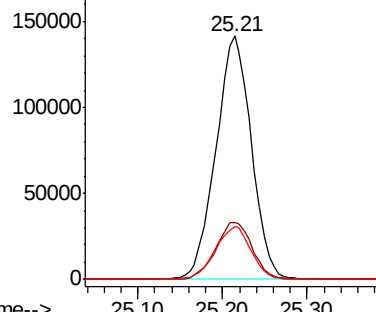
Tot Ion:	264	Resp:	413361
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.2	27.4
265	21.8	18.5	27.7

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



#88

Benzo(b)fluoranthene

Concen: 38.519 ng

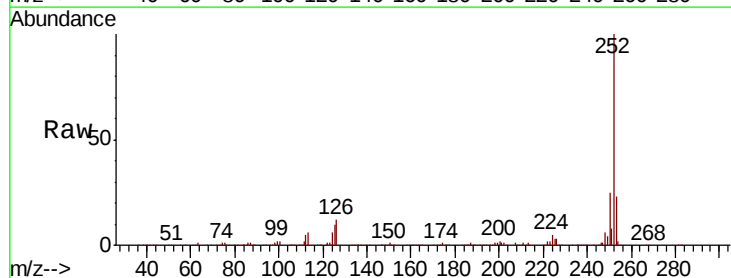
RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

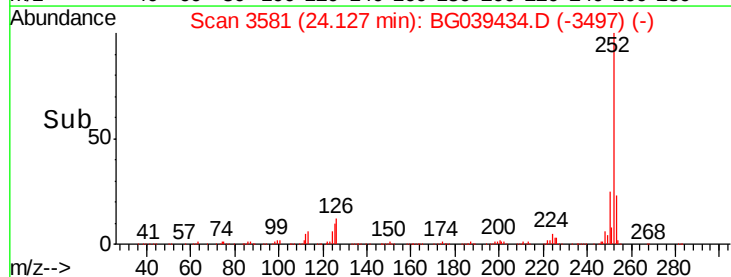
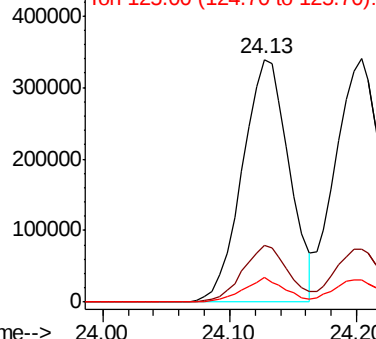
Lab File: BG039434.D

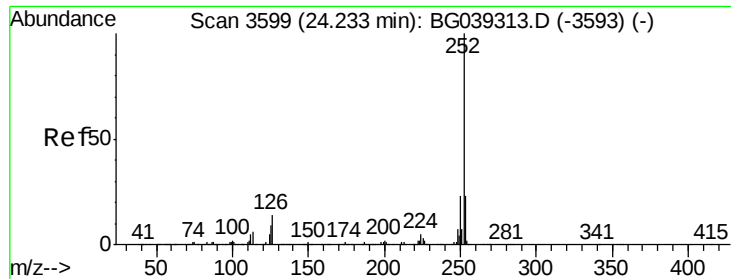
Acq: 11 Feb 2019 14:56

Tgt Ion:	252	Resp:	868327
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	10.0	7.8	11.6



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





#89

Benzo(k)fluoranthene

Concen: 37.933 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

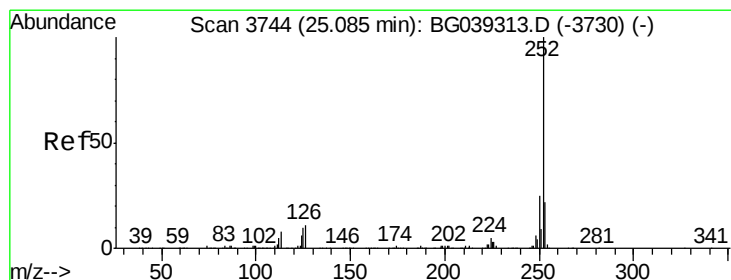
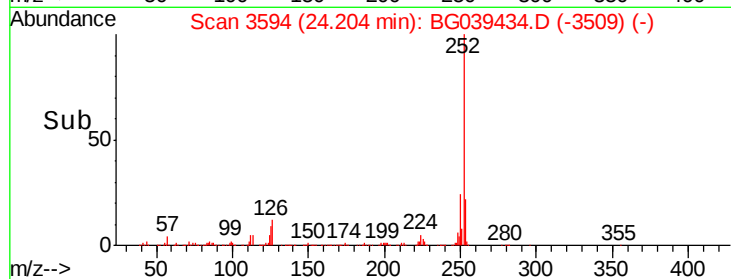
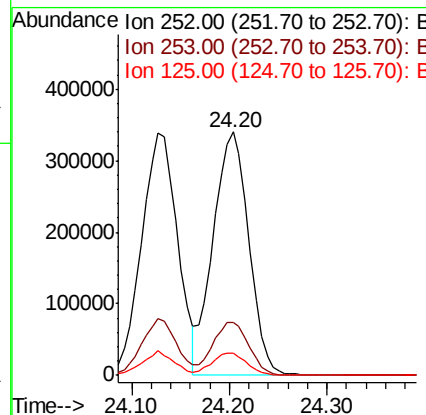
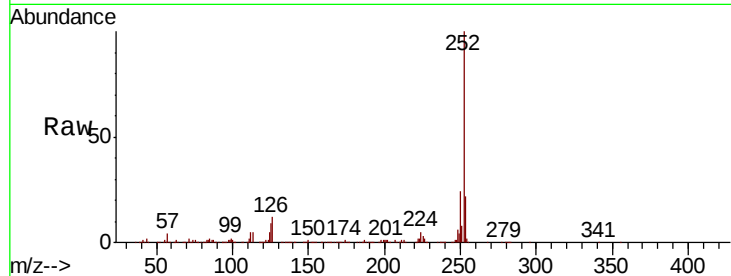
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	858522		
253	21.9	18.2	27.2	
125	8.9	7.4	11.2	

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#90

Benzo(a)pyrene

Concen: 39.751 ng

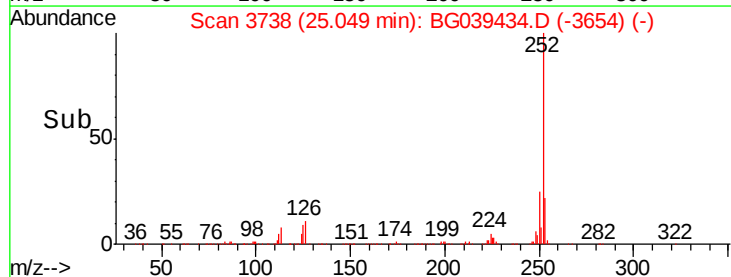
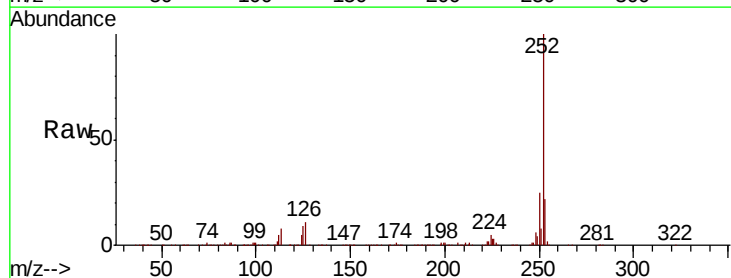
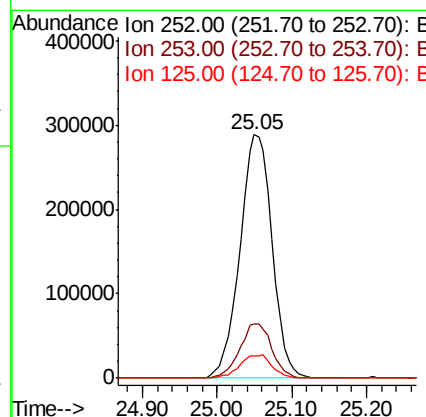
RT: 25.05 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	863018		
253	22.3	17.9	26.9	
125	9.2	8.3	12.5	





#91

Dibenzo(a,h)anthracene

Concen: 40.217 ng

RT: 29.17 min Scan# 4440

Delta R.T. -0.06 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Instrument :

BNA_G

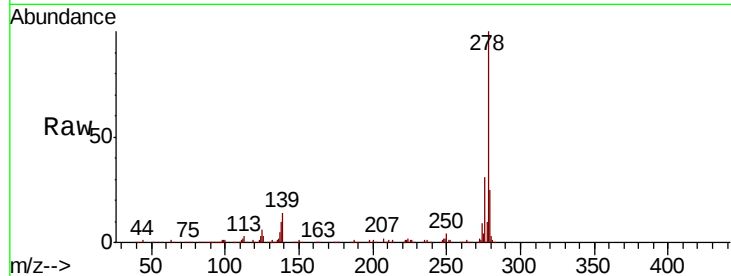
ClientSampleId :

A0C12-SS1-7.5-8.0MSD

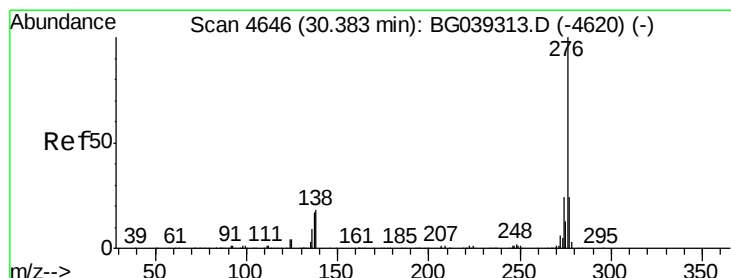
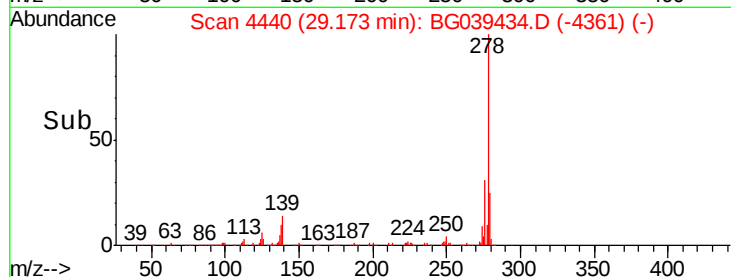
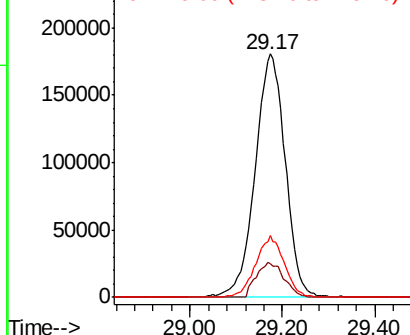
Tot Ion:	278	Resp:	817694
Ion Ratio	Lower	Upper	
278	100		
139	13.8	11.7	17.5
279	25.4	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/12/2019 12:07:33 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.617 ng

RT: 30.33 min Scan# 4637

Delta R.T. -0.05 min

Lab File: BG039434.D

Acq: 11 Feb 2019 14:56

Tgt Ion:	276	Resp:	823116
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.6	29.4
138	18.4	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

