

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039569.D
 Acq On : 20 Feb 2019 00:20
 Operator : JU/SJ
 Sample : PB117221BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

Manual Integrations
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Sohil
 2/20/2019 10:24:36 AM

Quant Time: Feb 20 01:33:16 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	51054	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	225504	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	152051	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	372104	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	361637	20.00	ng	-0.02
87) Perylene-d12	25.20	264	358865	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	420740	141.05	ng	0.00
7) Phenol-d6	7.32	99	643051	146.45	ng	0.00
23) Nitrobenzene-d5	9.34	82	311691	86.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	274814	167.84	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	752672	71.01	ng	-0.02
79) Terphenyl-d14	20.12	244	1273658	74.55	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.60	88	52306	40.086	ng	93
3) Pyridine	4.01	79	156998	45.445	ng	97
4) n-Nitrosodimethylamine	3.93	42	76983	44.557	ng	# 96
6) Aniline	7.49	93	250470	45.541	ng	96
8) 2-Chlorophenol	7.73	128	143407	43.981	ng	99
9) Benzaldehyde	7.31	77	82931	37.022	ng	92
10) Phenol	7.35	94	201489	44.021	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	148200	40.976	ng	96
12) 1,3-Dichlorobenzene	8.06	146	161942	40.997	ng	98
13) 1,4-Dichlorobenzene	8.20	146	166305	42.240	ng	98
14) 1,2-Dichlorobenzene	8.52	146	161101	42.268	ng	98
15) Benzyl Alcohol	8.41	79	149454	43.355	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	289616	35.459	ng	99
17) 2-Methylphenol	8.60	107	133729	45.148	ng	94
18) Hexachloroethane	9.26	117	57877	42.729	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	126700	40.655	ng	93
20) 3+4-Methylphenols	8.93	107	186897	45.821	ng	96
22) Acetophenone	9.00	105	241808	39.919	ng	# 96
24) Nitrobenzene	9.39	77	185065	47.457	ng	97
25) Isophorone	9.90	82	362811	45.357	ng	97
26) 2-Nitrophenol	10.10	139	94736	58.048	ng	97
27) 2,4-Dimethylphenol	10.14	122	157148	48.565	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	208160	42.249	ng	97
29) 2,4-Dichlorophenol	10.63	162	169010	47.790	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	171877	43.289	ng	99
31) Naphthalene	11.04	128	495413	44.284	ng	98
32) Benzoic acid	10.28	122	111172	51.627	ng	98
33) 4-Chloroaniline	11.15	127	233270	44.971	ng	96
34) Hexachlorobutadiene	11.30	225	108538	41.105	ng	95
35) Caprolactam	11.94	113	58435m	39.930	ng	
36) 4-Chloro-3-methylphenol	12.25	107	188485	46.084	ng	96
37) 2-Methylnaphthalene	12.63	142	382151	46.121	ng	97
38) 1-Methylnaphthalene	12.85	142	363028	45.452	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	207772	42.947	ng	99

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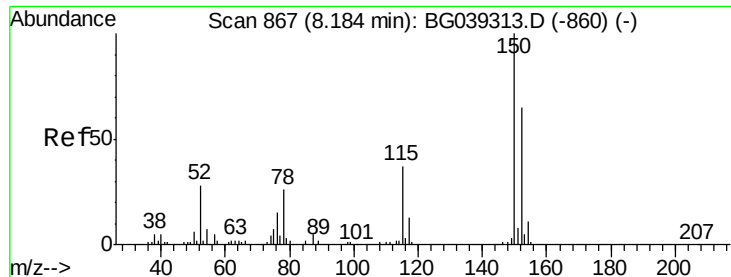
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	258912	98.214	nq	96
43) 2,4,6-Trichlorophenol	13.23	196	143290	48.172	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	155507	49.881	nq	98
46) 1,1'-Biphenyl	13.63	154	503489	39.798	nq	100
47) 2-Chloronaphthalene	13.68	162	394304	41.431	nq	98
48) 2-Nitroaniline	13.88	65	138848	50.306	nq	93
49) Acenaphthylene	14.52	152	631442	43.971	nq	99
50) Dimethylphthalate	14.24	163	521523	42.469	nq	100
51) 2,6-Dinitrotoluene	14.37	165	117667	50.822	nq	96
52) Acenaphthene	14.85	154	384541	41.252	nq	99
53) 3-Nitroaniline	14.71	138	122054	49.130	nq	# 89
54) 2,4-Dinitrophenol	14.91	184	110708	98.151	nq	95
55) Dibenzofuran	15.19	168	624457	41.781	nq	99
56) 4-Nitrophenol	15.00	139	185771	83.401	nq	93
57) 2,4-Dinitrotoluene	15.15	165	167965	55.644	nq	84
58) Fluorene	15.84	166	496383	44.553	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	154896	53.064	nq	96
60) Diethylphthalate	15.59	149	525298	41.372	nq	98
61) 4-Chlorophenyl-phenylether	15.82	204	260178	41.241	nq	96
62) 4-Nitroaniline	15.87	138	125844	48.793	nq	92
63) Azobenzene	16.12	77	474427	38.230	nq	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	89889	57.032	nq	96
66) n-Nitrosodiphenylamine	16.04	169	460234	40.677	nq	96
67) 4-Bromophenyl-phenylether	16.72	248	174042	42.161	nq	95
68) Hexachlorobenzene	16.83	284	178470	43.091	nq	96
69) Atrazine	16.98	200	162591	39.323	nq	97
70) Pentachlorophenol	17.17	266	215122	74.733	nq	98
71) Phenanthrene	17.58	178	819119	42.532	nq	98
72) Anthracene	17.67	178	840868	44.326	nq	98
73) Carbazole	17.94	167	729122	38.513	nq	100
74) Di-n-butylphthalate	18.47	149	889635	40.279	nq	99
75) Fluoranthene	19.58	202	965647	43.199	nq	99
77) Benzidine	19.76	184	748895	63.163	nq	99
78) Pyrene	19.94	202	953419	42.350	nq	98
80) Butylbenzylphthalate	20.80	149	410601	43.236	nq	97
81) Benzo(a)anthracene	21.80	228	940865	44.030	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	333284	42.063	nq	99
83) Chrysene	21.87	228	881041	43.312	nq	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	568741	41.978	nq	99
85) Di-n-octyl phthalate	22.93	149	964388	43.085	nq	96
86) Indeno(1,2,3-cd)pyrene	29.09	276	951641	43.603	nq	# 96
88) Benzo(b)fluoranthene	24.12	252	884976	45.219	nq	99
89) Benzo(k)fluoranthene	24.19	252	894599	45.530	nq	100
90) Benzo(a)pyrene	25.05	252	877443	46.553	nq	99
91) Dibenzo(a,h)anthracene	29.16	278	759143	43.008	nq	99
92) Benzo(g,h,i)perylene	30.31	276	750991	42.685	nq	99

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



#1

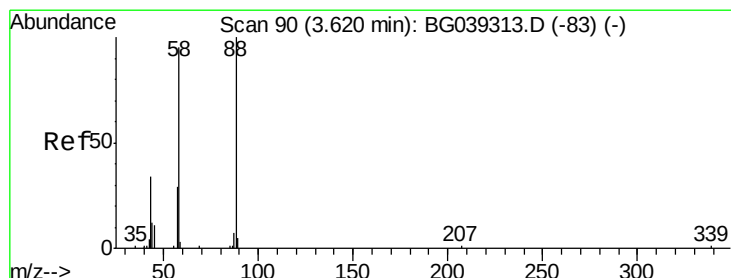
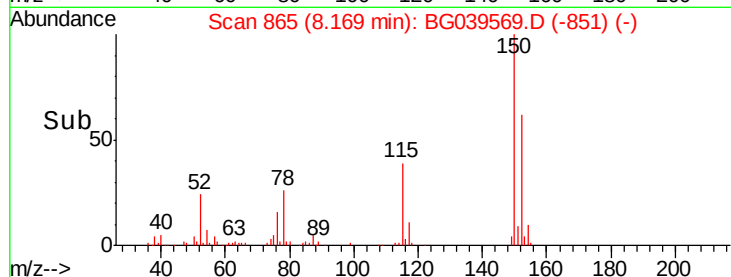
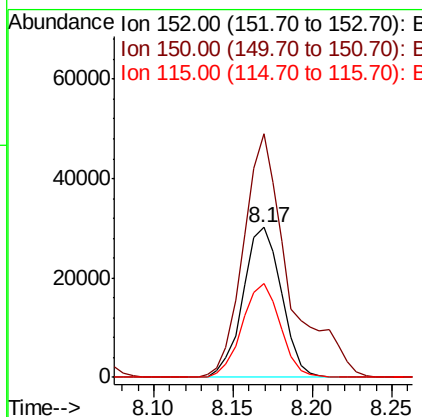
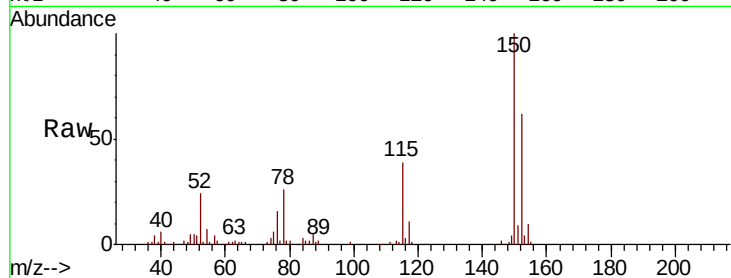
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	123.7	185.5
115	62.8	45.9	68.9

Manual Integrations
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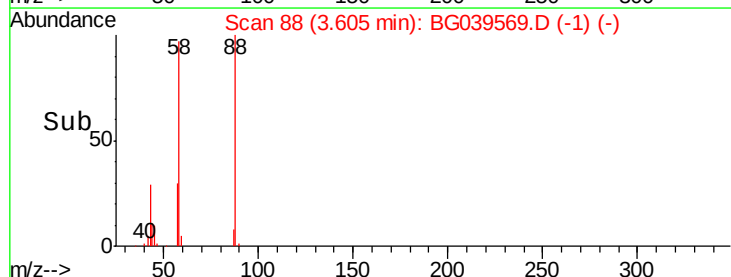
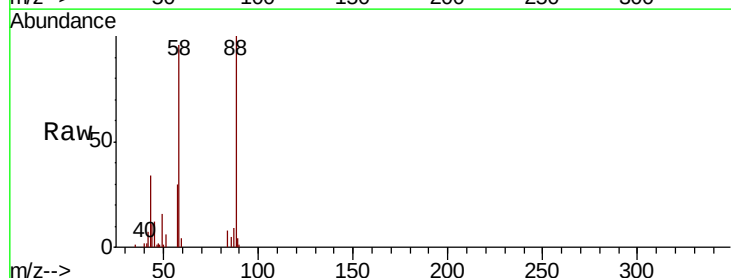
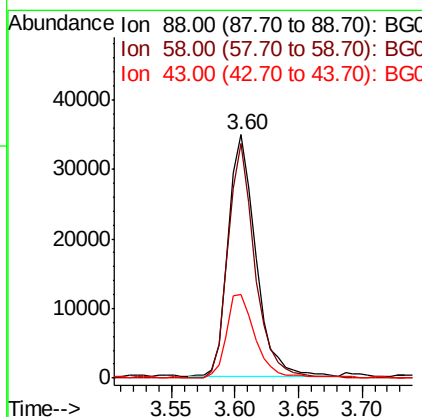
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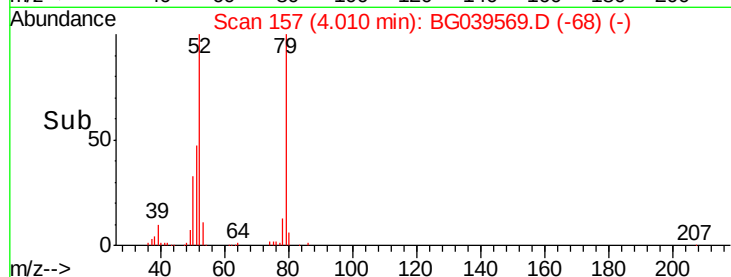
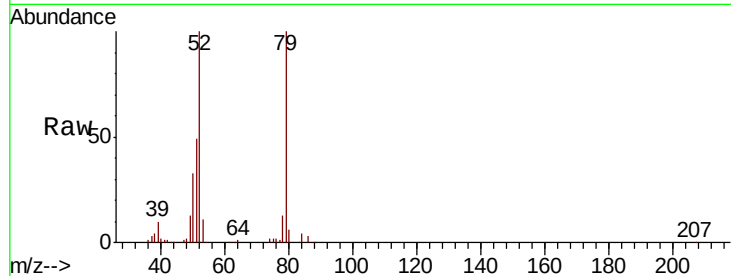
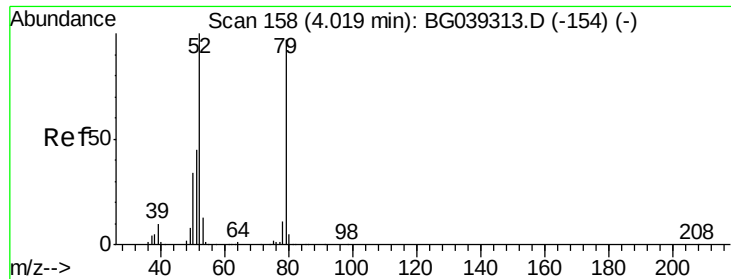


#2

1,4-Dioxane
Concen: 40.086 ng
RT: 3.60 min Scan# 88
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	81.1	121.7
43	36.3	31.4	47.0





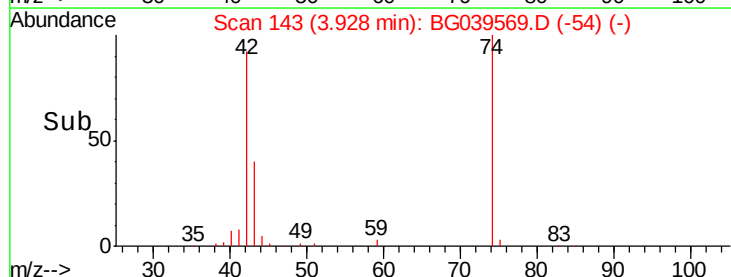
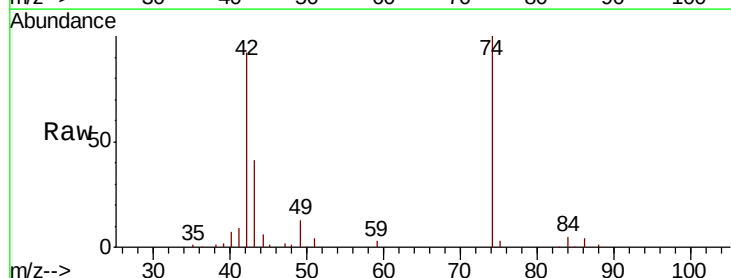
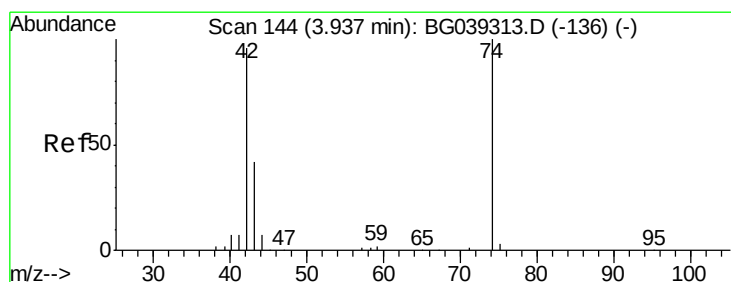
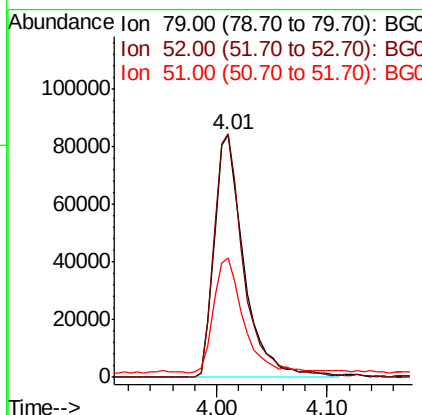
#3
 Pvridine
 Concen: 45.445 ng
 RT: 4.01 min Scan# 157
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	100.3	82.6	124.0		
51	49.0	37.5	56.3		

Instrument :
 BNA_G
 ClientSampled :
 PB117221BS

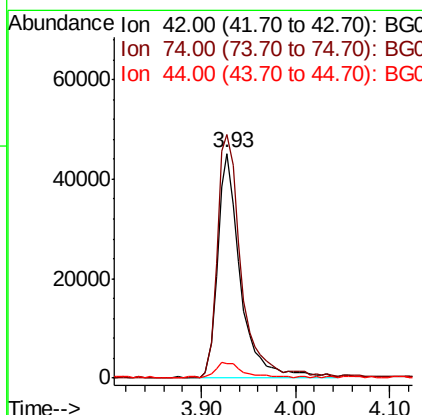
Manual Integrations
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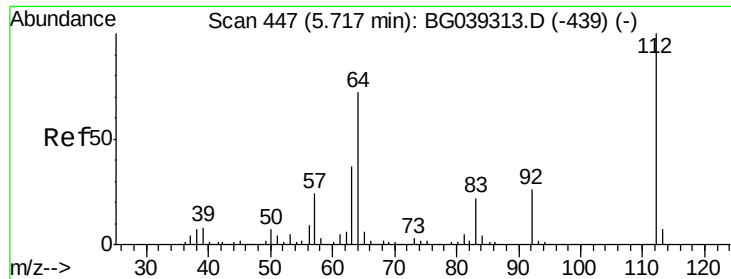
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#4
 n-Nitrosodimethylamine
 Concen: 44.557 ng
 RT: 3.93 min Scan# 143
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	108.2	83.6	125.4		
44	6.7	6.9	10.3#		





#5

2-Fluorophenol

Concen: 141.047 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

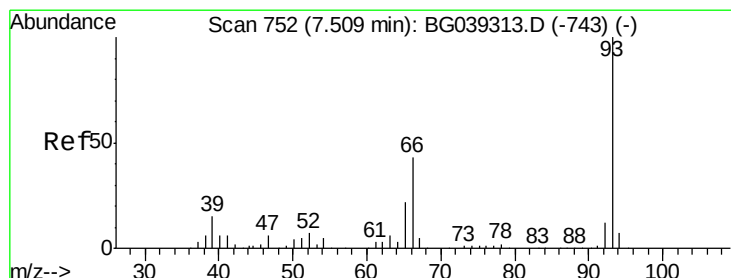
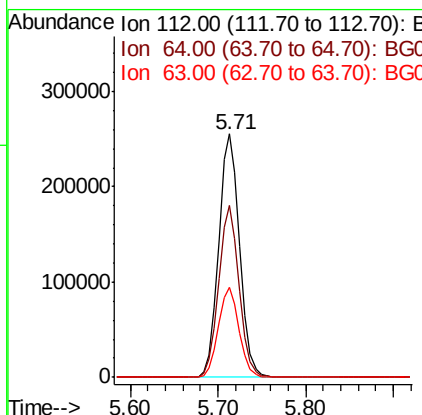
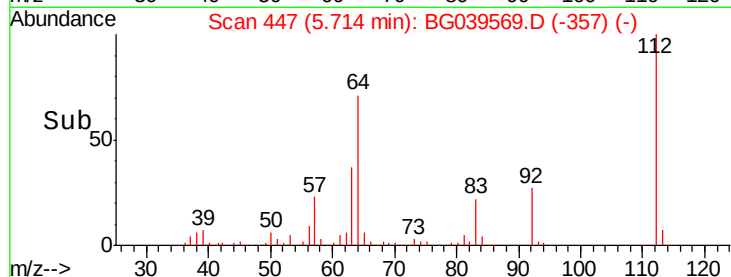
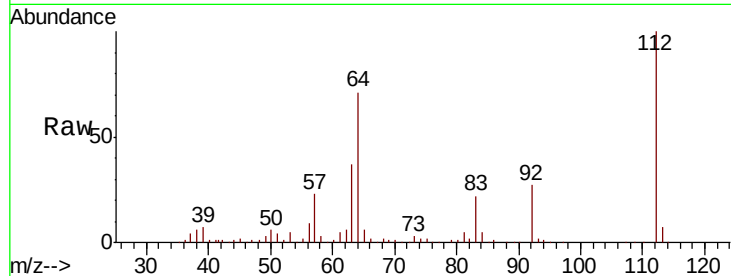
ClientSampleId :

PB117221BS

Tot Ion:	112	Resp:	420740
Ion Ratio	Lower	Upper	
112	100		
64	70.7	57.8	86.8
63	37.2	29.8	44.6

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#6

Aniline

Concen: 45.541 ng

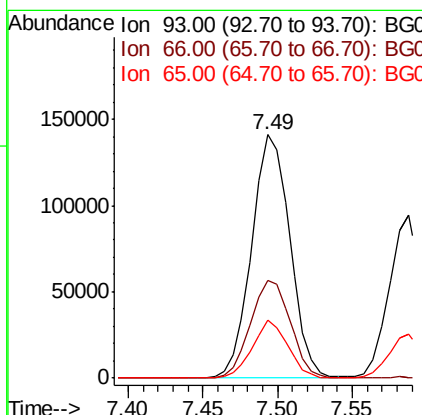
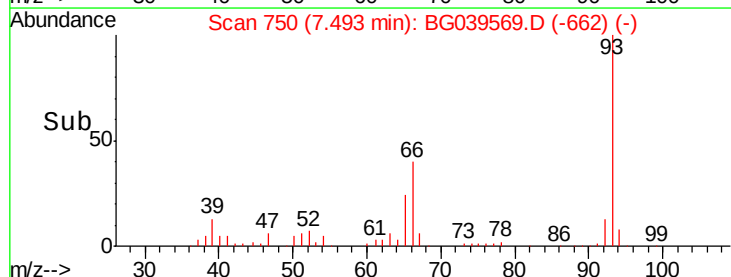
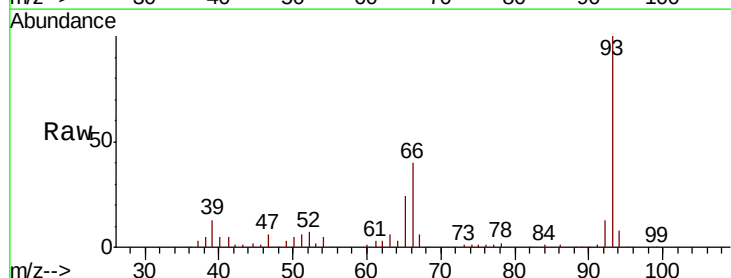
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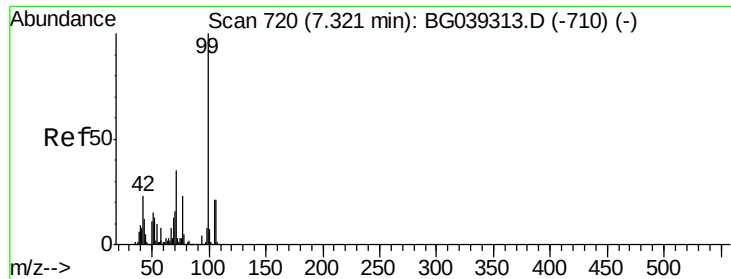
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	93	Resp:	250470
Ion Ratio	Lower	Upper	
93	100		
66	40.3	34.2	51.4
65	23.6	17.7	26.5





#7

Phenol-d6

Concen: 146.452 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

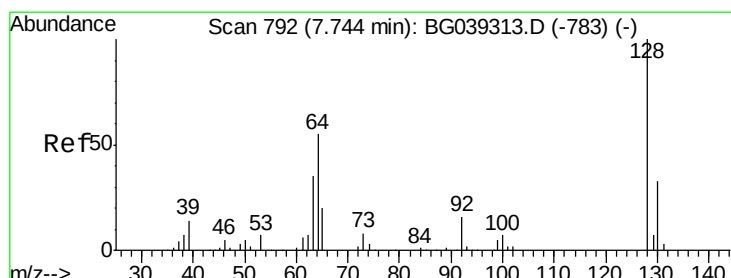
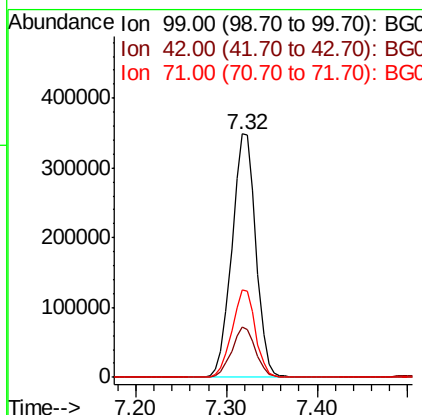
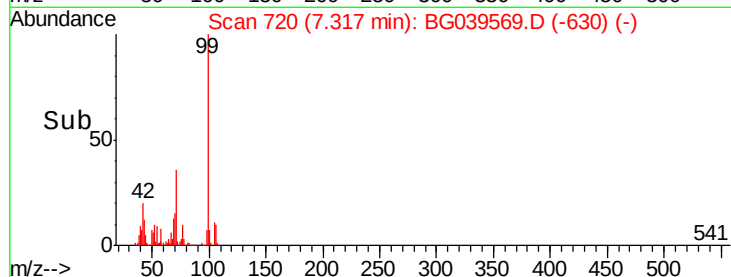
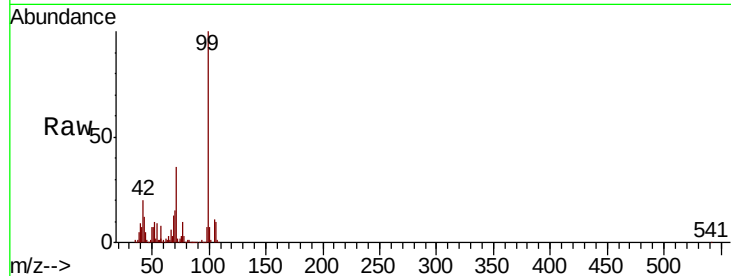
ClientSampleId :

PB117221BS

Tot Ion:	99	Resp:	643051
Ion Ratio	Lower	Upper	
99	100		
42	20.5	18.2	27.2
71	36.2	28.0	42.0

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#8

2-Chlorophenol

Concen: 43.981 ng

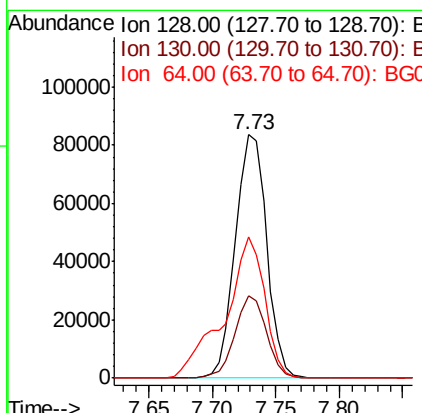
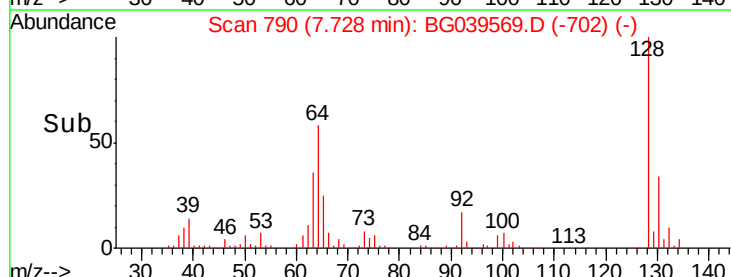
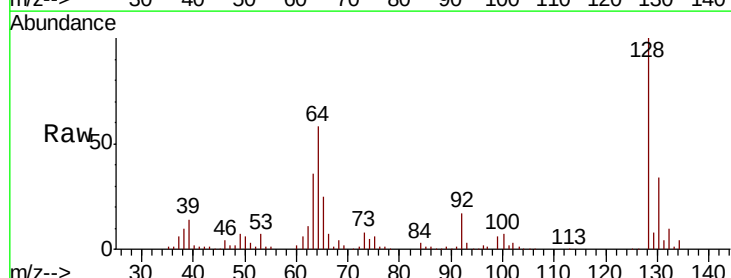
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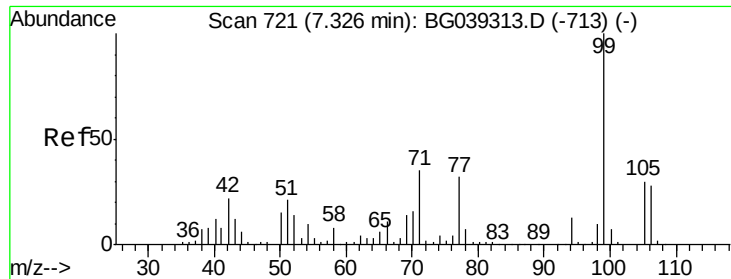
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	128	Resp:	143407
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.9	52.9
64	57.8	38.7	78.7





#9

Benzaldehyde

Concen: 37.022 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

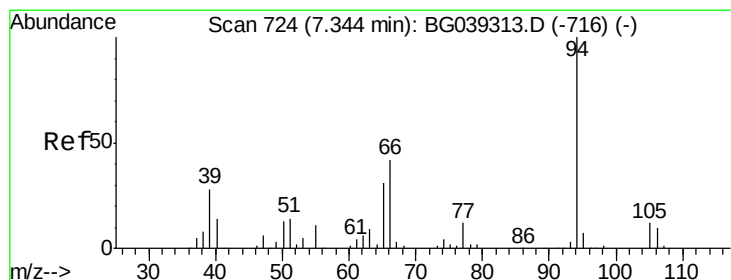
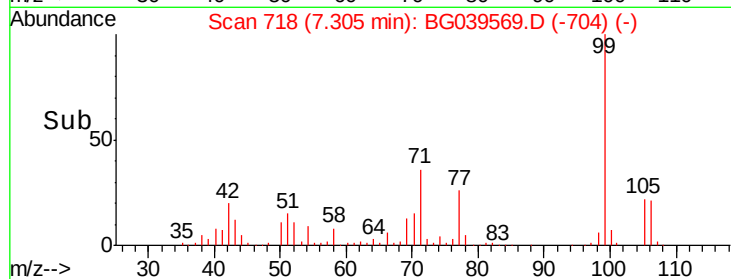
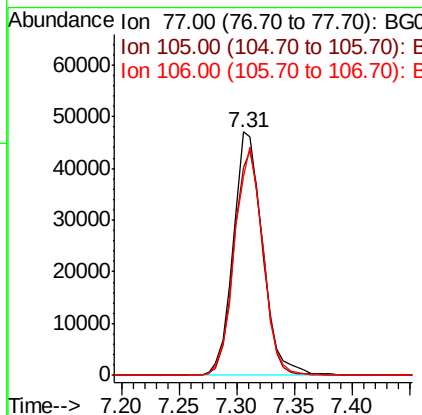
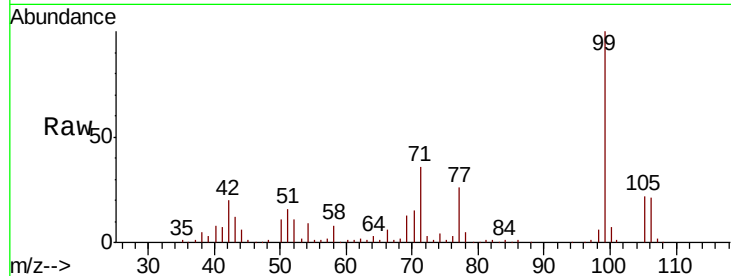
ClientSampleId :

PB117221BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.3	74.5	114.5
106	81.4	68.0	108.0

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#10

Phenol

Concen: 44.021 ng

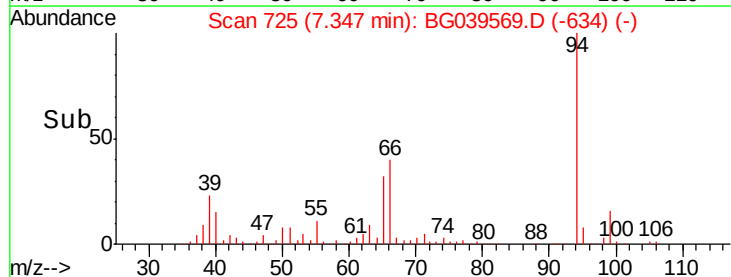
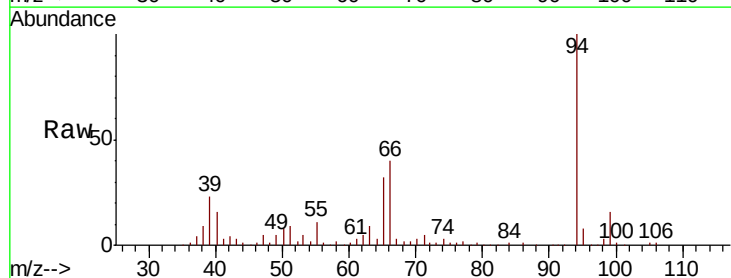
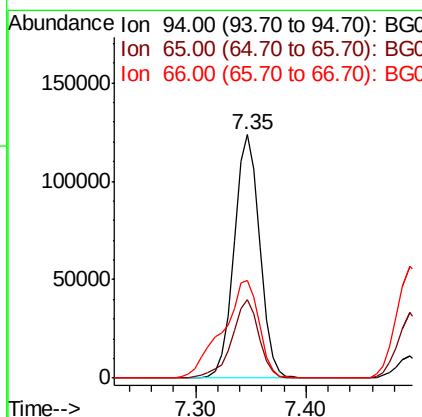
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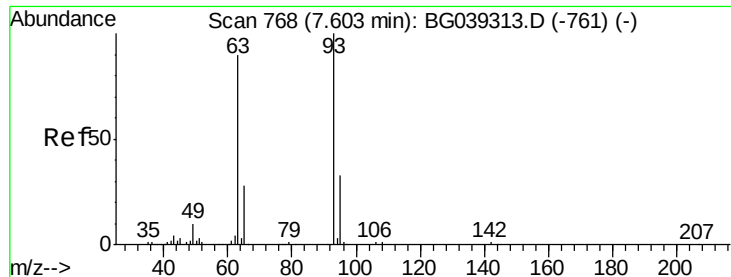
Delta R.T. 0.00 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.7	51.7
66	40.2	23.7	63.7





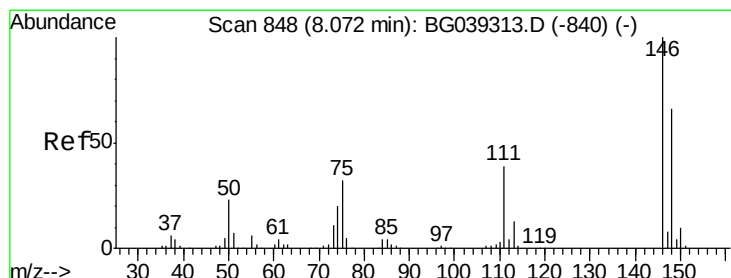
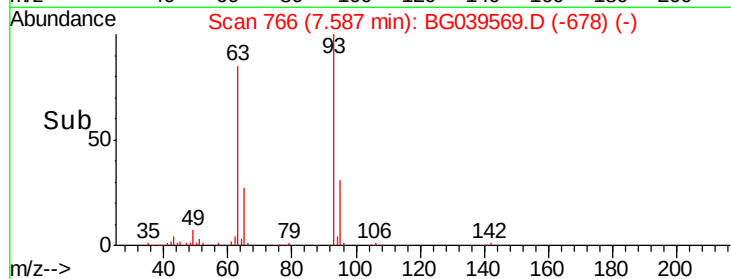
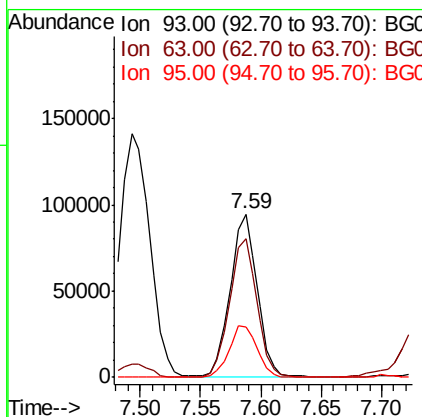
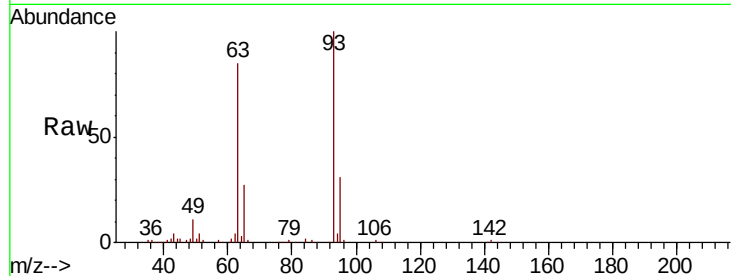
#11
bis(2-Chloroethyl)ether
Concen: 40.976 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	69.5	109.5
95	30.9	12.7	52.7

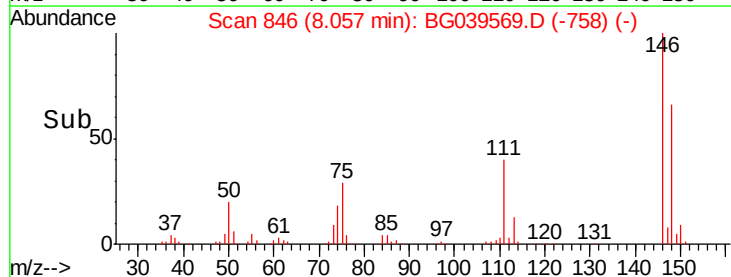
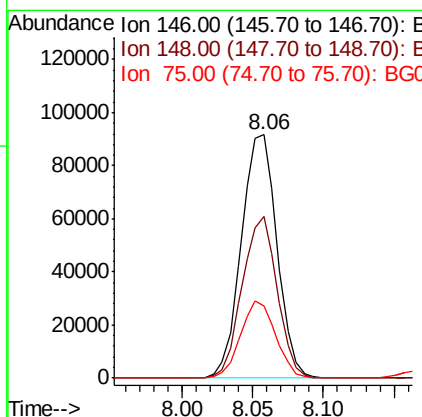
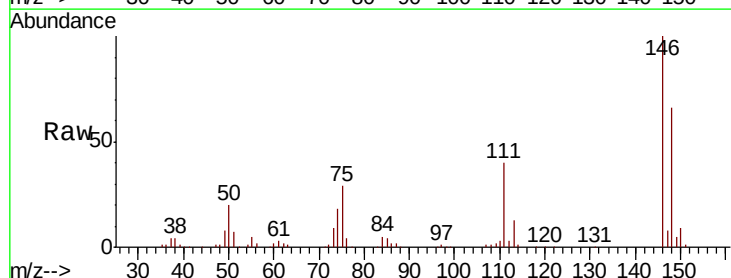
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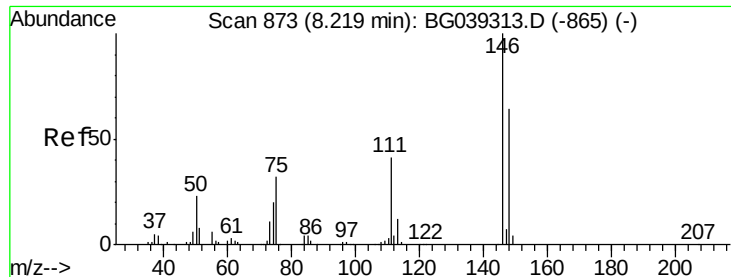
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#12
1,3-Dichlorobenzene
Concen: 40.997 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.6	79.0
75	29.4	25.8	38.6





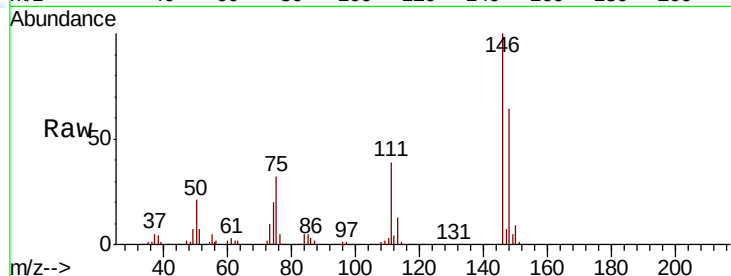
#13
 1,4-Dichlorobenzene
 Concen: 42.240 ng
 RT: 8.20 min Scan# 871
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampled :
 PB117221BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	38.7	32.6	48.8

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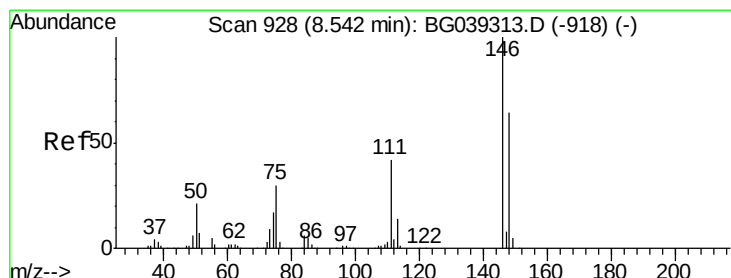
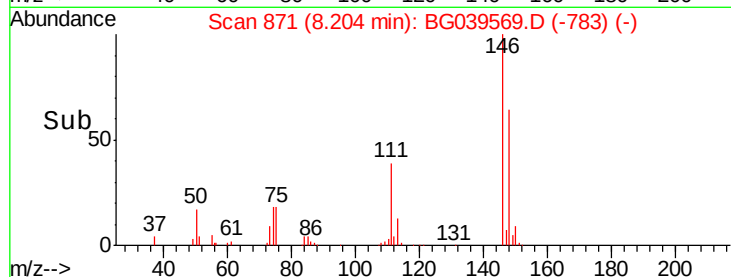
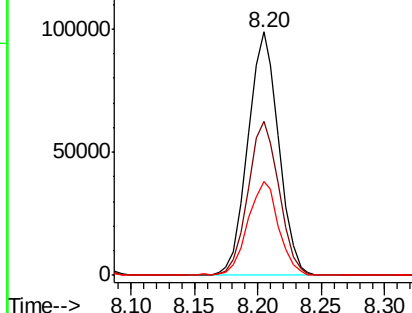


Abundance

Ion 146.00 (145.70 to 146.70): E

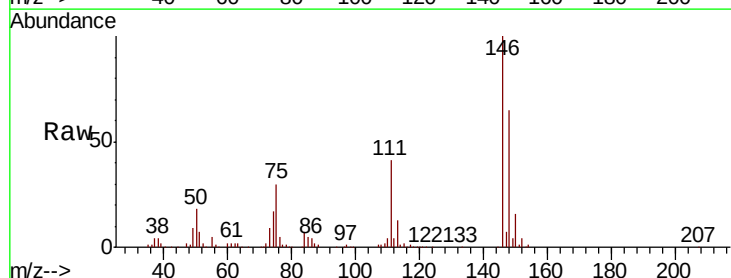
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.268 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
111	40.5	33.8	50.6

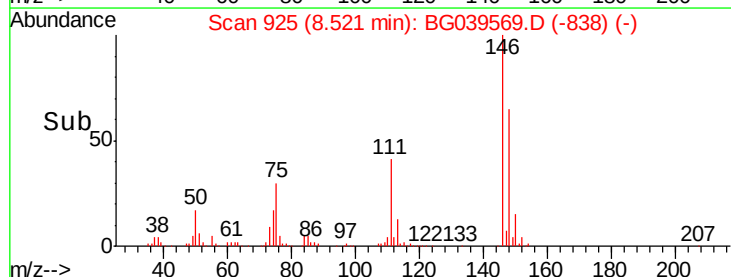
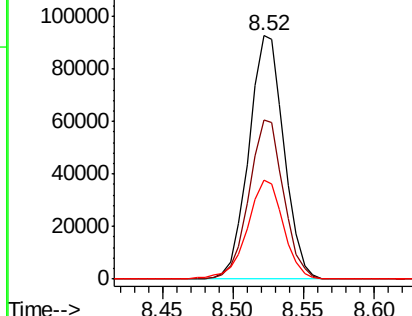


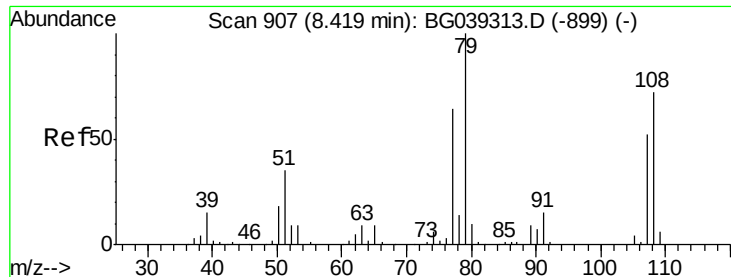
Abundance

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: 43.355 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

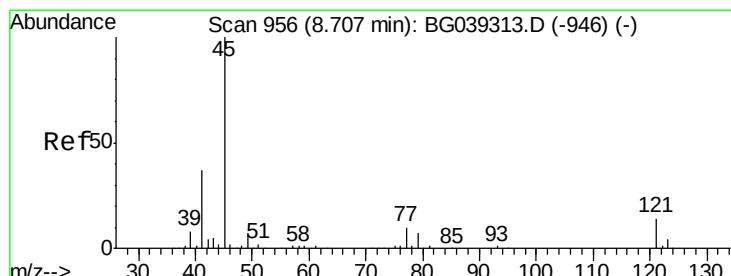
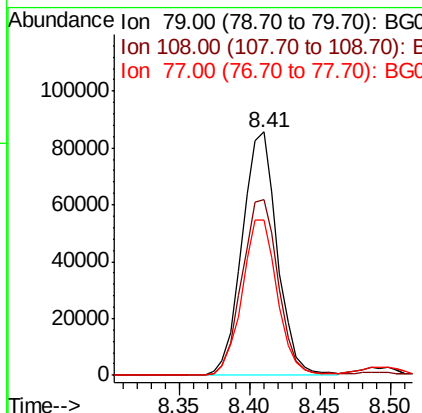
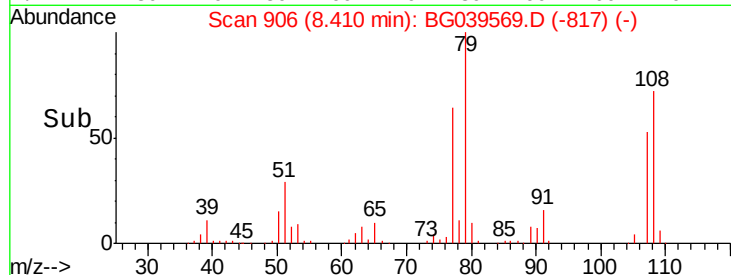
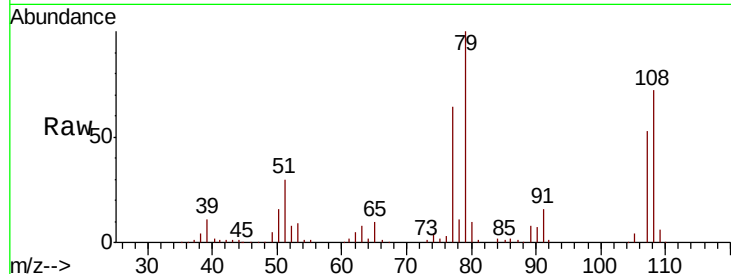
ClientSampled :

PB117221BS

Tot Ion:	79	Resp:	149454
Ion Ratio	Lower	Upper	
79	100		
108	72.1	57.8	86.6
77	63.6	51.1	76.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.459 ng

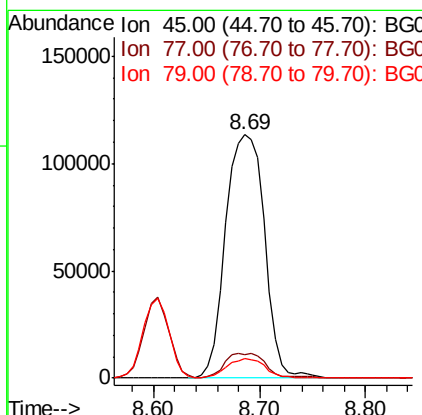
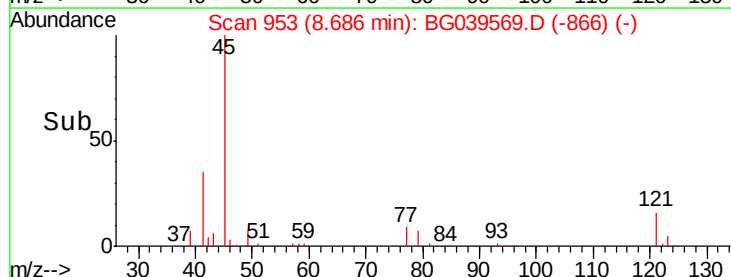
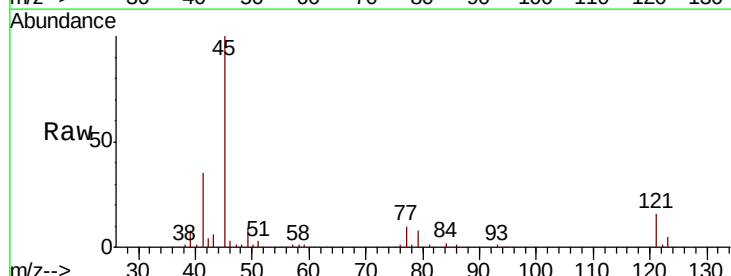
RT: 8.69 min Scan# 953

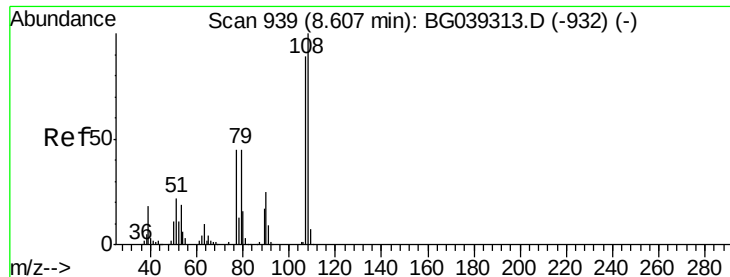
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	45	Resp:	289616
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.0
79	7.8	0.0	27.5





#17

2-Methylphenol

Concen: 45.148 ng

RT: 8.60 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

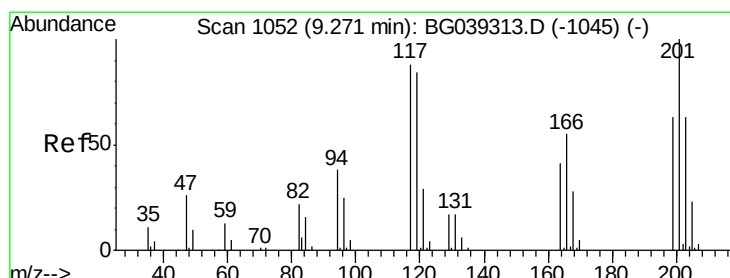
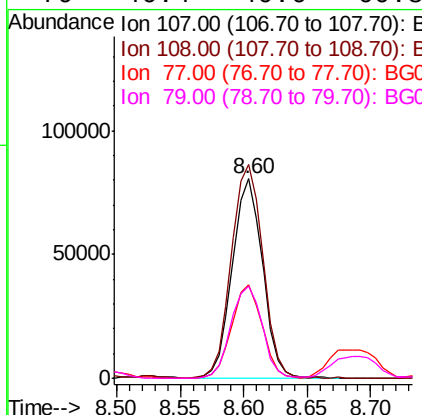
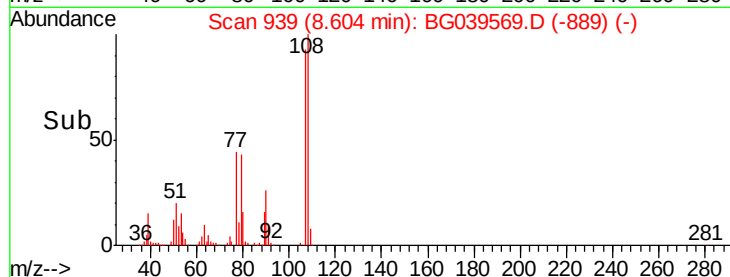
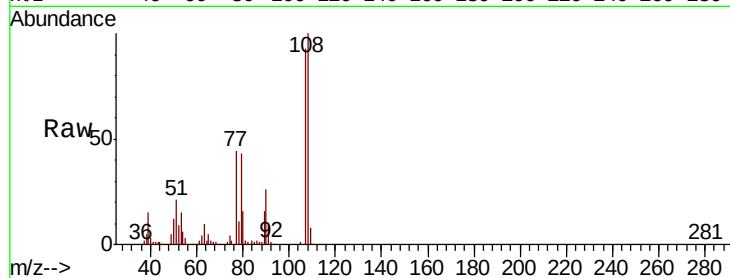
ClientSampled :

PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.0	90.8	136.2	
77	46.9	40.7	61.1	
79	46.4	40.6	60.8	

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#18

Hexachloroethane

Concen: 42.729 ng

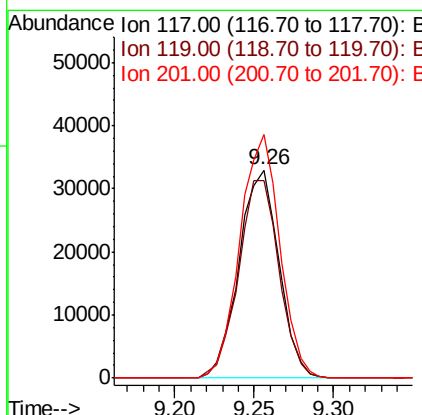
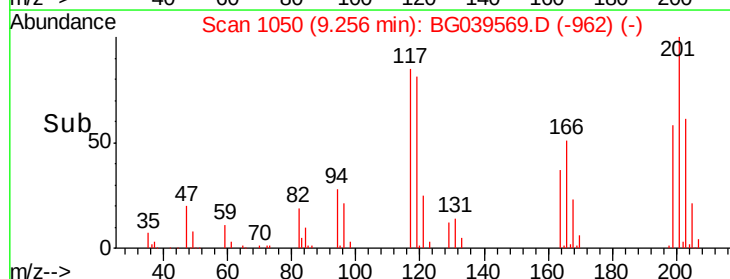
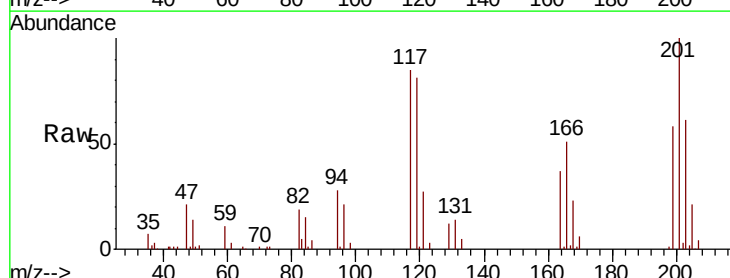
RT: 9.26 min Scan# 1050

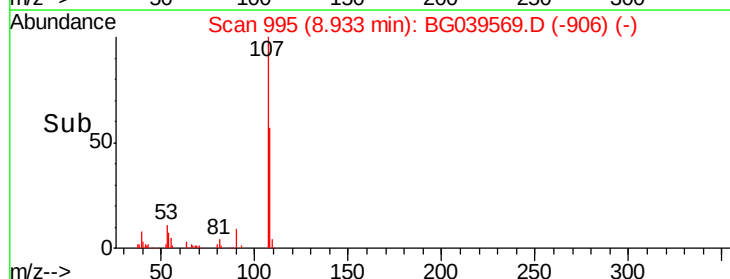
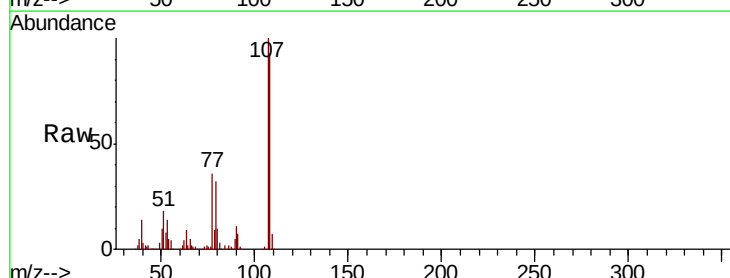
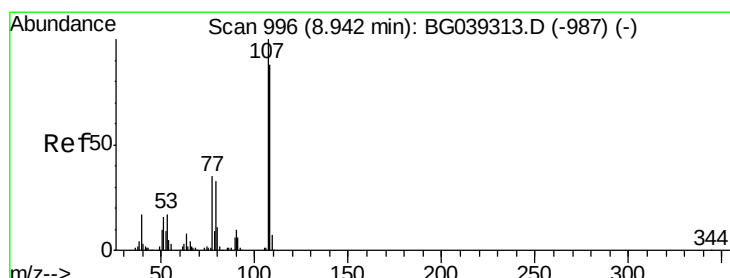
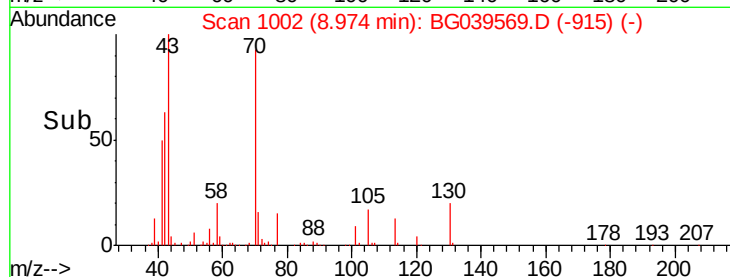
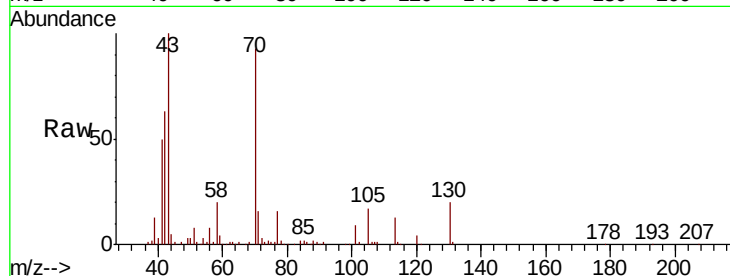
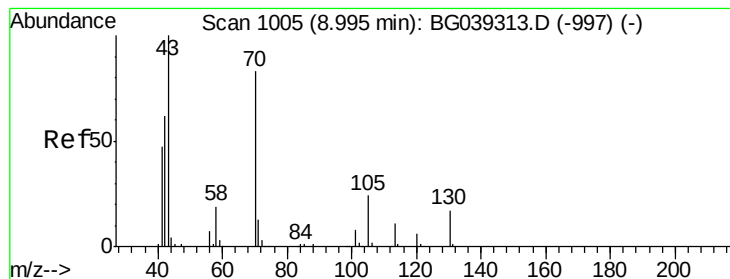
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	76.3	114.5	
201	117.2	91.1	136.7	





#19

n-Nitroso-di-n-propylamine

Concen: 40.655 ng

RT: 8.97 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

Tot Ion: 70 Resp: 126700

Ion Ratio Lower Upper

70 100

42 67.7 60.4 90.6

101 9.7 7.5 11.3

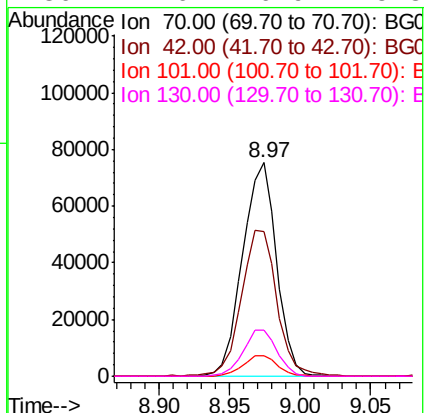
130 21.6 16.9 25.3

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#20

3+4-Methylphenols

Concen: 45.821 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:107 Resp: 186897

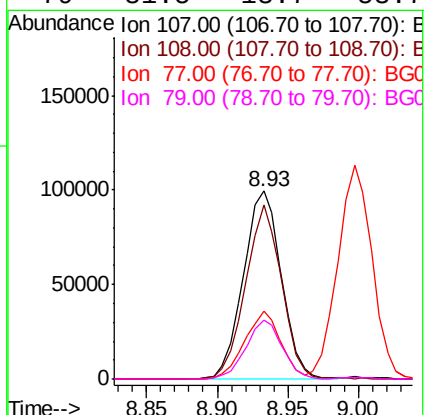
Ion Ratio Lower Upper

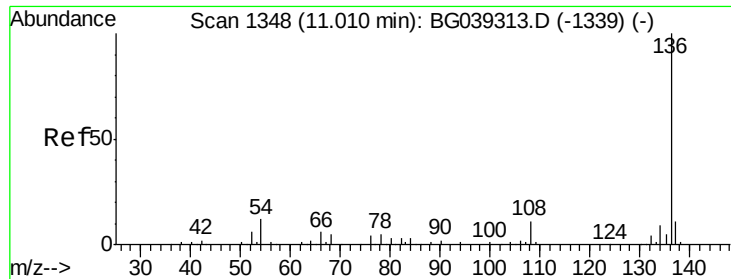
107 100

108 92.9 67.9 107.9

77 36.0 15.4 55.4

79 31.5 13.7 53.7





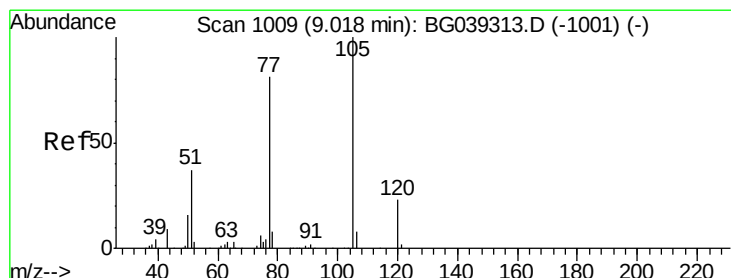
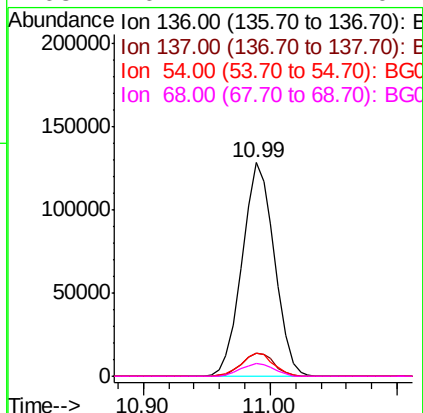
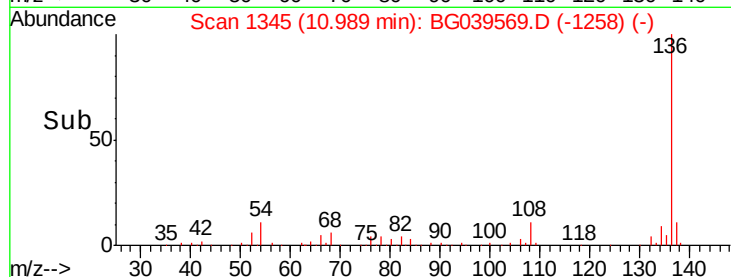
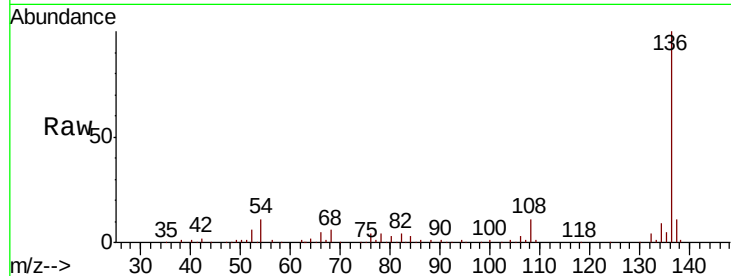
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	225504		
137	10.8		9.1	13.7
54	10.8		9.4	14.2
68	6.2		4.2	6.4

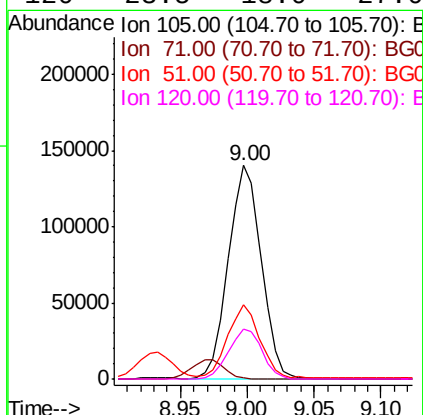
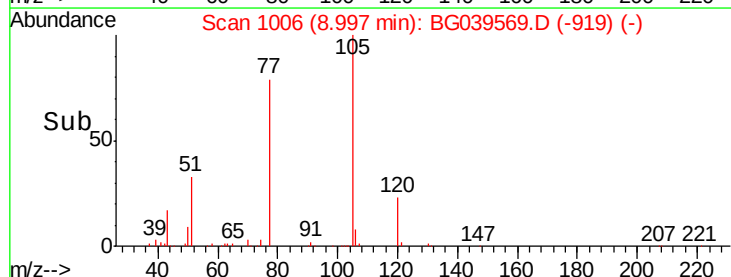
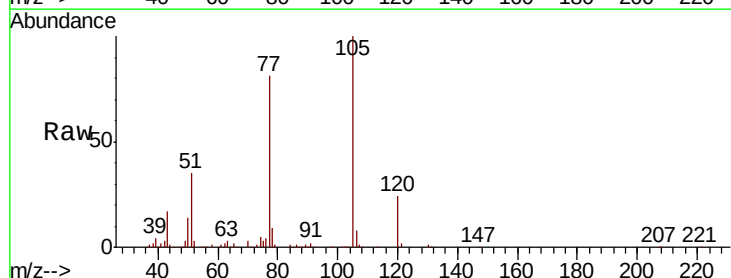
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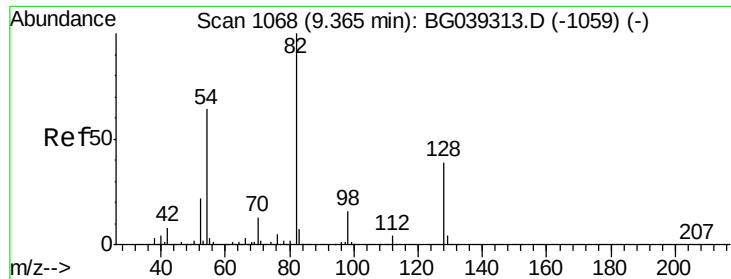
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#22
Acetophenone
Concen: 39.919 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241808		
71	0.4		0.8	1.2#
51	34.6		30.2	45.2
120	23.5		18.0	27.0





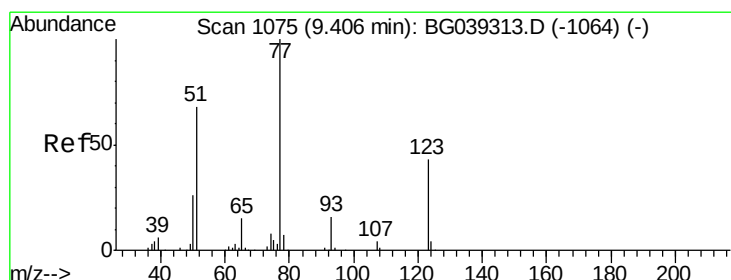
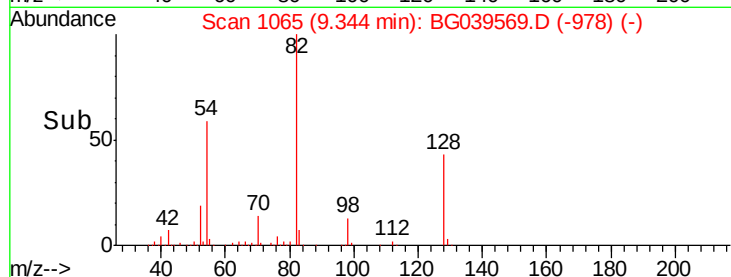
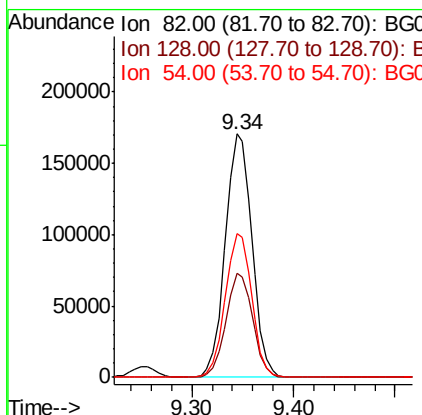
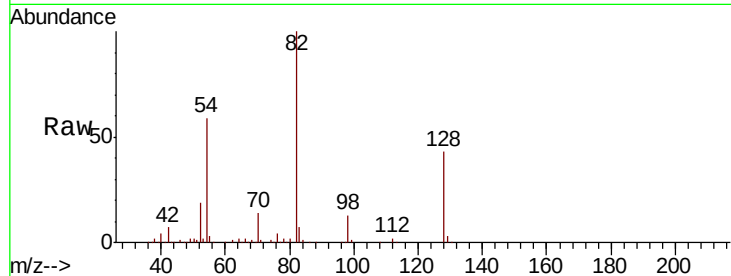
#23
 Nitrobenzene-d5
 Concen: 86.348 ng
 RT: 9.34 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampleID :
 PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	311691		
128	42.8	31.3	46.9	
54	59.2	50.9	76.3	

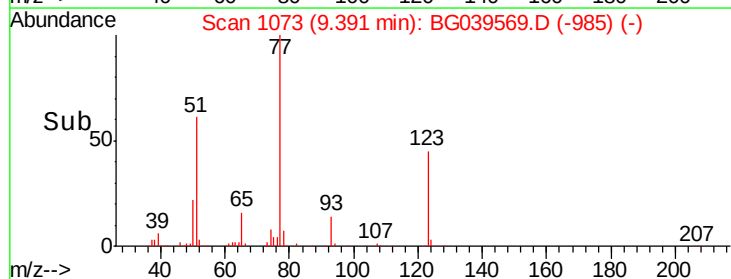
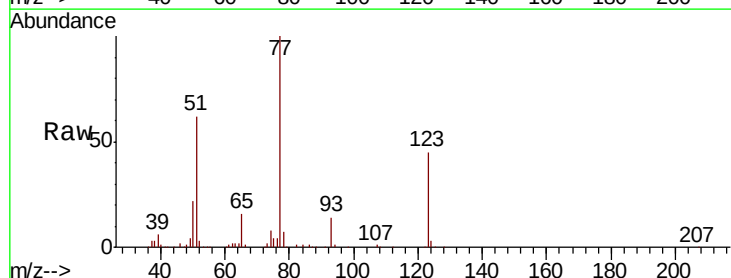
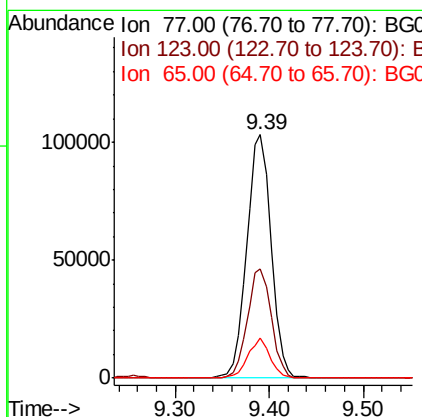
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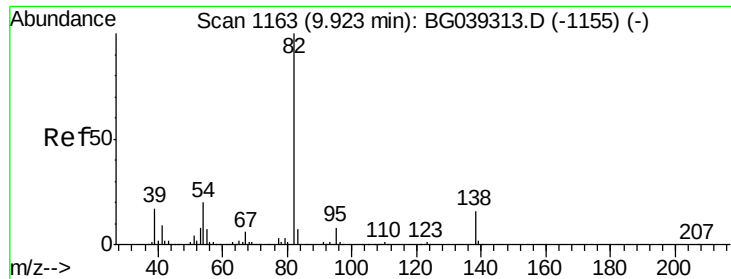
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#24
 Nitrobenzene
 Concen: 47.457 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	185065		
123	44.8	34.1	51.1	
65	16.2	12.3	18.5	





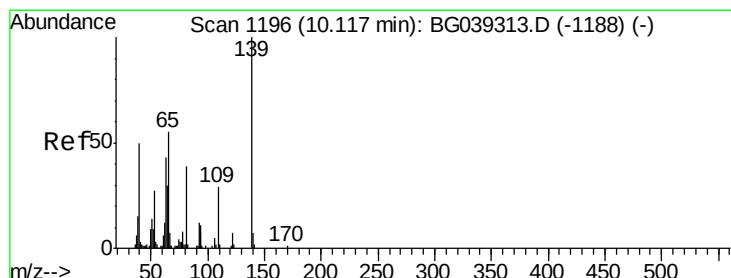
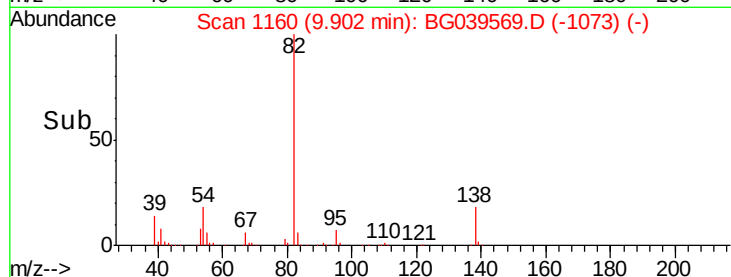
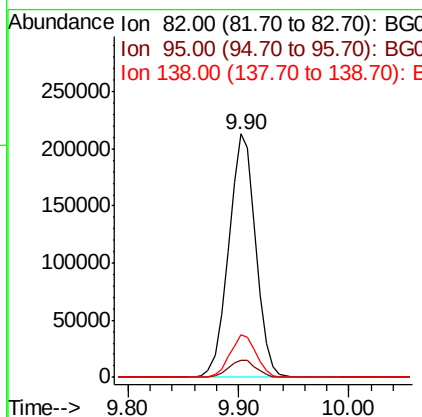
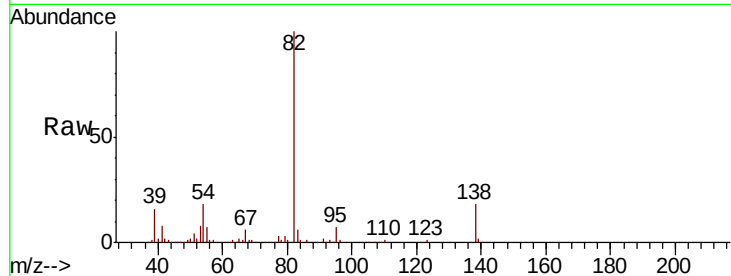
#25
Isophorone
Concen: 45.357 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampled :
PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	362811		
95	6.8		6.2	9.2
138	17.6		13.0	19.4

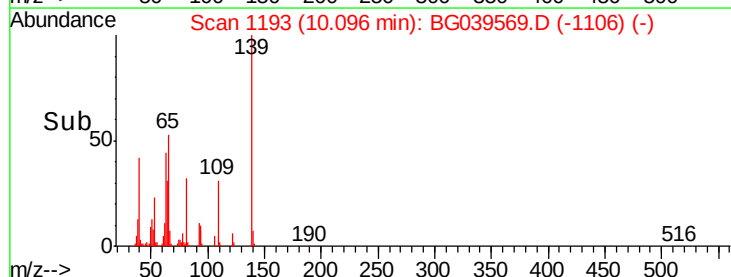
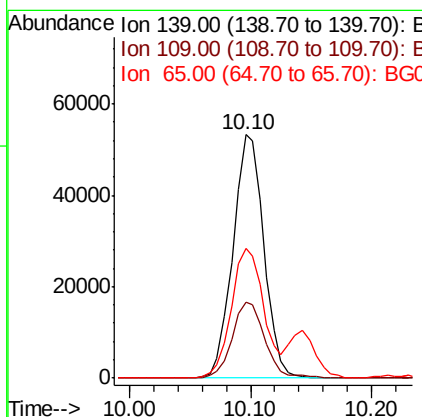
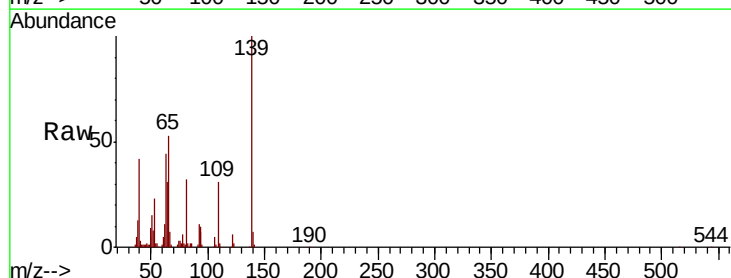
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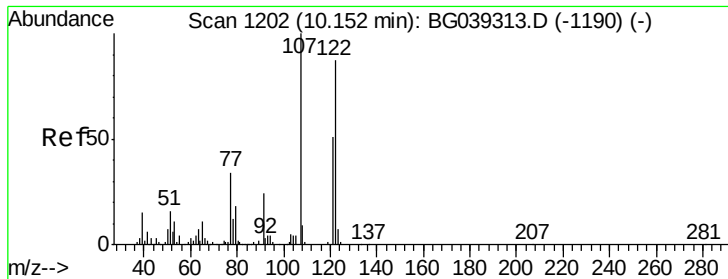
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#26
2-Nitrophenol
Concen: 58.048 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	94736		
109	31.3		23.4	35.0
65	53.3		44.3	66.5





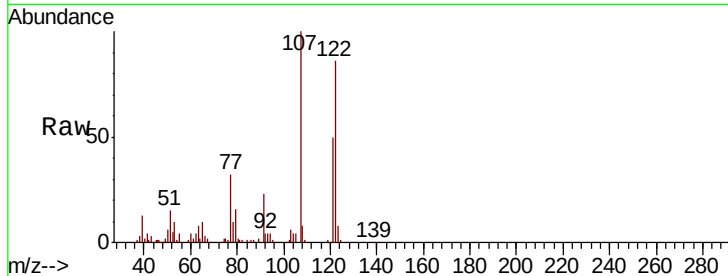
#27
 2,4-Dimethylphenol
 Concen: 48.565 ng
 RT: 10.14 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	157148		
107	116.5	91.7	137.5	
121	57.9	46.4	69.6	

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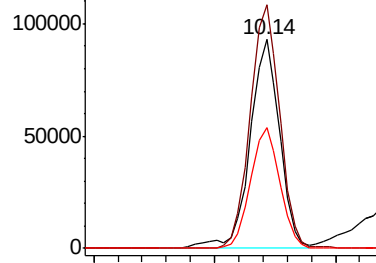


Abundance

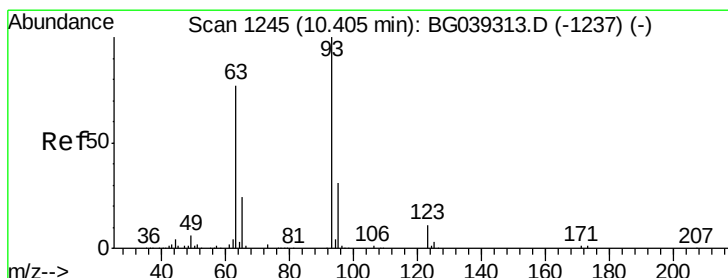
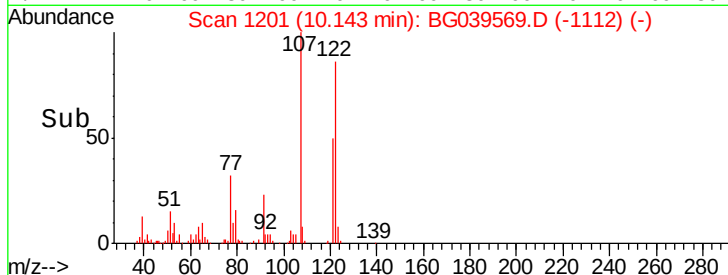
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

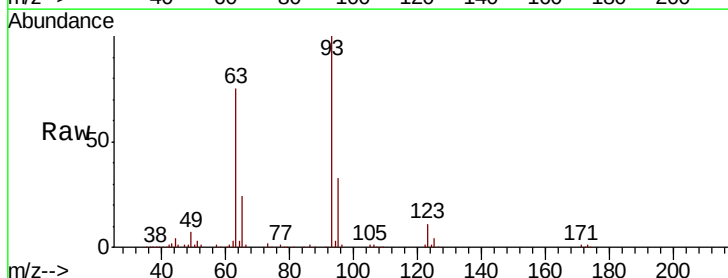


Time-->



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.249 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	208160		
95	33.2	25.0	37.4	
123	11.2	8.6	12.8	

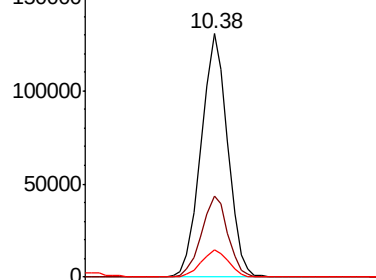


Abundance

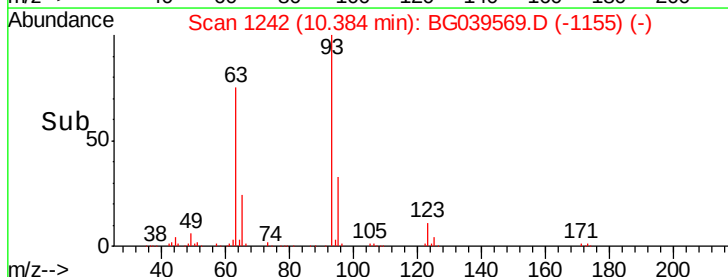
Ion 93.00 (92.70 to 93.70): BGC

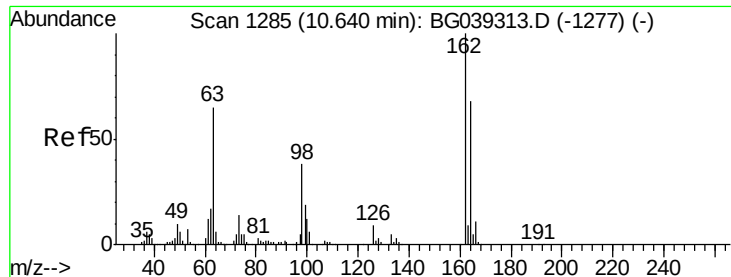
Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



Time-->





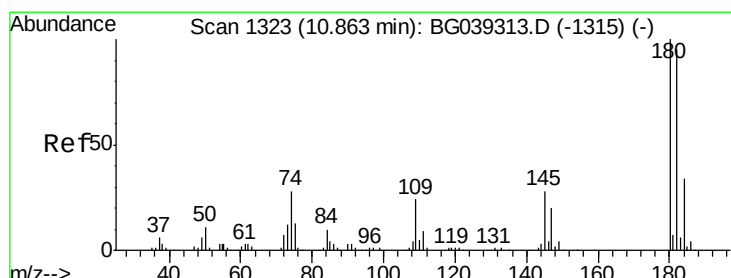
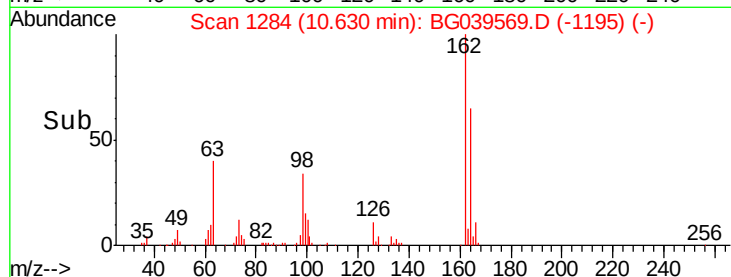
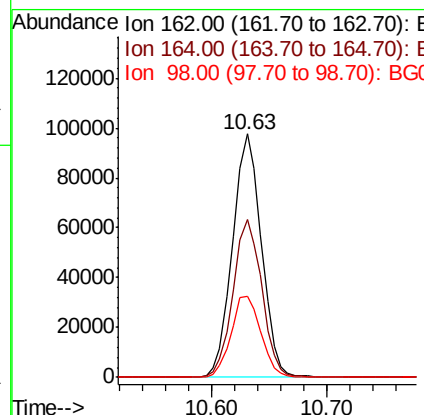
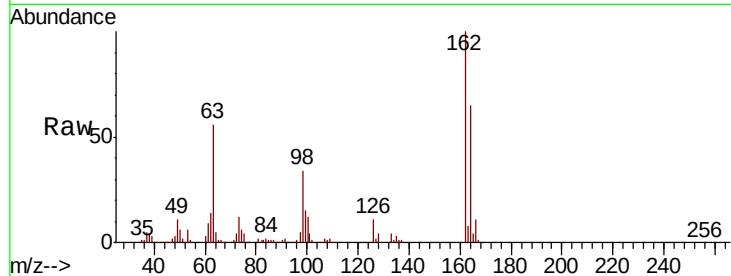
#29
2,4-Dichlorophenol
Concen: 47.790 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	169010		
164	64.8	48.1	88.1	
98	33.5	18.1	58.1	

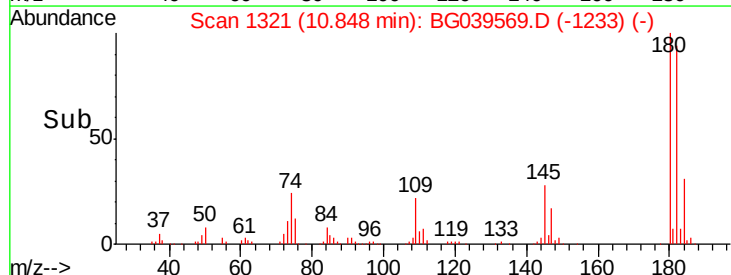
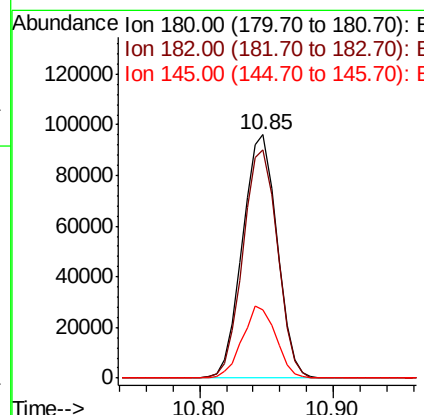
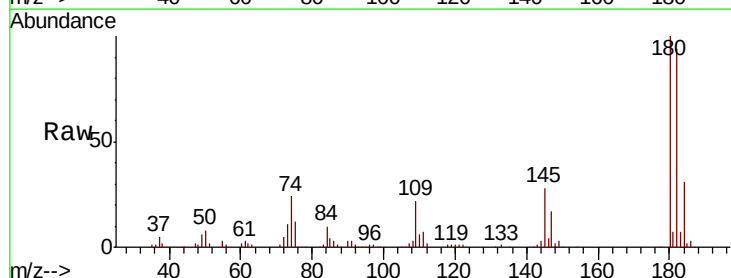
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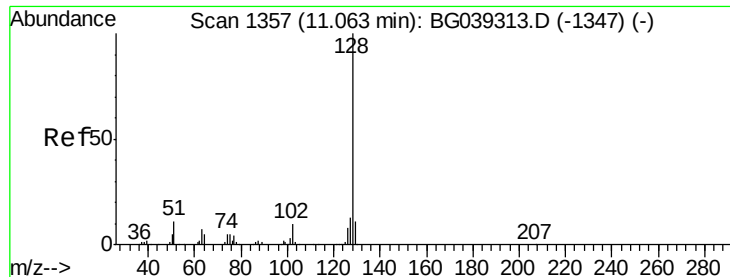
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#30
1,2,4-Trichlorobenzene
Concen: 43.289 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	171877		
182	93.7	76.0	114.0	
145	28.0	22.7	34.1	





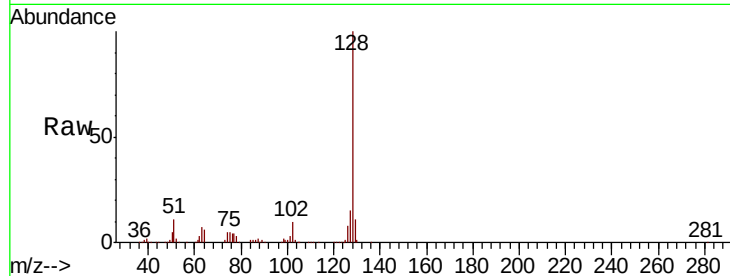
#31
Naphthalene
Concen: 44.284 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	15.1	10.8	16.2

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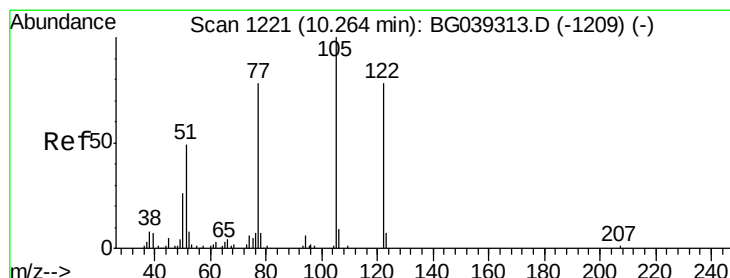
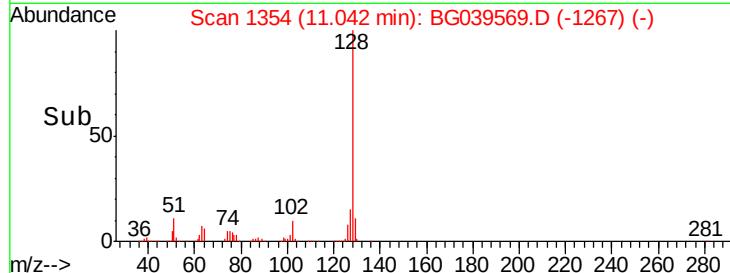
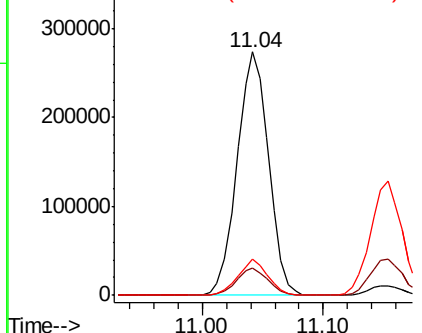


Abundance

Ion 128.00 (127.70 to 128.70): E

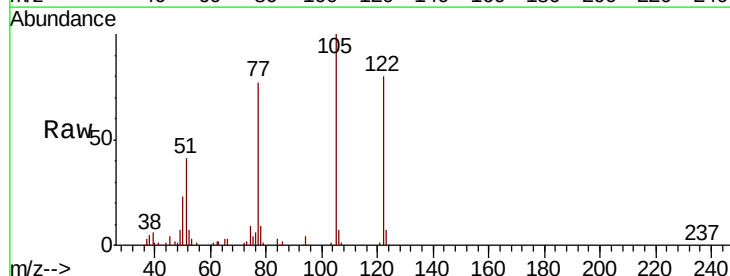
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 51.627 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	101.8	141.8
77	96.2	76.3	116.3

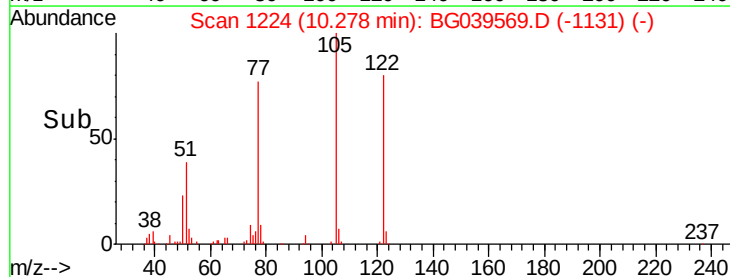
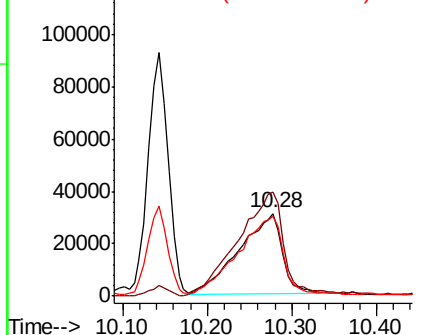


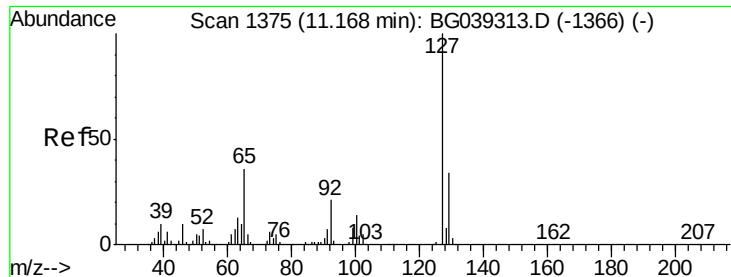
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





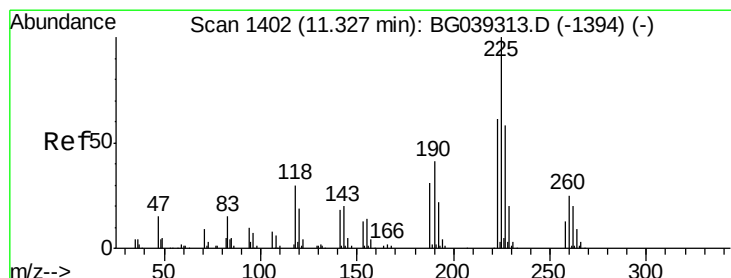
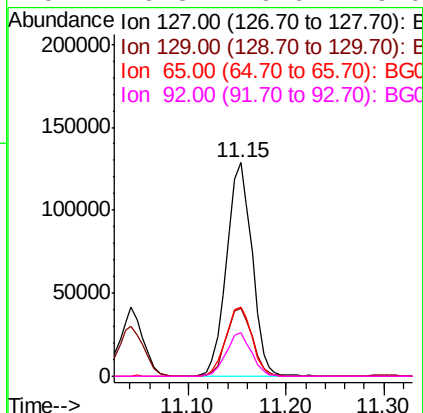
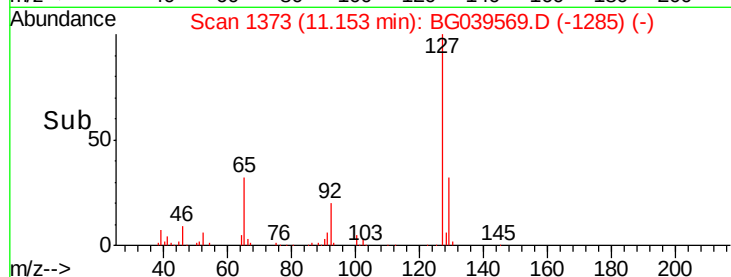
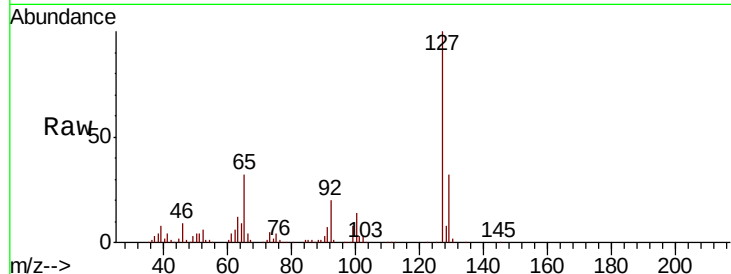
#33
4-Chloroaniline
Concen: 44.971 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	27.0	40.4		
65	32.5	28.8	43.2		
92	20.3	16.6	25.0		

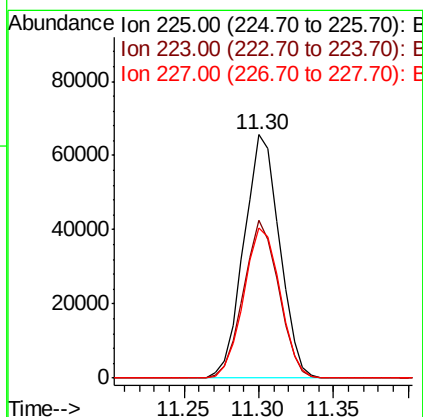
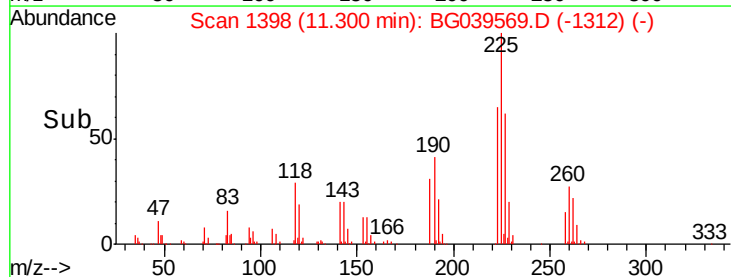
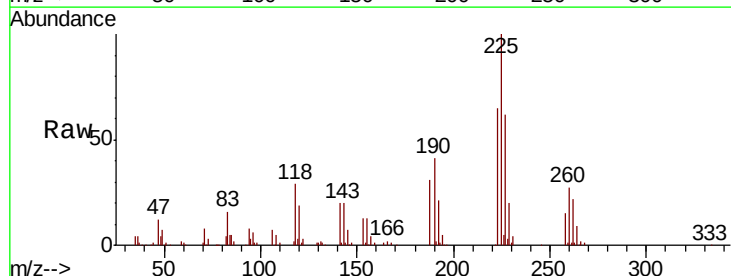
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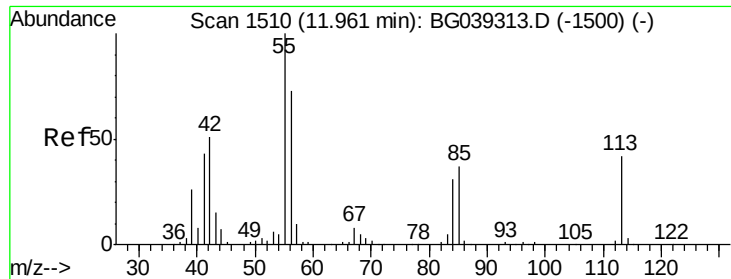
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#34
Hexachlorobutadiene
Concen: 41.105 ng
RT: 11.30 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	49.0	73.6		
227	61.9	46.3	69.5		





#35

Caprolactam

Concen: 39.930 ng/mL

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

Tot Ion: 113 Resp: 58435

Ion Ratio Lower Upper

113 100

55 227.1 216.9 256.9

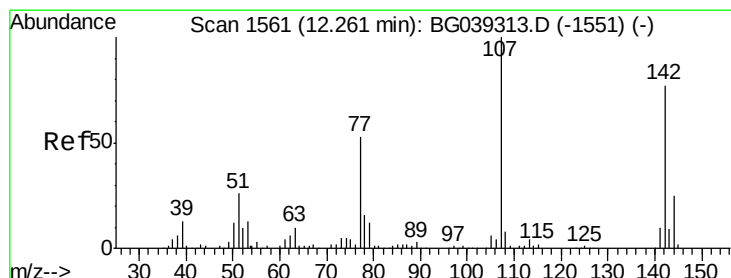
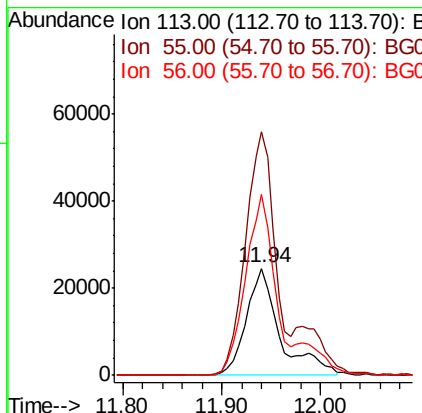
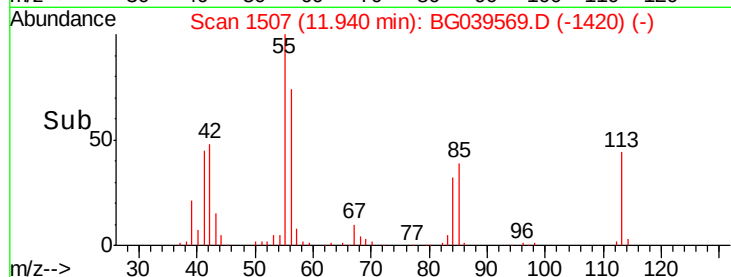
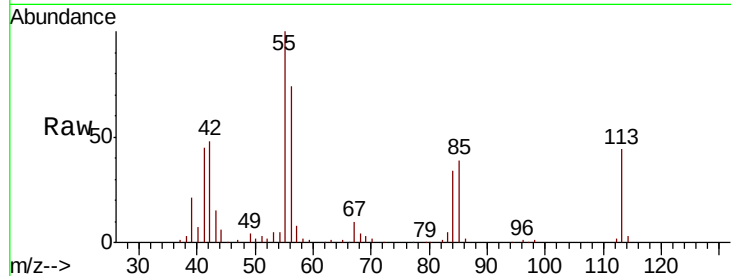
56 168.5 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 46.084 ng/mL

RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

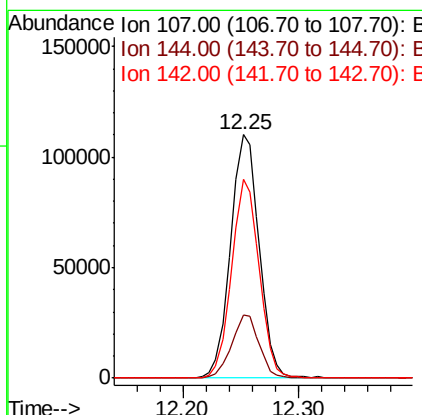
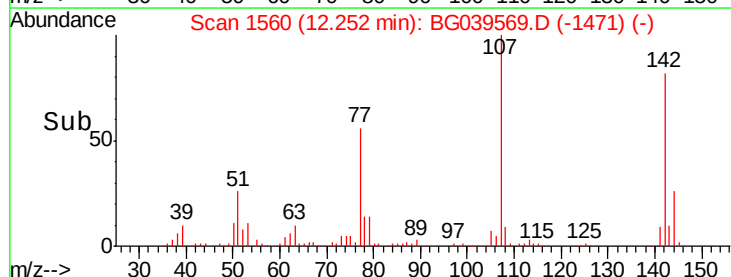
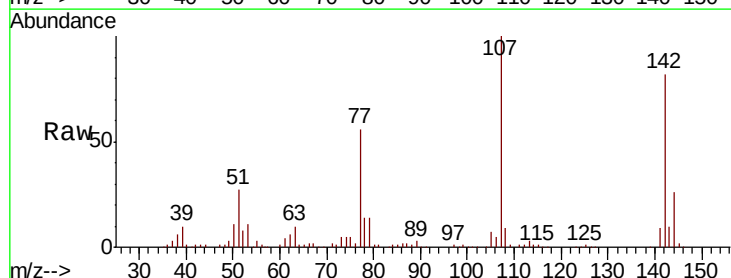
Tgt Ion: 107 Resp: 188485

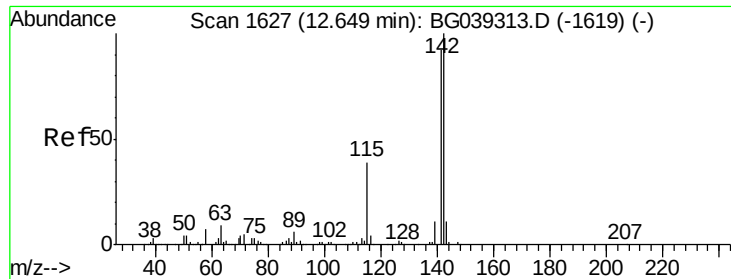
Ion Ratio Lower Upper

107 100

144 25.8 20.2 30.2

142 81.6 61.4 92.2





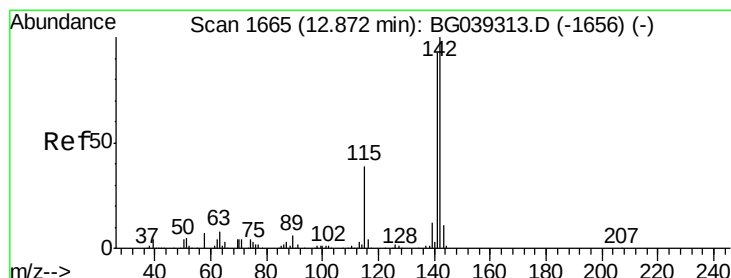
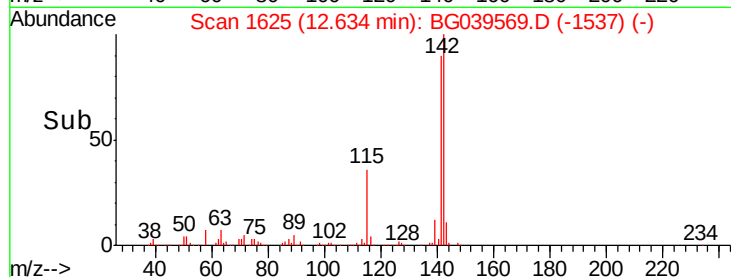
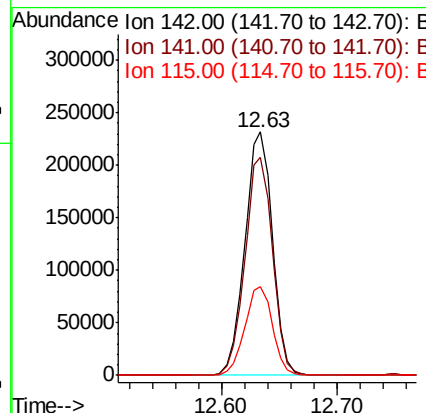
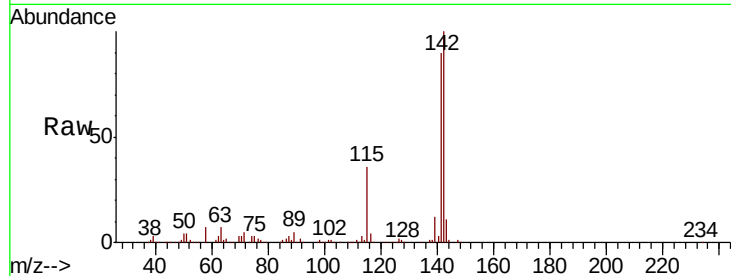
#37
2-Methylnaphthalene
Concen: 46.121 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	73.5	110.3
115	36.2	30.8	46.2

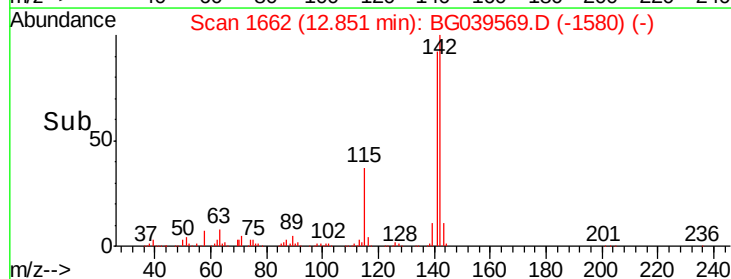
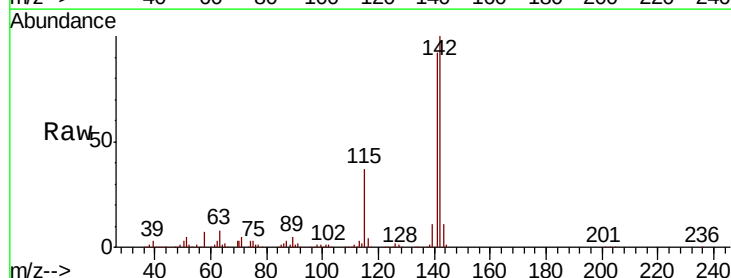
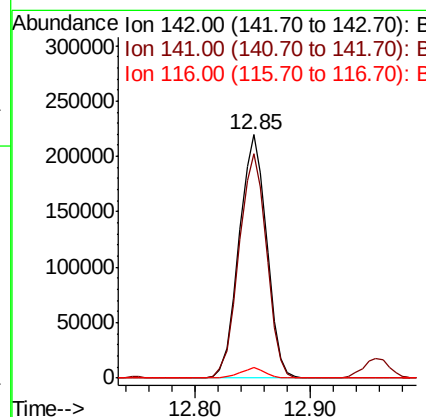
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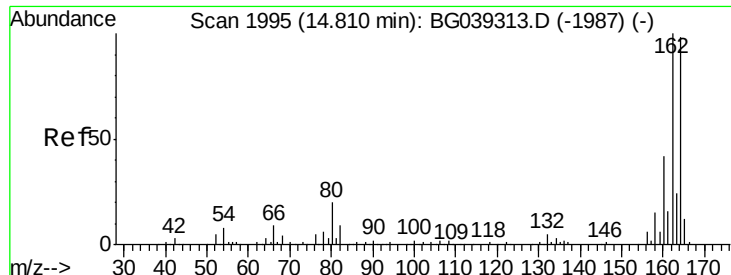
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#38
1-Methylnaphthalene
Concen: 45.452 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

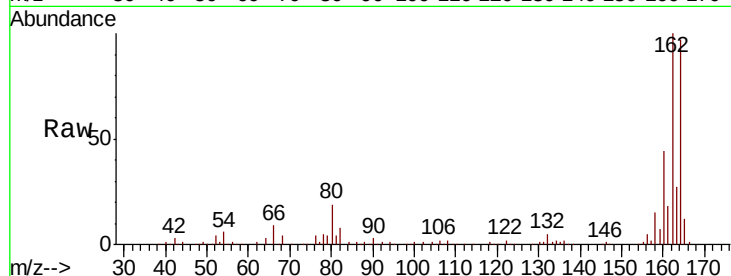
ClientSampled :

PB117221BS

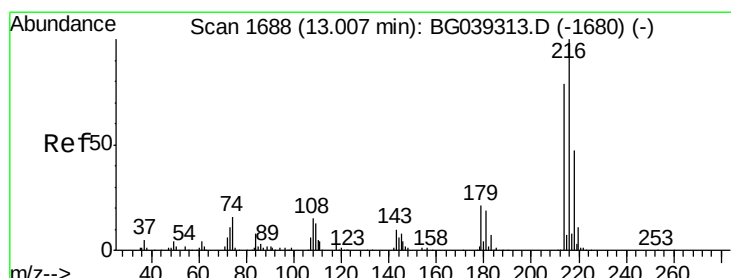
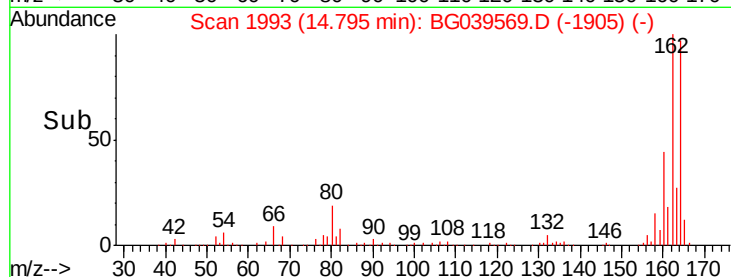
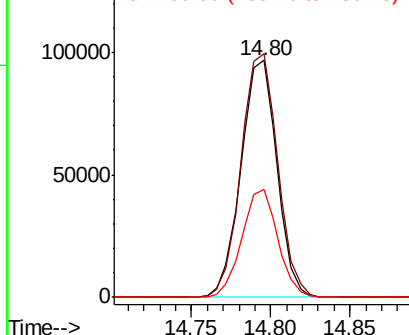
Tot Ion:	164	Resp:	152051
Ion Ratio	Lower	Upper	
164	100		
162	102.7	81.6	122.4
160	45.3	34.2	51.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.947 ng

RT: 12.99 min Scan# 1686

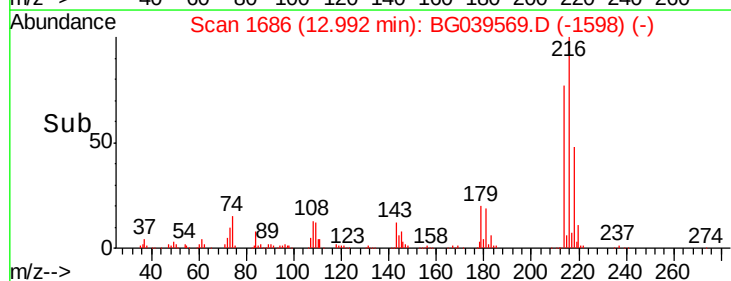
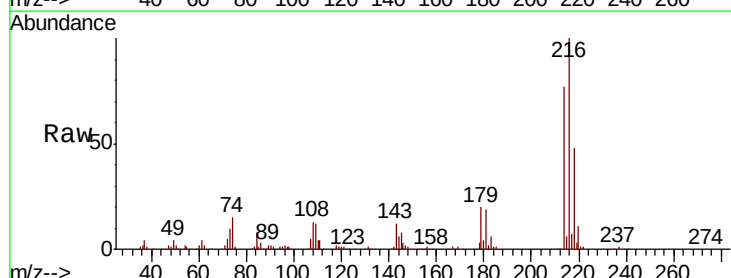
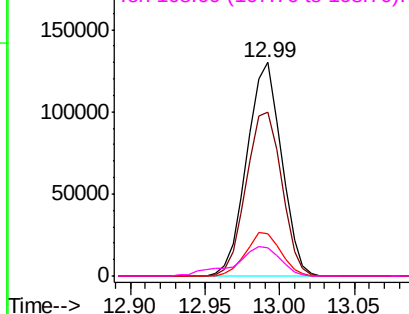
Delta R.T. -0.02 min

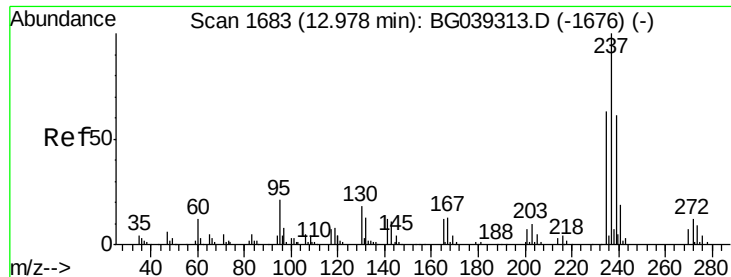
Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	216	Resp:	207772
Ion Ratio	Lower	Upper	
216	100		
214	78.8	62.6	94.0
179	20.6	16.6	25.0
108	17.8	14.0	21.0

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.214 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

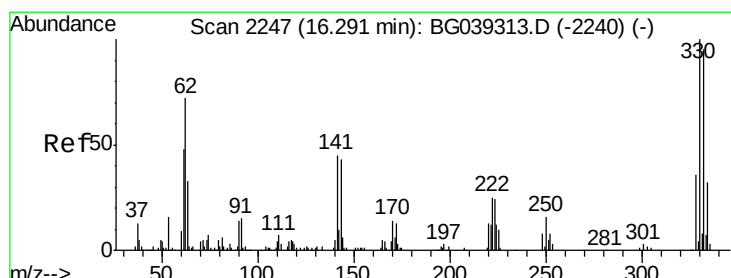
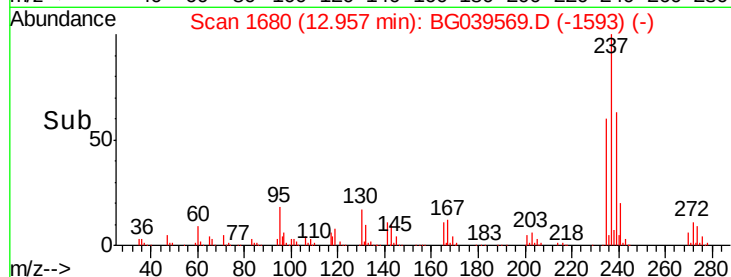
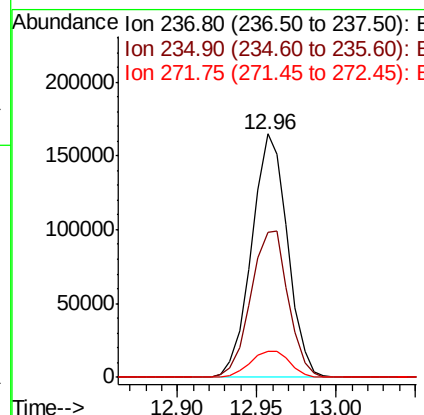
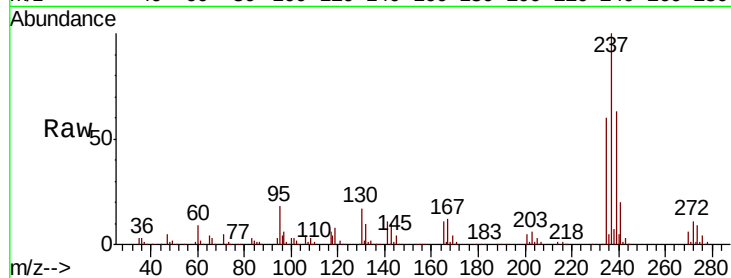
ClientSampleId :

PB117221BS

Tot Ion:	237	Resp:	258912
Ion Ratio	Lower	Upper	
237	100		
235	59.7	43.3	83.3
272	10.9	0.0	32.3

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#42

2,4,6-Tribromophenol

Concen: 167.843 ng

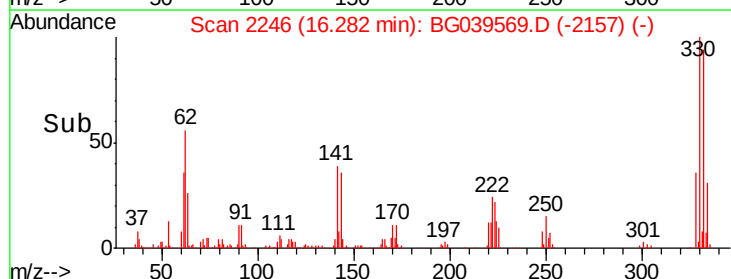
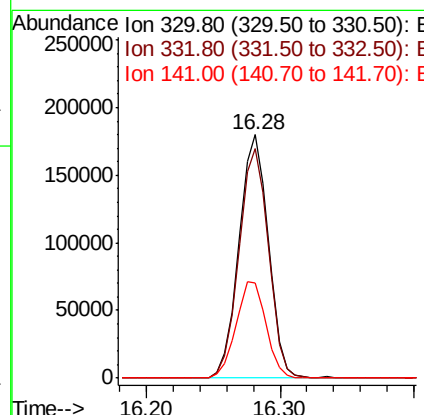
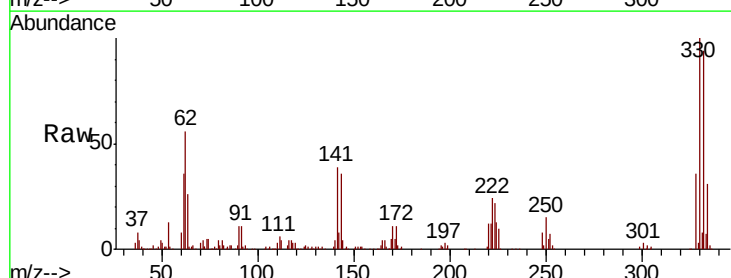
RT: 16.28 min Scan# 2246

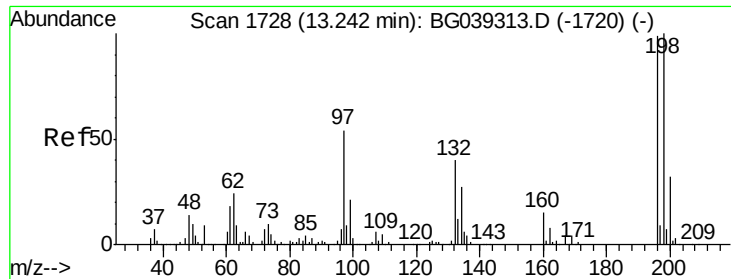
Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	330	Resp:	274814
Ion Ratio	Lower	Upper	
330	100		
332	94.9	75.7	113.5
141	40.7	35.6	53.4





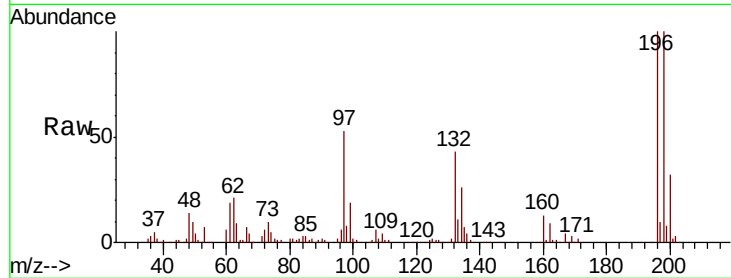
#43
2,4,6-Trichlorophenol
Concen: 48.172 ng
RT: 13.23 min Scan# 1726
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	143290		
198	100.1	80.6	121.0	
200	32.0	26.1	39.1	

Manual Integrations
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Sohil
2/20/2019 10:24:36 AM

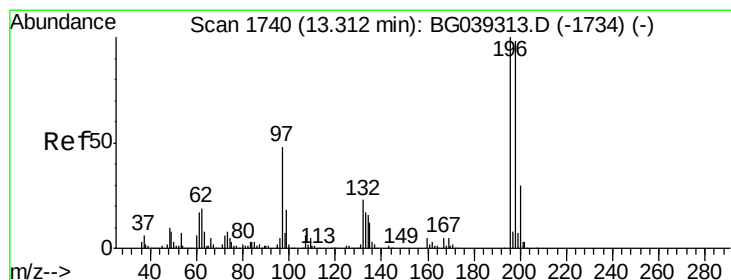
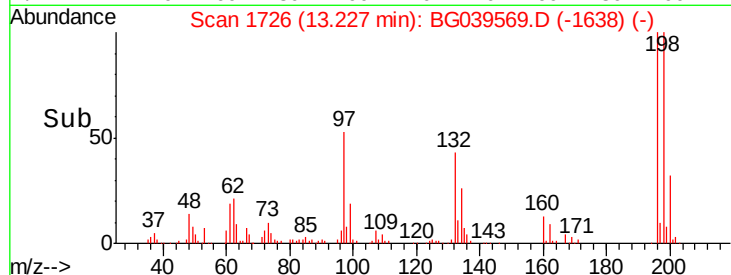
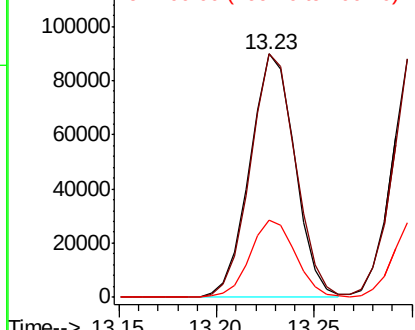


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 49.881 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155507		
198	100.5	78.5	117.7	
97	46.9	38.4	57.6	
132	24.7	19.2	28.8	

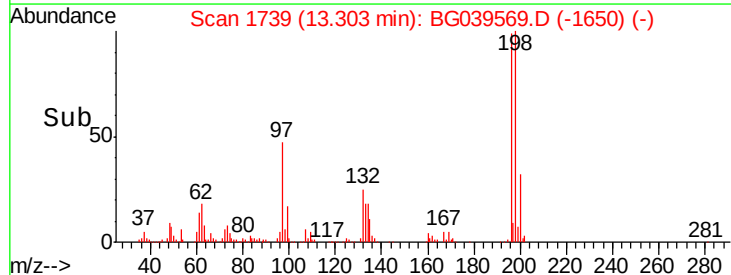
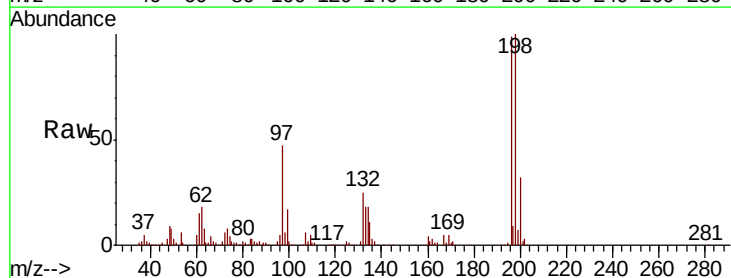
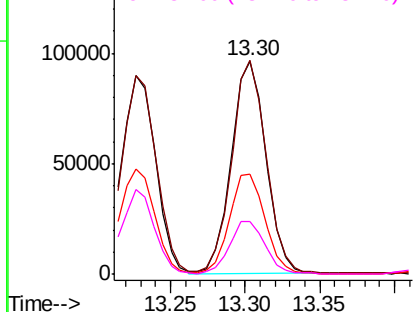
Abundance

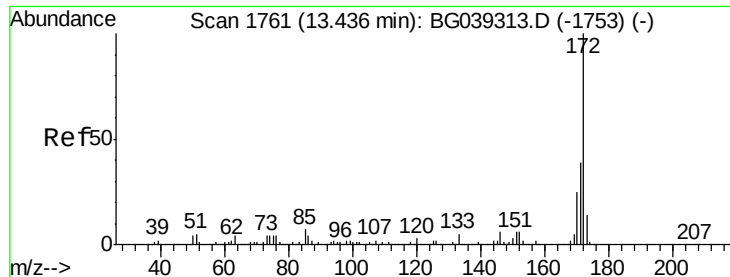
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





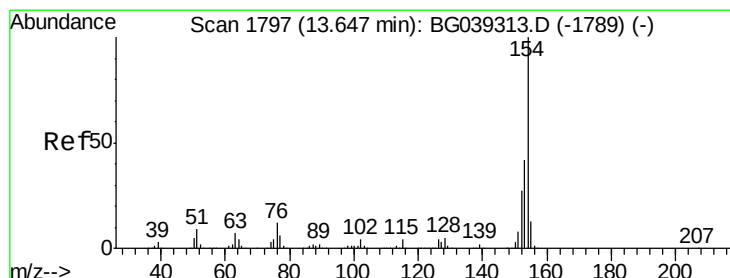
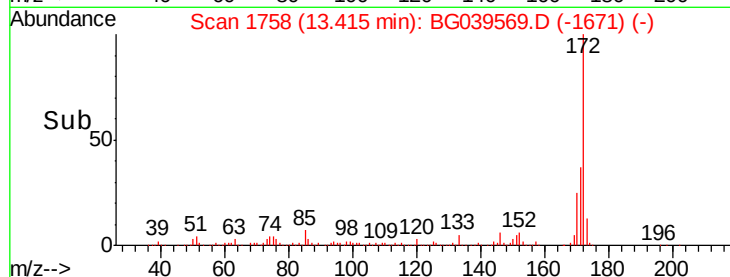
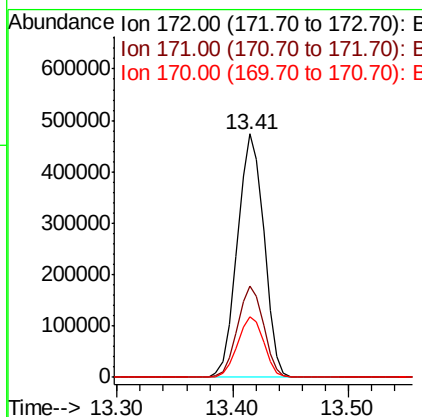
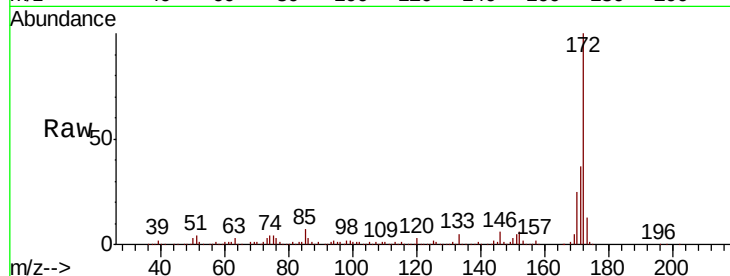
#45
2-Fluorobiphenyl
Concen: 71.012 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.8	20.2	30.4

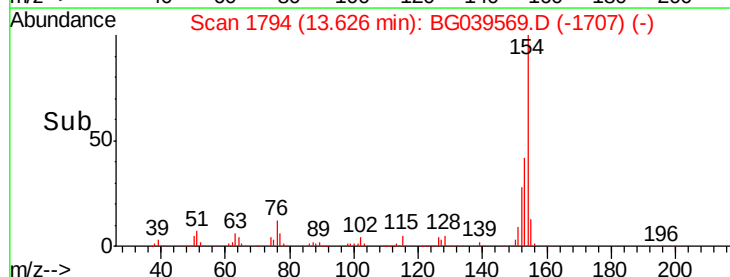
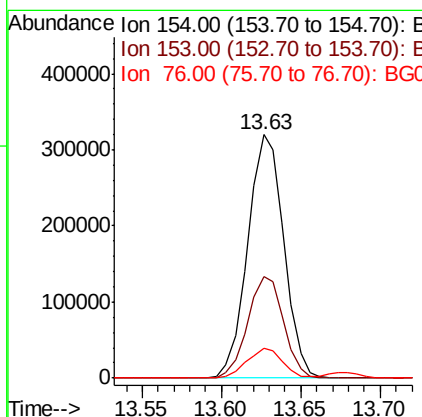
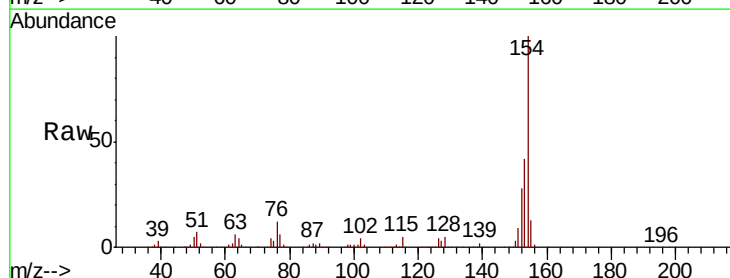
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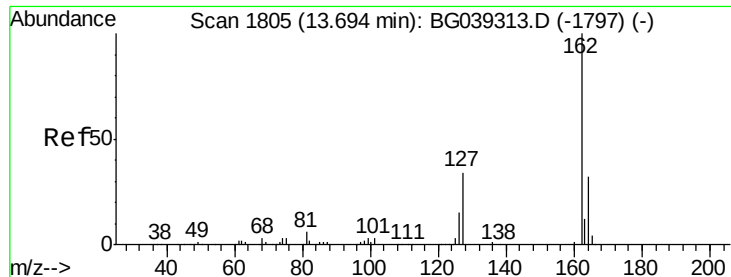
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#46
1,1'-Biphenyl
Concen: 39.798 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.1	62.1
76	12.4	0.0	32.4





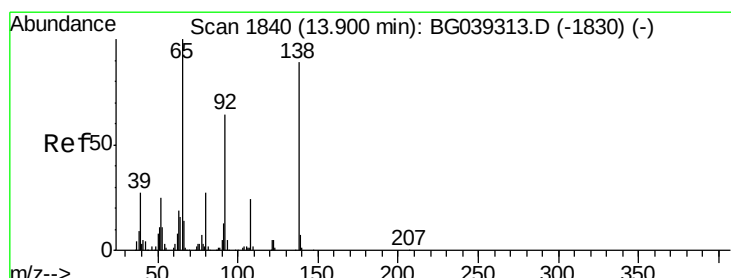
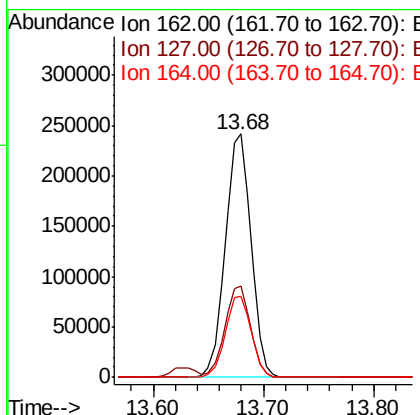
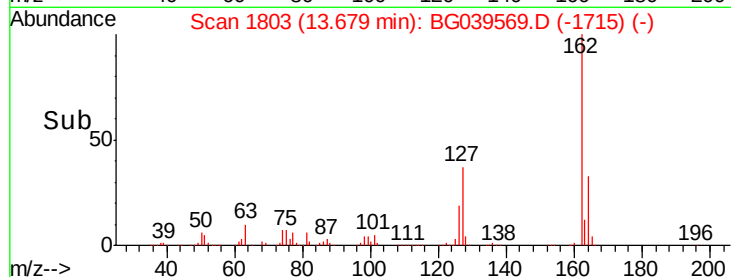
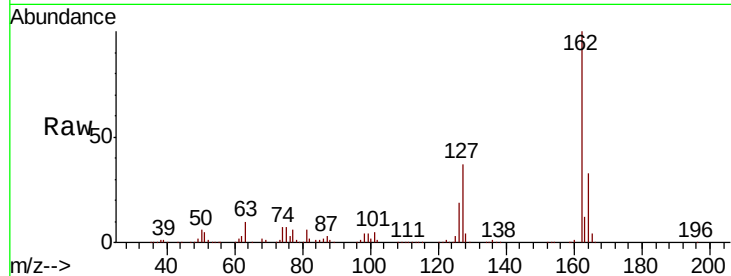
#47
2-Chloronaphthalene
Concen: 41.431 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.0	46.6
164	33.1	25.7	38.5

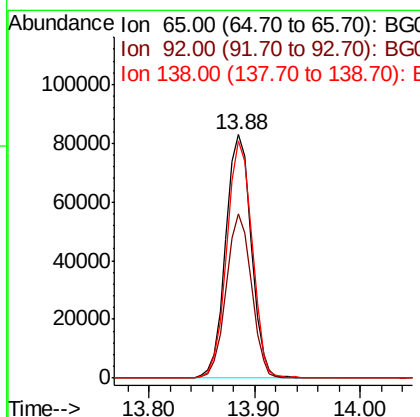
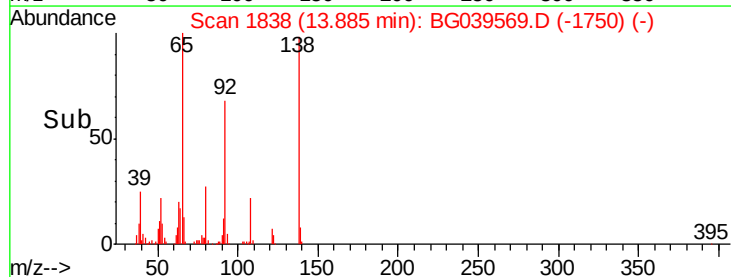
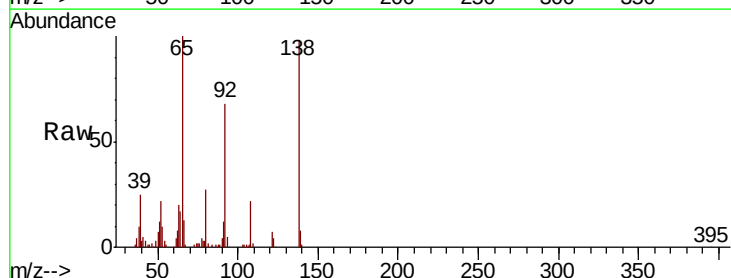
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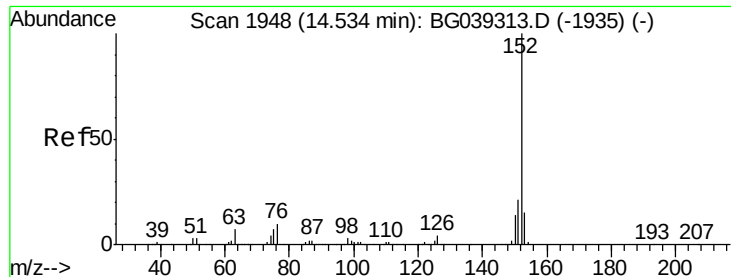
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#48
2-Nitroaniline
Concen: 50.306 ng
RT: 13.88 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	51.4	77.2
138	97.6	71.4	107.2





#49

Acenaphthylene

Concen: 43.971 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

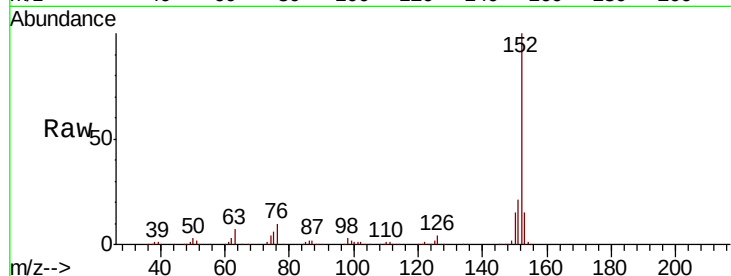
ClientSampled :

PB117221BS

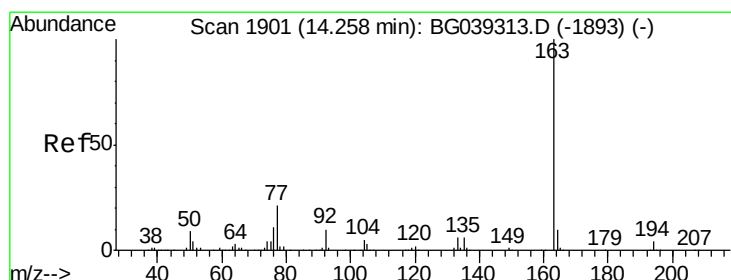
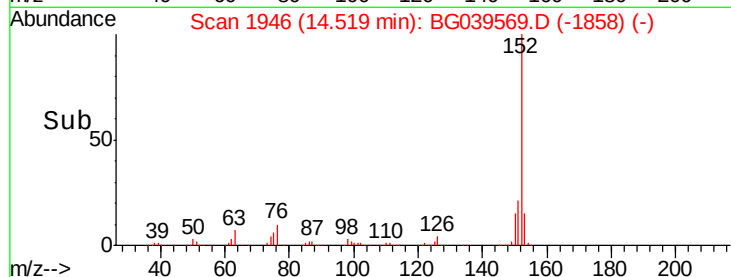
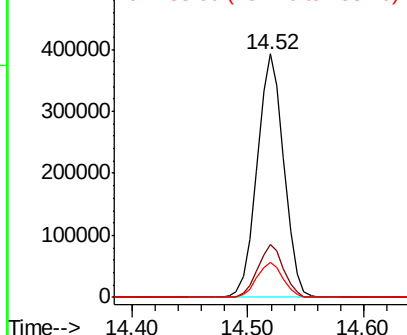
Tot Ion:	152	Resp:	631442
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.8	25.2
153	14.5	11.7	17.5

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



#50

Dimethylphthalate

Concen: 42.469 ng

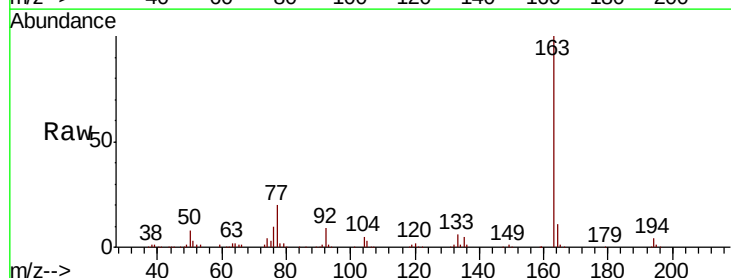
RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

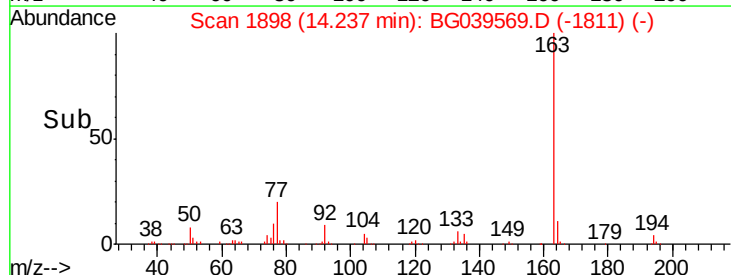
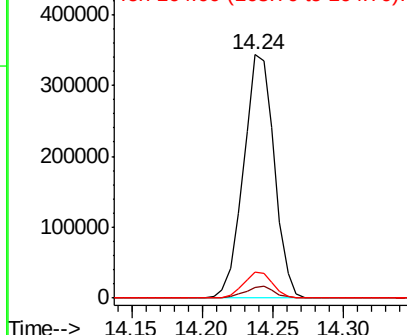
Lab File: BG039569.D

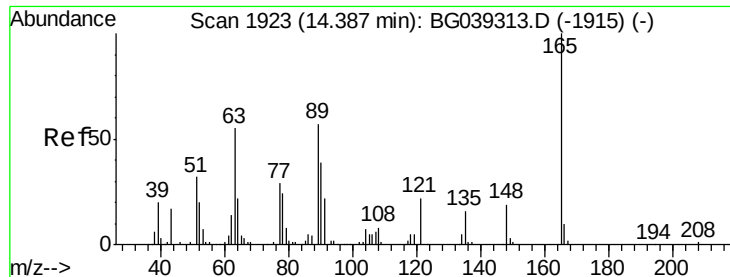
Acq: 20 Feb 2019 00:20

Tgt Ion:	163	Resp:	521523
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.7	8.4	12.6



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





#51

2,6-Dinitrotoluene

Concen: 50.822 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

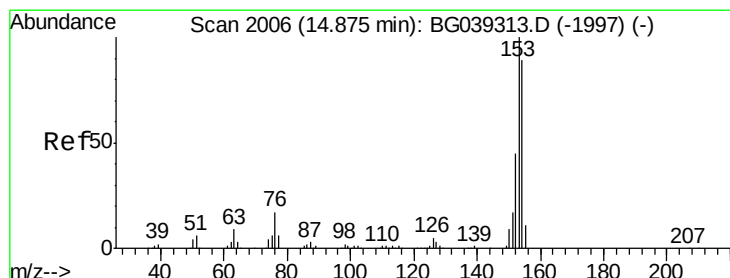
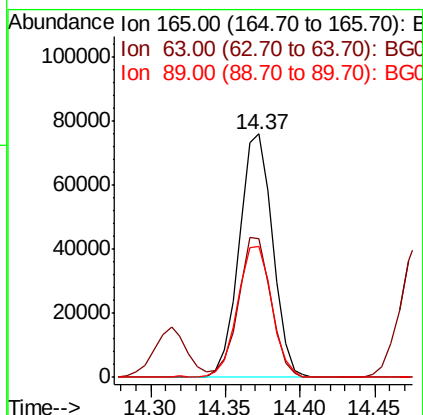
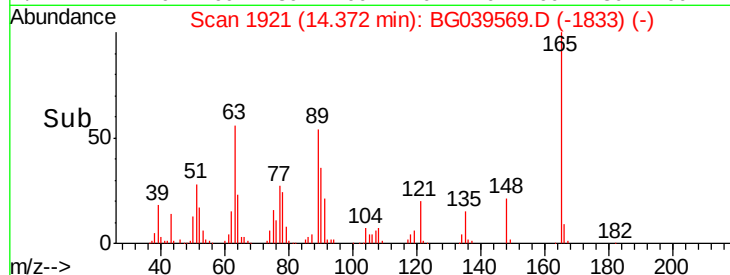
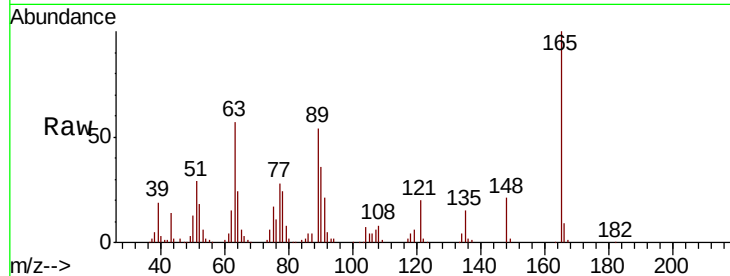
ClientSampleID :

PB117221BS

Tot Ion:	165	Resp:	117667
Ion Ratio	Lower	Upper	
165	100		
63	56.8	47.0	70.6
89	54.0	45.8	68.8

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#52

Acenaphthene

Concen: 41.252 ng

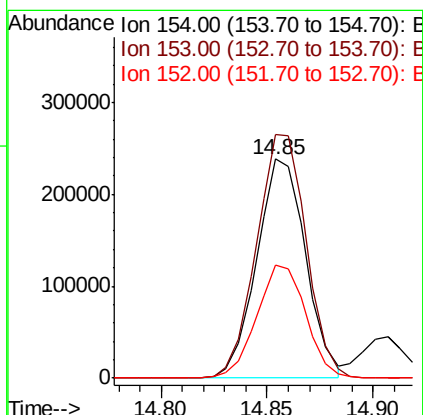
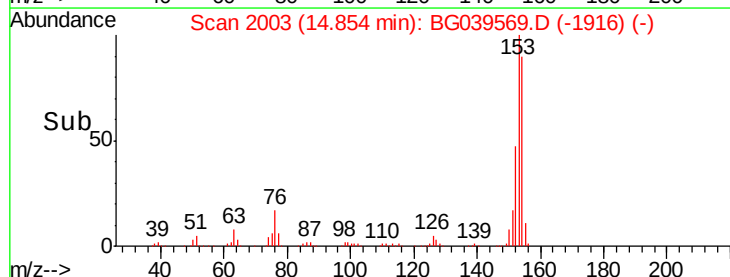
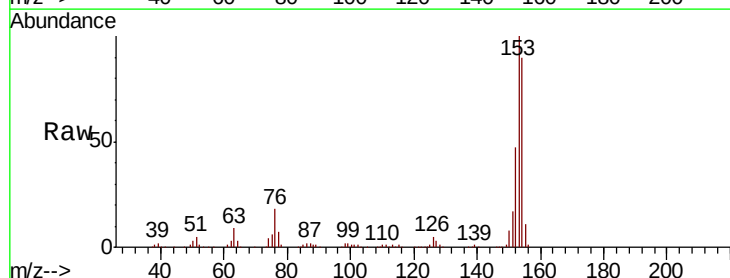
RT: 14.85 min Scan# 2003

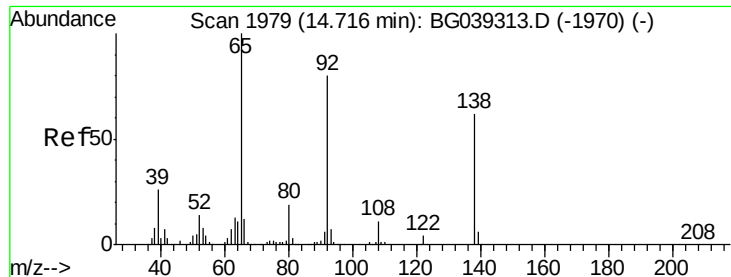
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	154	Resp:	384541
Ion Ratio	Lower	Upper	
154	100		
153	111.2	90.1	135.1
152	51.9	40.9	61.3





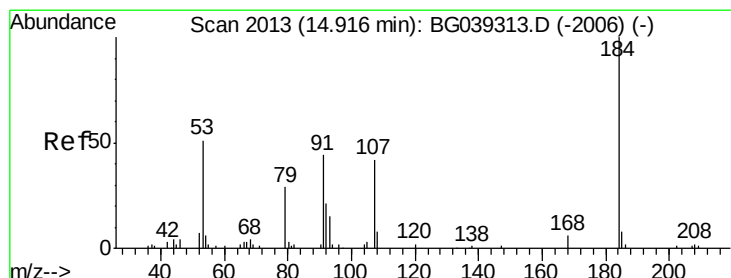
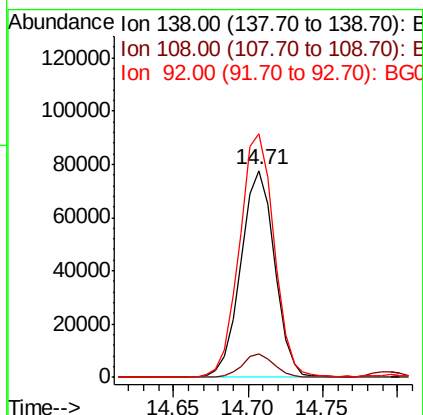
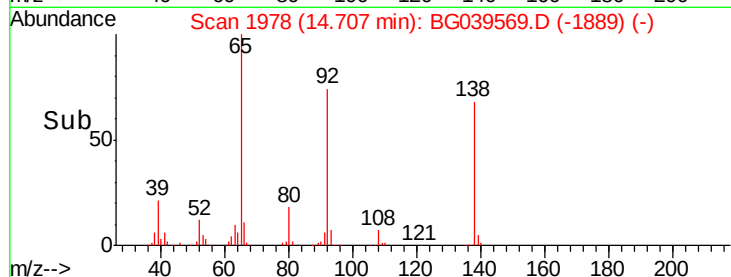
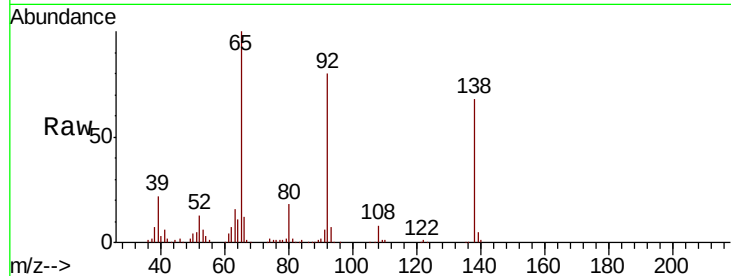
#53
3-Nitroaniline
Concen: 49.130 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion:138 Resp: 122054
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 117.8 103.7 155.5

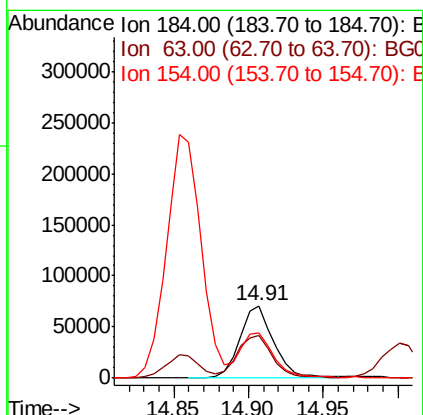
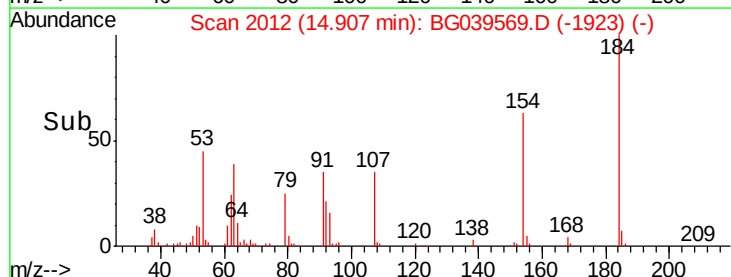
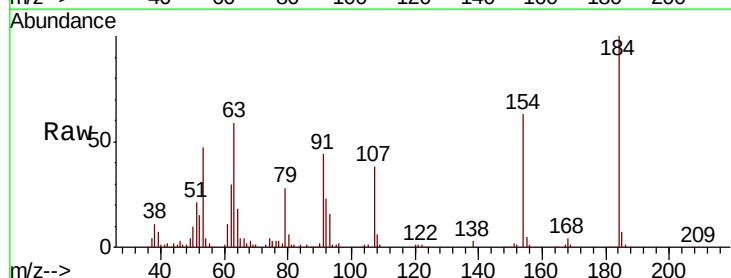
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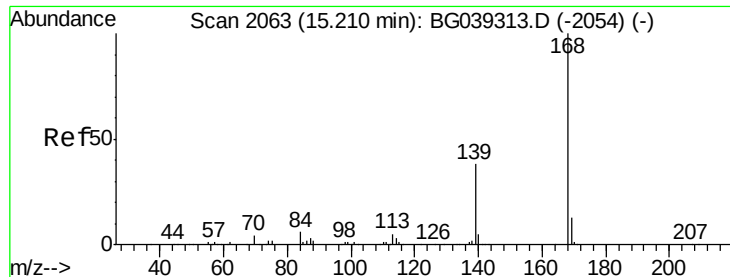
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#54
2,4-Dinitrophenol
Concen: 98.151 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion:184 Resp: 110708
Ion Ratio Lower Upper
184 100
63 59.2 50.9 76.3
154 63.0 53.0 79.6





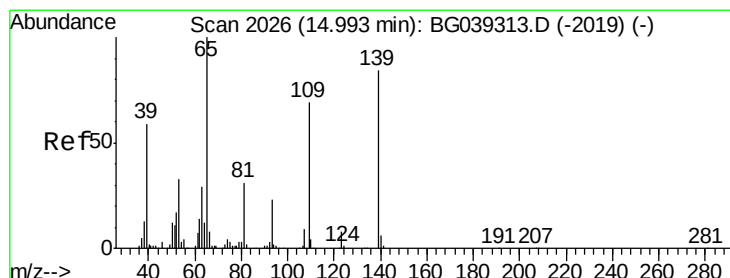
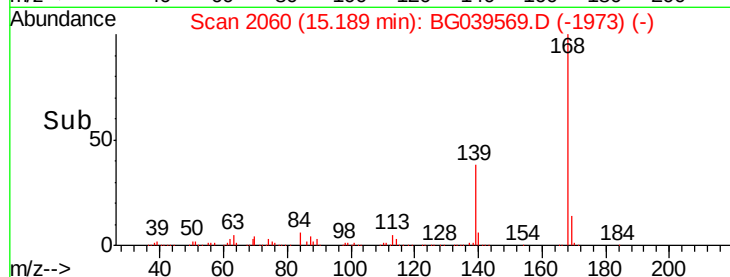
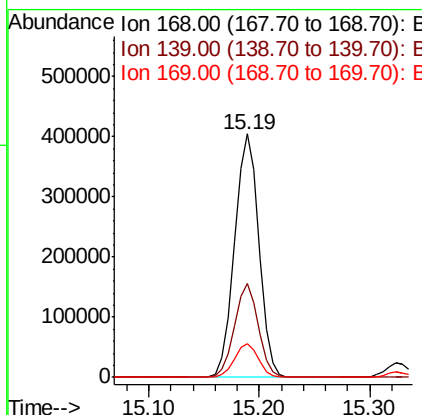
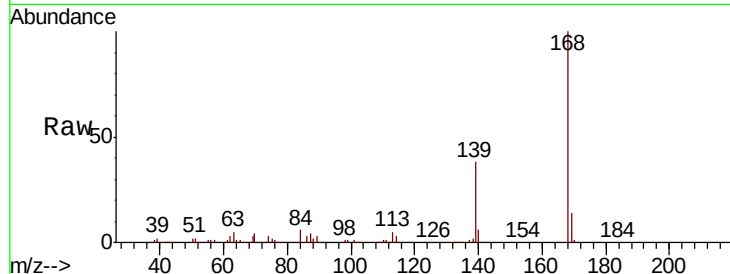
#55
Dibenzofuran
Concen: 41.781 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampled :
PB117221BS

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

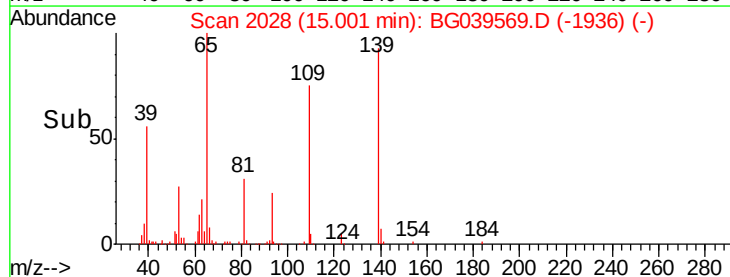
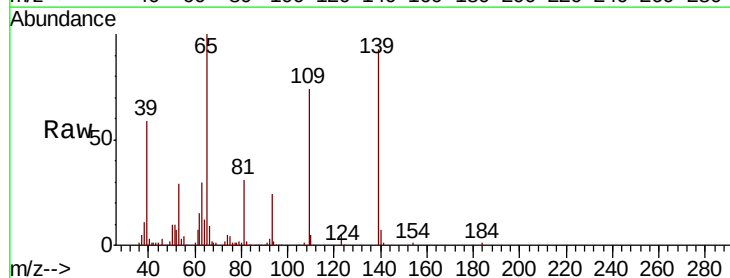
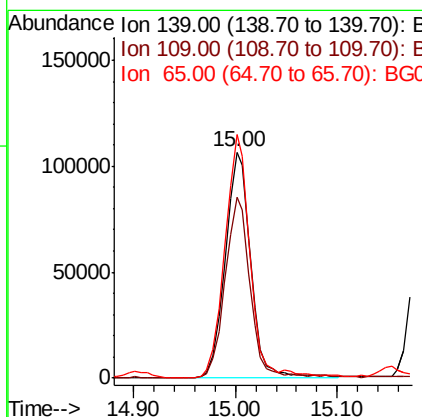
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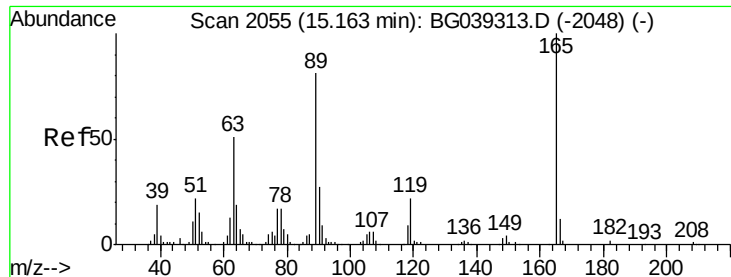
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#56
4-Nitrophenol
Concen: 83.401 ng
RT: 15.00 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	61.9	101.9
65	107.6	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 55.644 ng

RT: 15.15 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

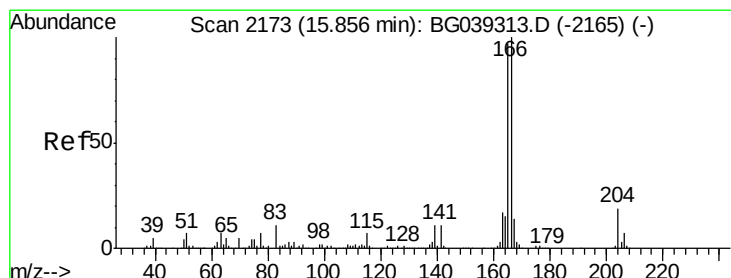
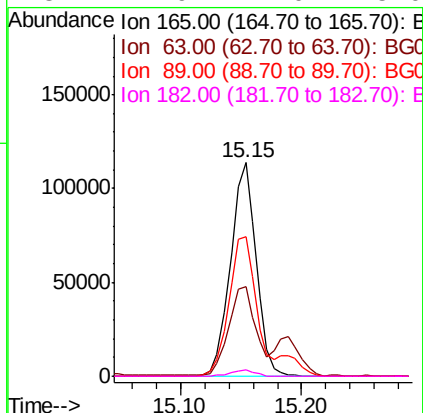
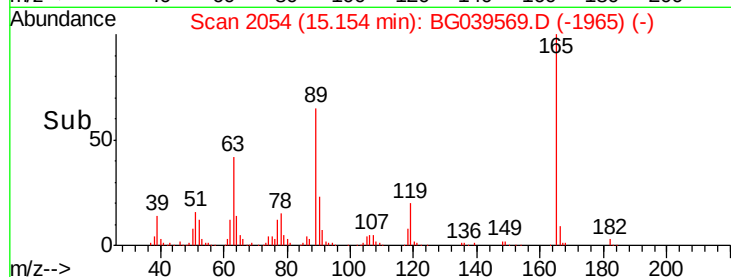
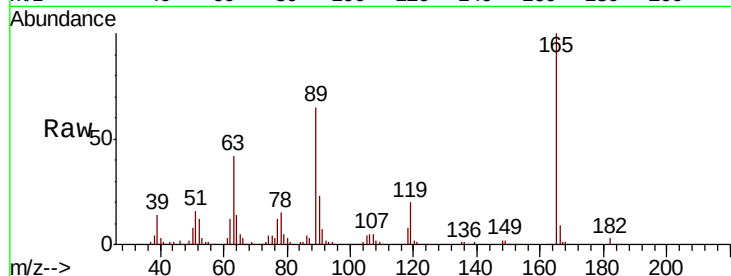
ClientSampleId :

PB117221BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		167965		
63	41.8		41.0	61.6	
89	65.3		64.6	96.8	
182	2.9		2.0	3.0	

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#58

Fluorene

Concen: 44.553 ng

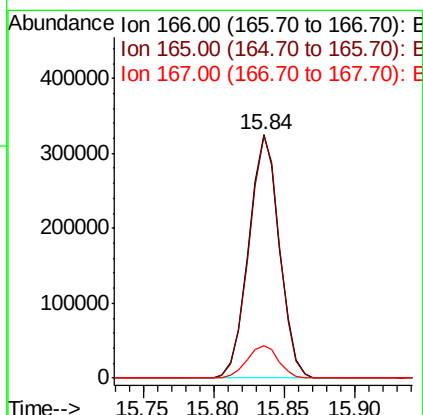
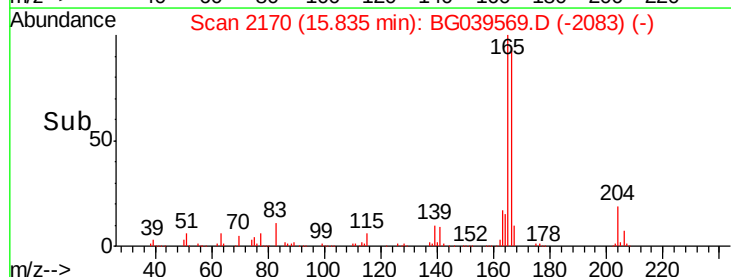
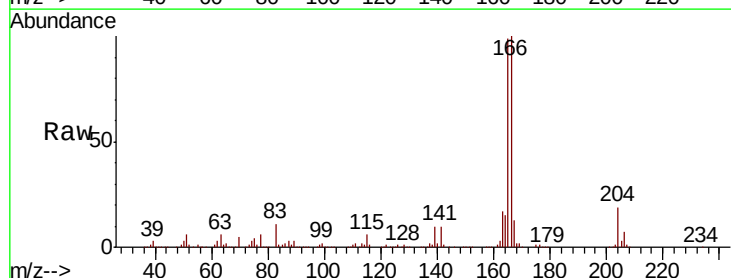
RT: 15.84 min Scan# 2170

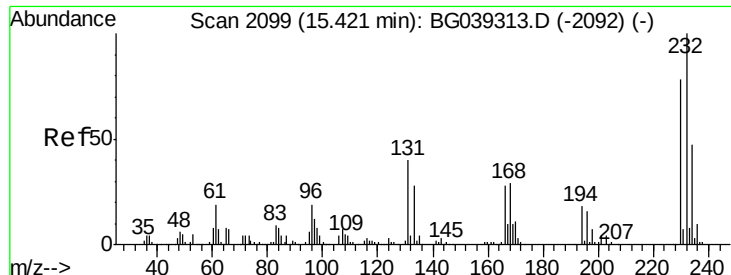
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		496383		
165	99.5		77.9	116.9	
167	13.2		10.8	16.2	





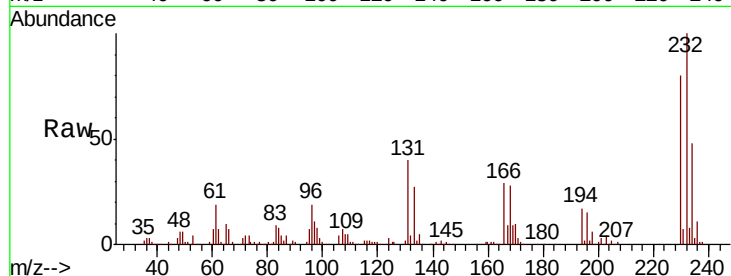
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.064 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	154896		
131	40.1		34.9	52.3
130	2.4		2.0	3.0
166	28.9		24.1	36.1

Manual Integrations
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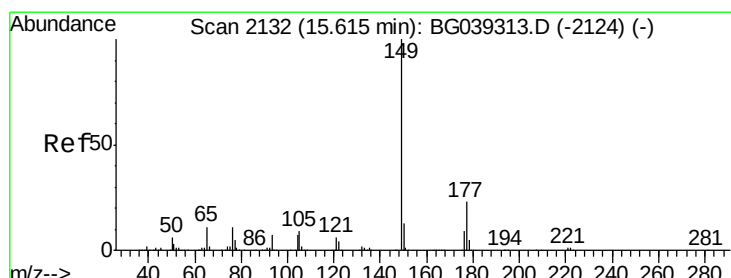
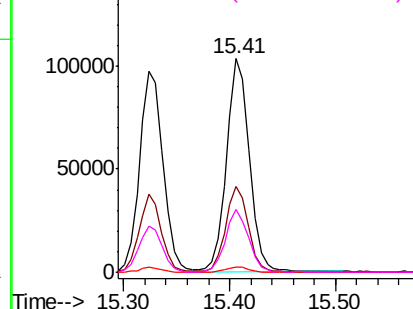
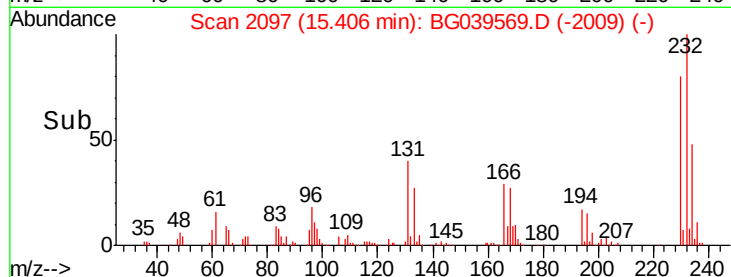
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

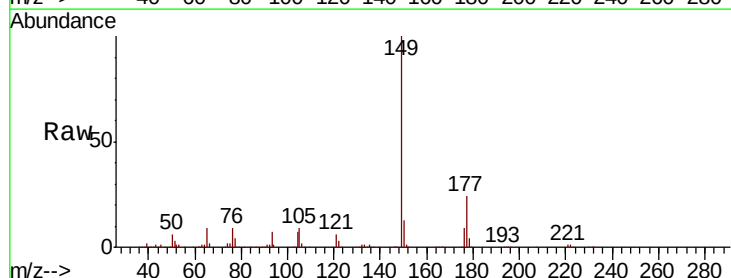
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.372 ng
 RT: 15.59 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	525298		
177	24.4		18.3	27.5
150	12.7		10.2	15.2

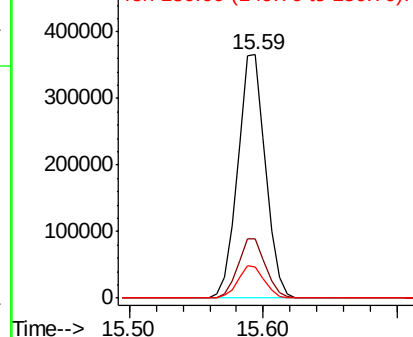
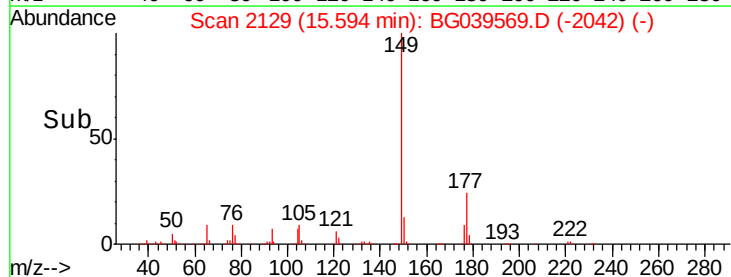


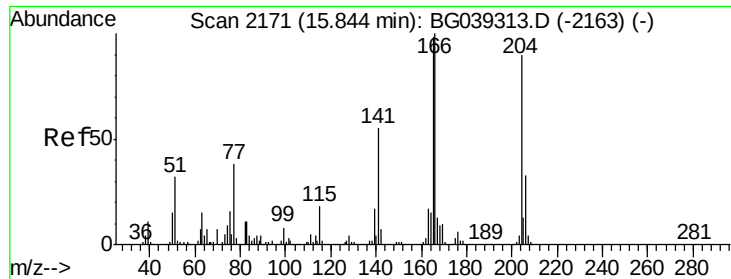
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





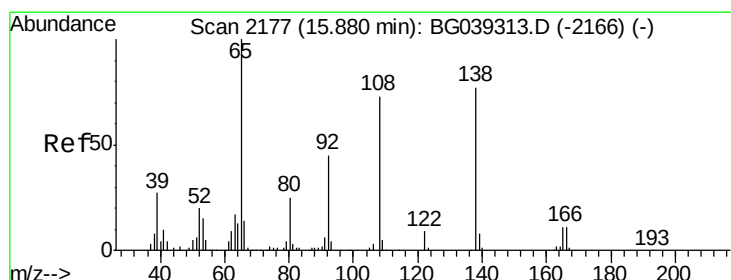
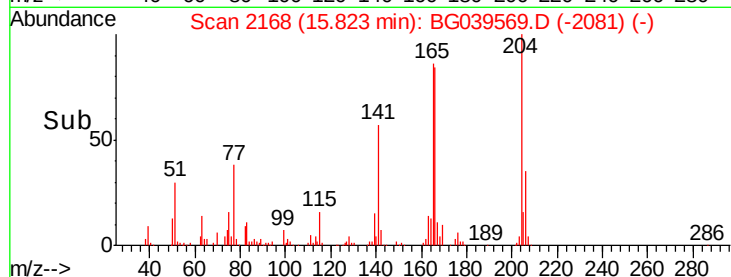
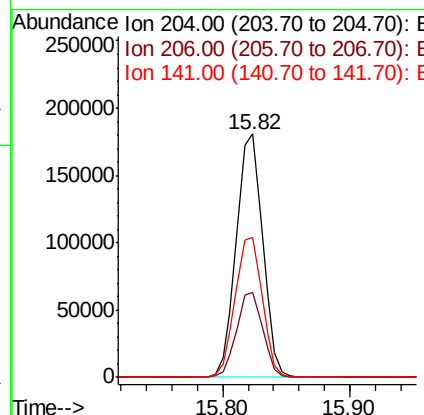
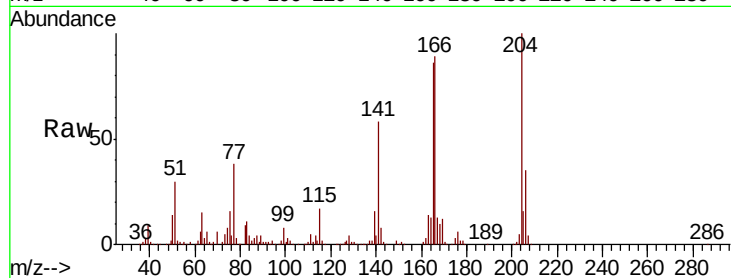
#61
4-Chlorophenyl-phenylether
Concen: 41.241 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	29.2	43.8
141	57.7	49.0	73.4

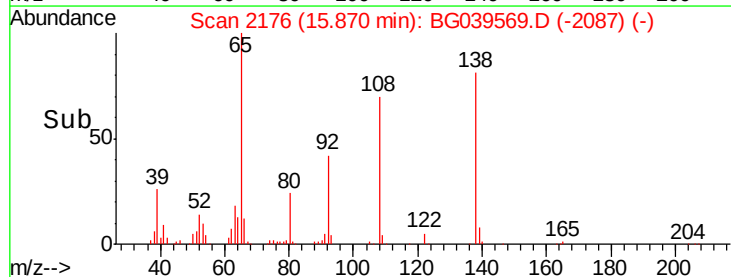
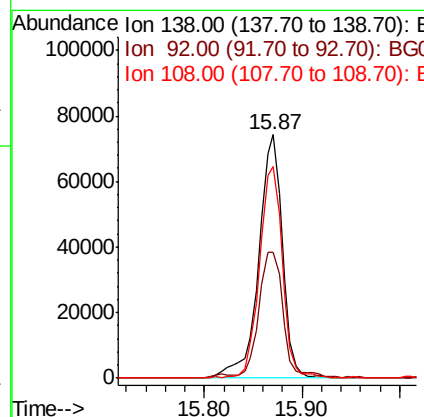
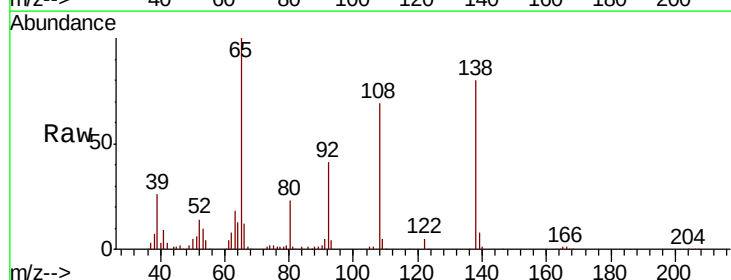
Manual Integrations
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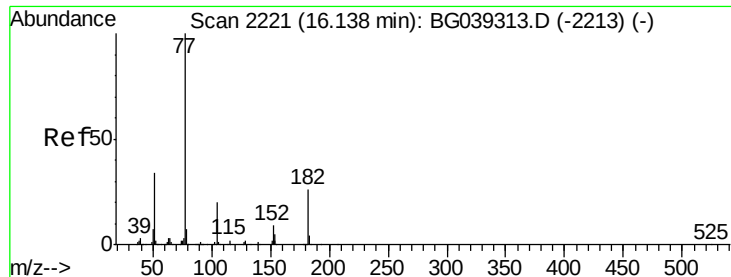
Sohil
2/20/2019 10:24:36 AM



#62
4-Nitroaniline
Concen: 48.793 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	38.7	78.7
108	86.9	74.6	114.6





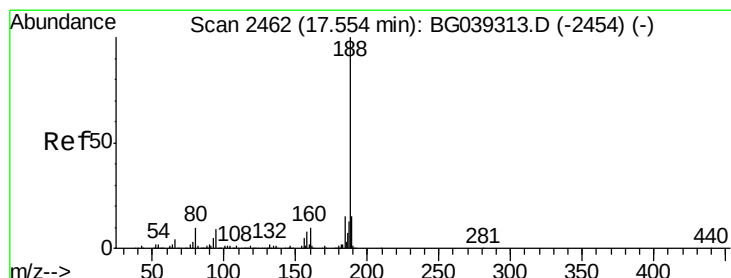
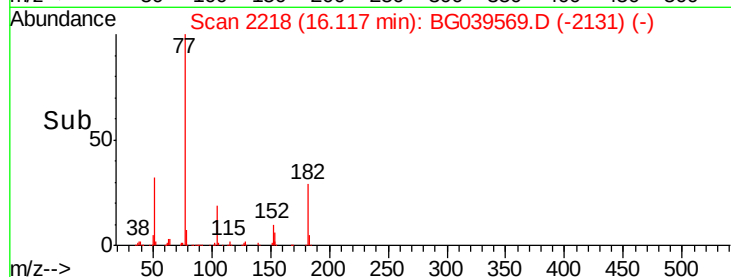
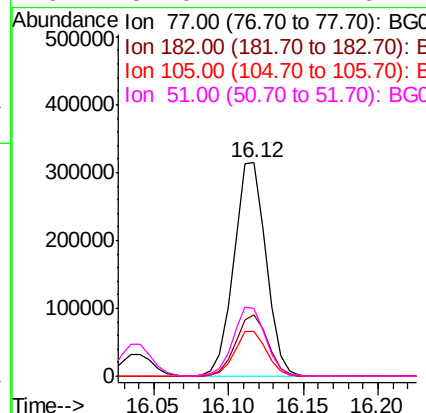
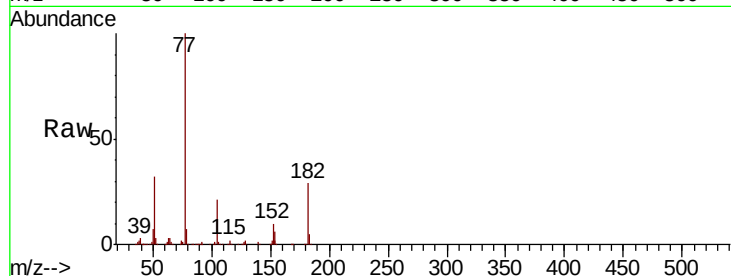
#63
Azobenzene
Concen: 38.230 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.4	46.4
105	21.3	0.0	39.8
51	32.0	14.1	54.1

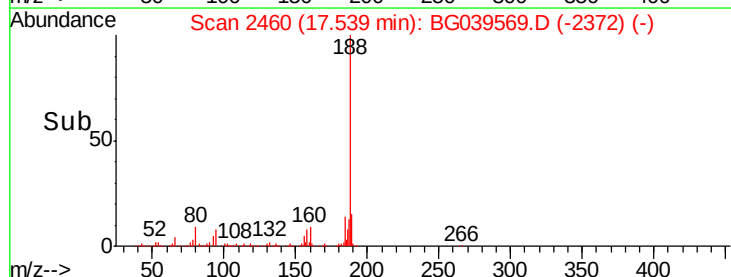
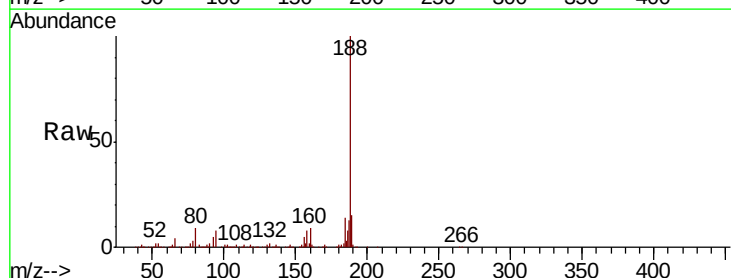
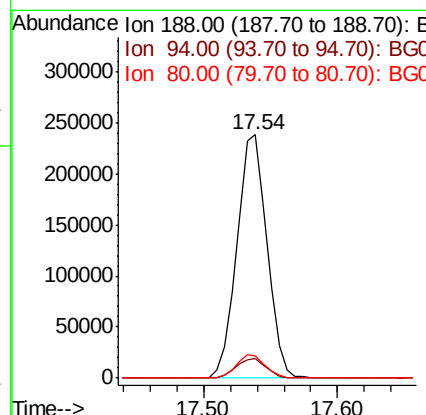
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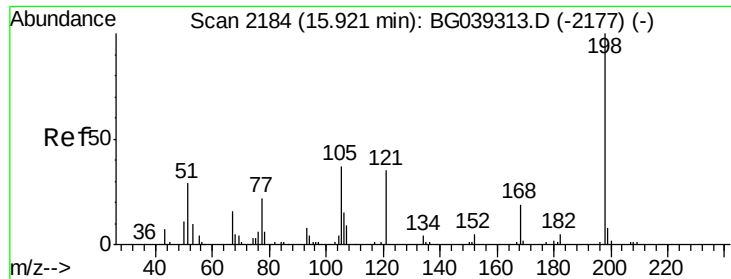
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.9	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 57.032 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

Tot Ion:198 Resp: 89889

Ion Ratio Lower Upper

198 100

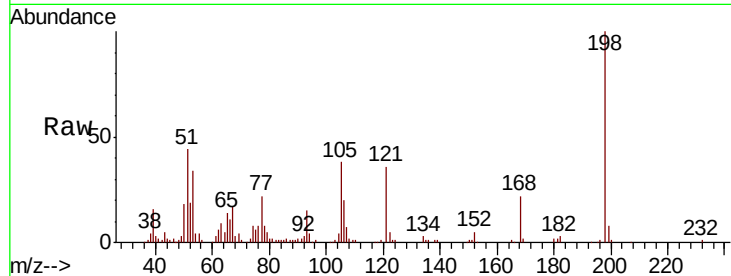
51 44.0 27.4 67.4

105 38.4 19.7 59.7

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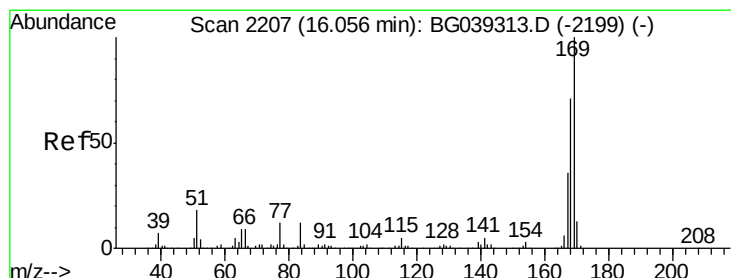
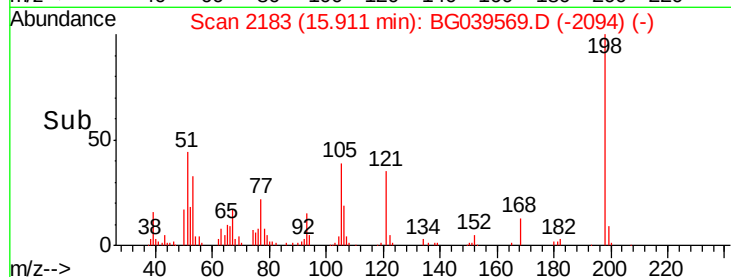
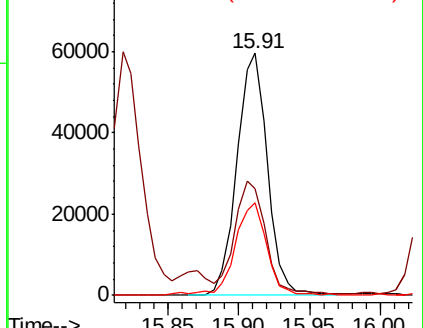
2/20/2019 10:24:36 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.677 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

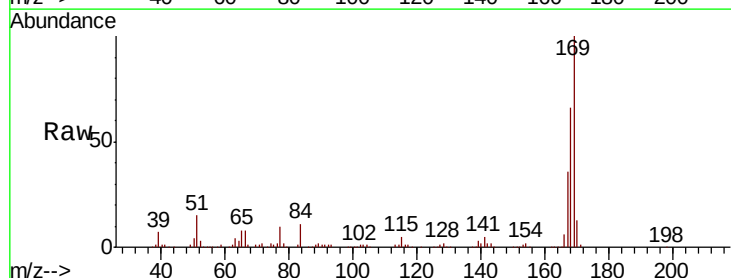
Tgt Ion:169 Resp: 460234

Ion Ratio Lower Upper

169 100

168 66.3 56.6 85.0

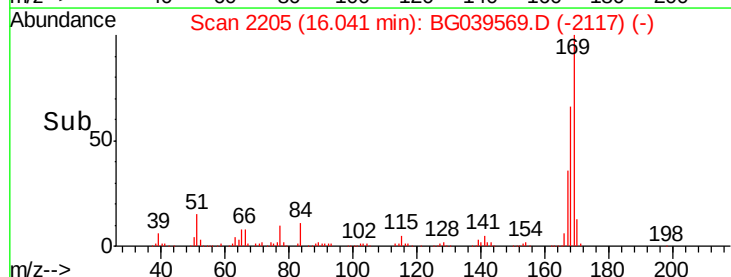
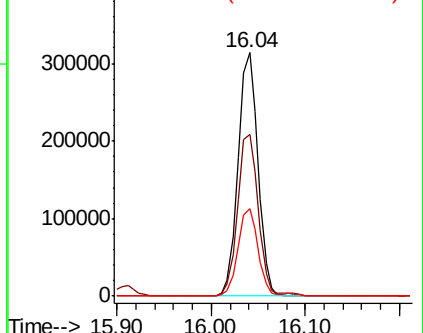
167 36.1 28.8 43.2

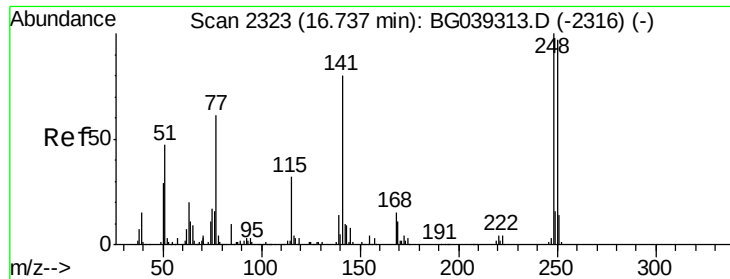


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.161 ng

RT: 16.72 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

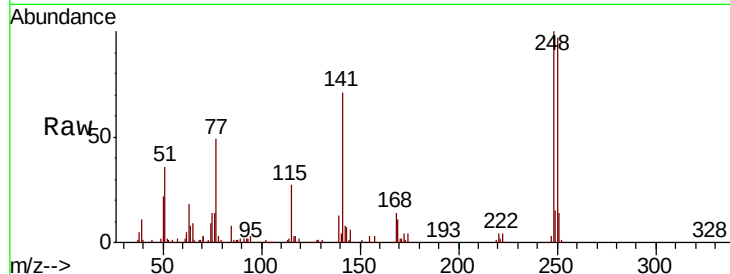
ClientSampleId :

PB117221BS

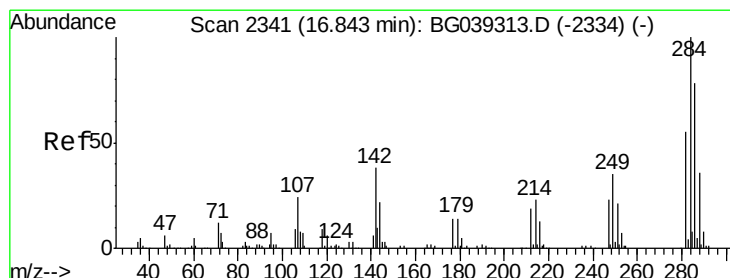
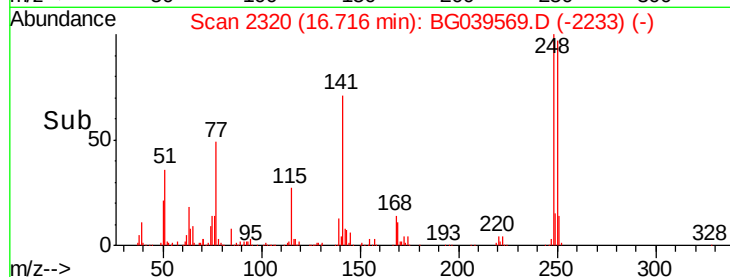
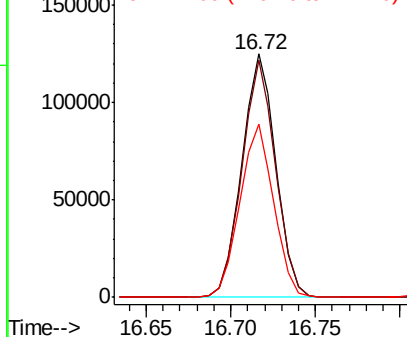
Tot Ion:	248	Resp:	174042
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.6	116.4
141	71.2	63.9	95.9

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



#68

Hexachlorobenzene

Concen: 43.091 ng

RT: 16.83 min Scan# 2339

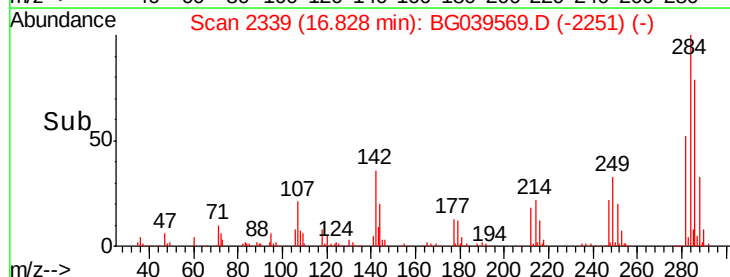
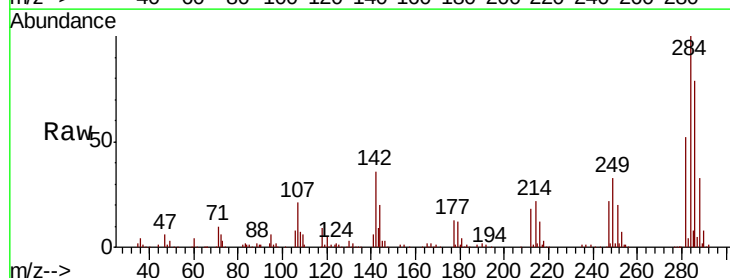
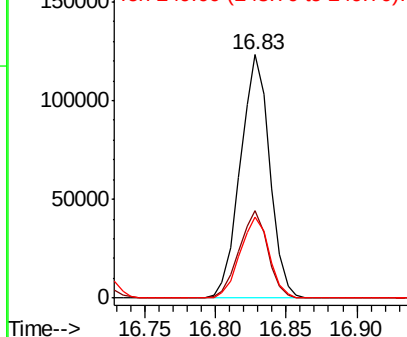
Delta R.T. -0.02 min

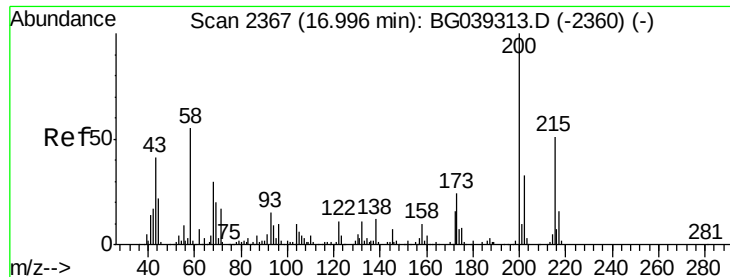
Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	284	Resp:	178470
Ion Ratio	Lower	Upper	
284	100		
142	35.9	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: 39.323 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

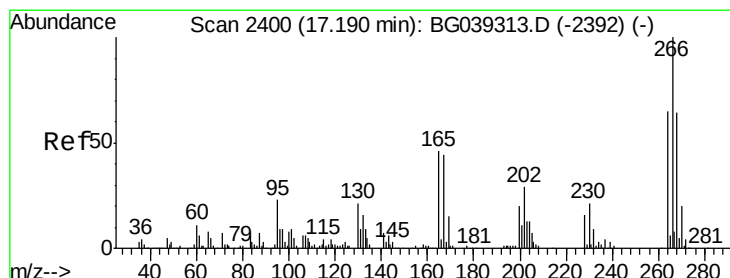
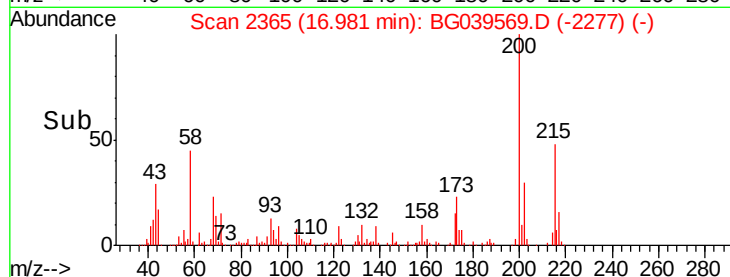
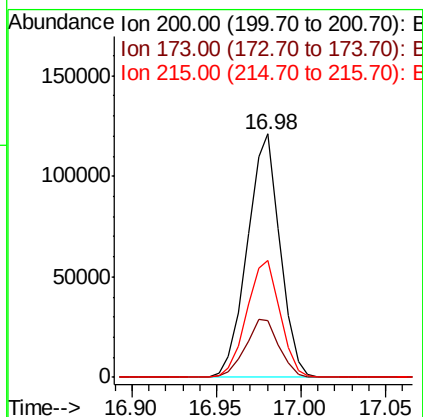
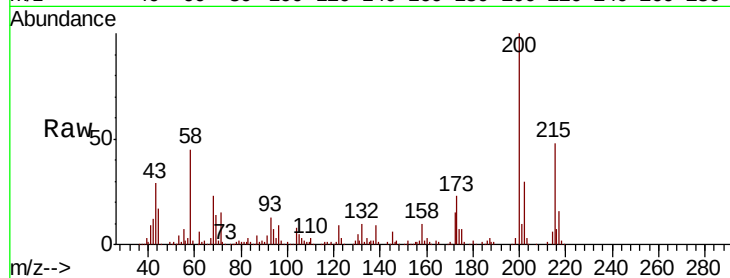
ClientSampleId :

PB117221BS

Tot Ion:	200	Resp:	162591
Ion Ratio	Lower	Upper	
200	100		
173	23.1	3.9	43.9
215	48.2	30.9	70.9

Manual Integrations
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#70

Pentachlorophenol

Concen: 74.733 ng

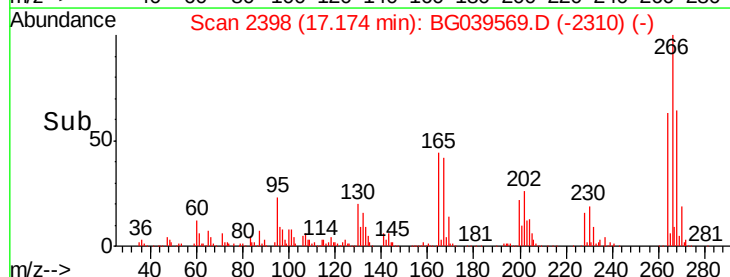
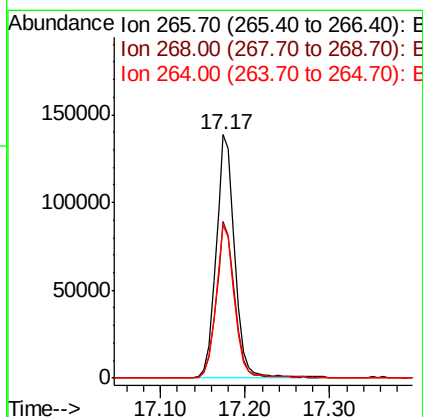
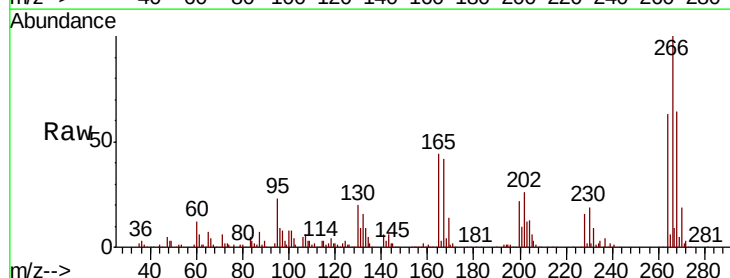
RT: 17.17 min Scan# 2398

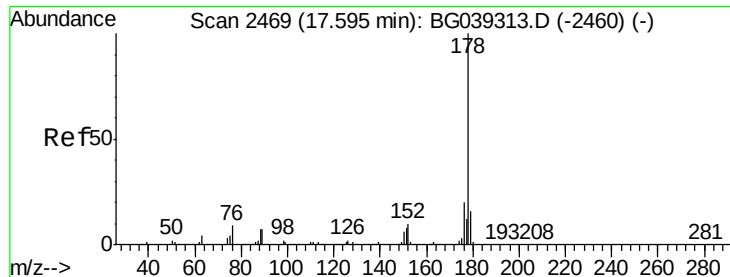
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	266	Resp:	215122
Ion Ratio	Lower	Upper	
266	100		
268	64.2	51.1	76.7
264	62.9	52.1	78.1





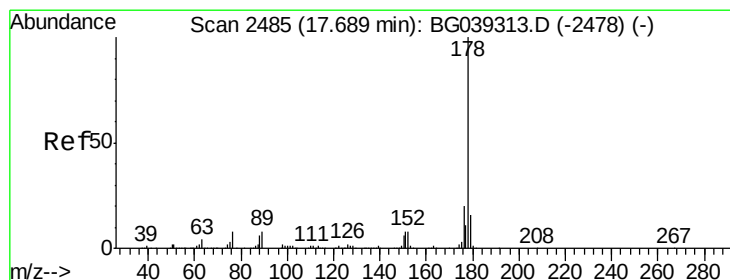
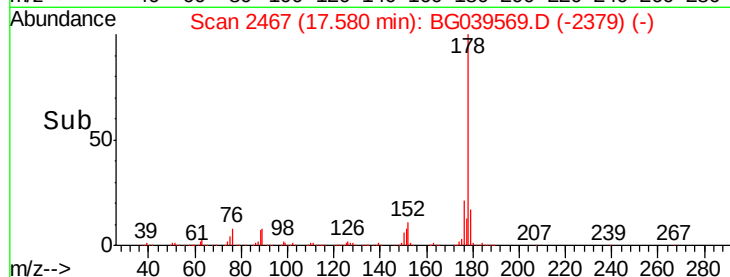
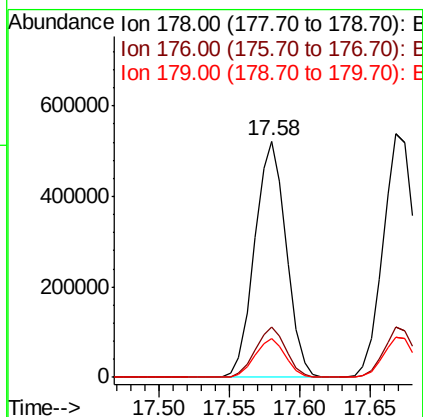
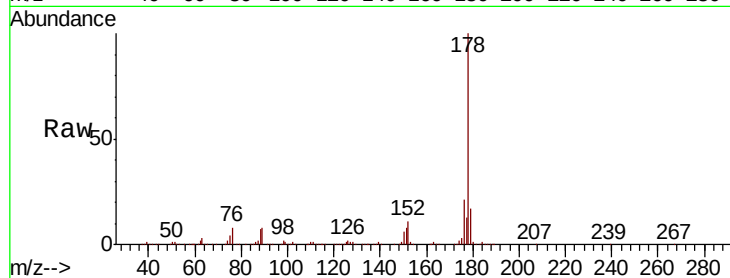
#71
Phenanthrene
Concen: 42.532 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.2	24.4
179	16.6	12.6	19.0

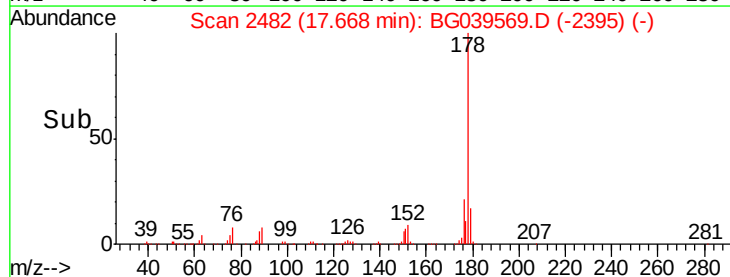
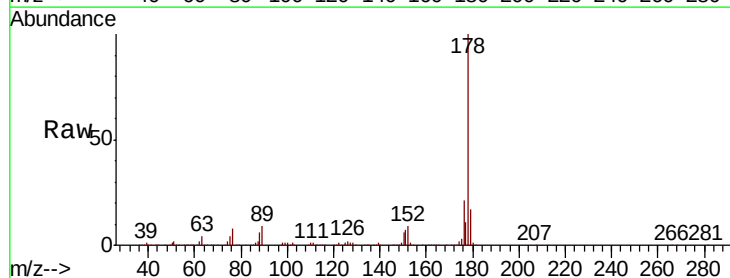
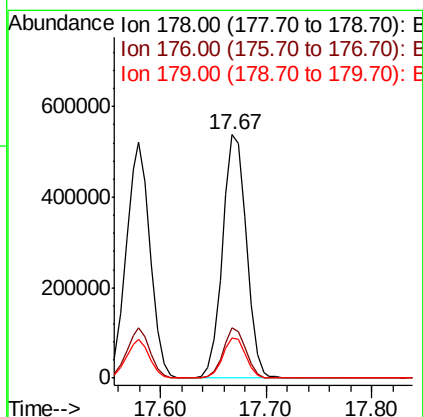
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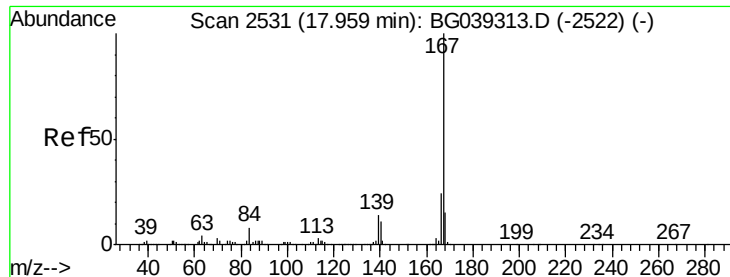
Sohil
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#72
Anthracene
Concen: 44.326 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.6
179	16.7	12.5	18.7





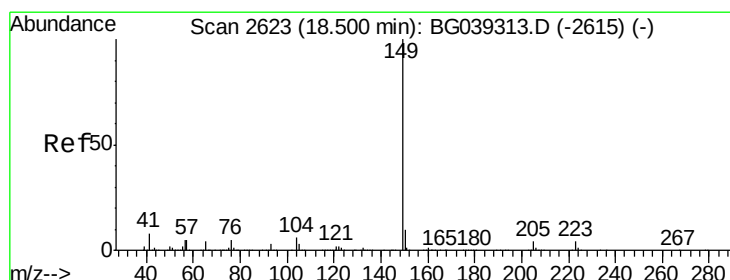
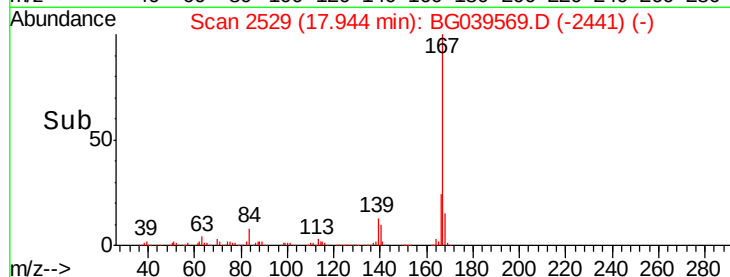
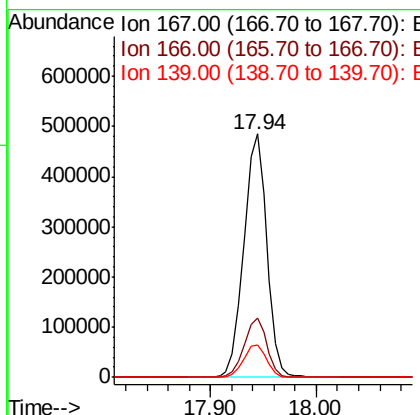
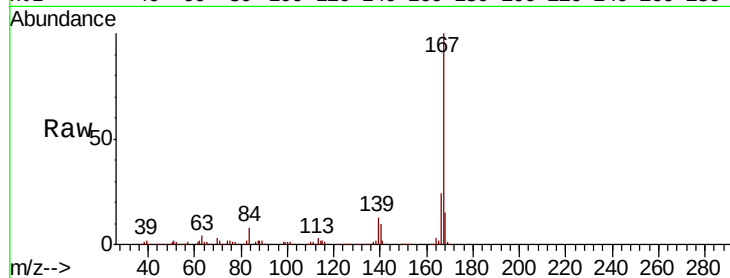
#73
 Carbazole
 Concen: 38.513 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

Instrument :
 BNA_G
 ClientSampleId :
 PB117221BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.4	29.2
139	13.4	10.8	16.2

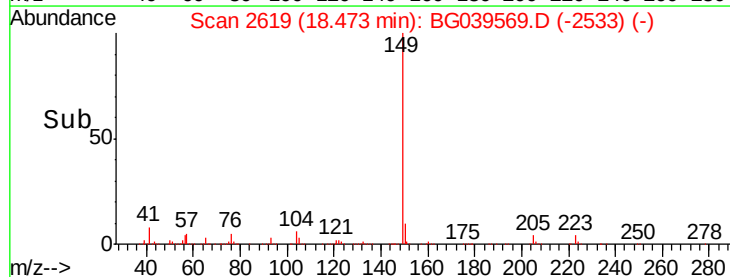
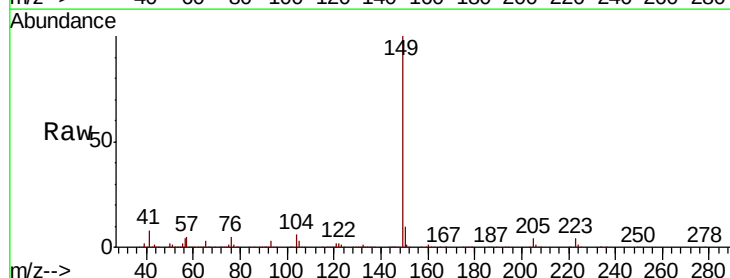
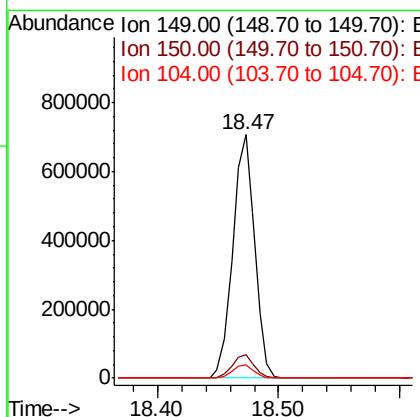
Manual Integrations
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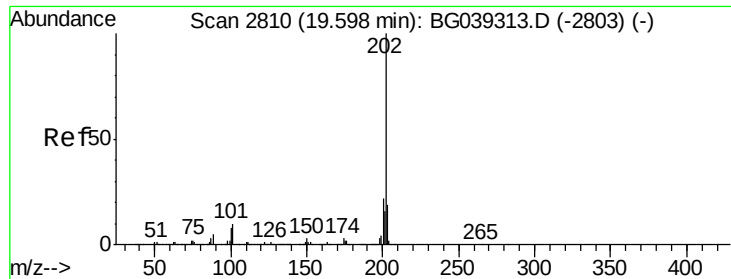
Sohil
 2/20/2019 10:24:36 AM



#74
 Di-n-butylphthalate
 Concen: 40.279 ng
 RT: 18.47 min Scan# 2619
 Delta R.T. -0.03 min
 Lab File: BG039569.D
 Acq: 20 Feb 2019 00:20

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





#75

Fluoranthene

Concen: 43.199 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

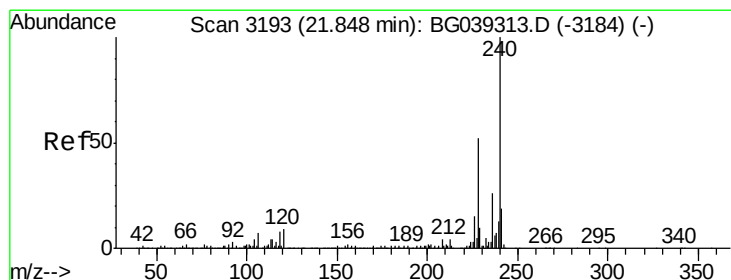
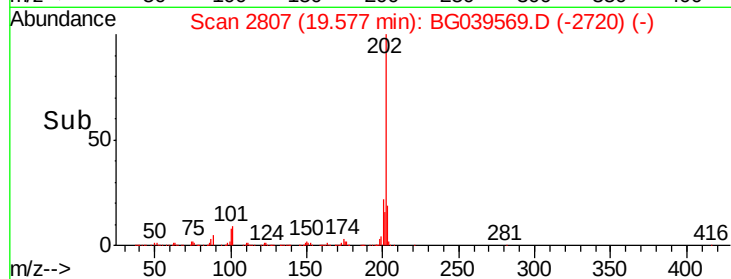
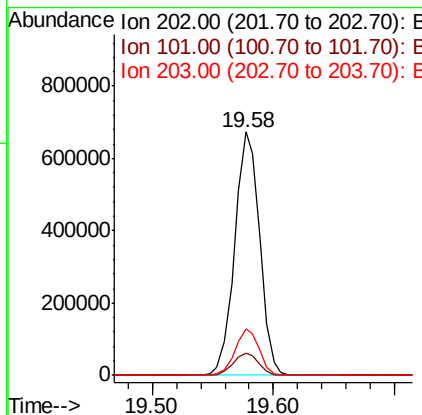
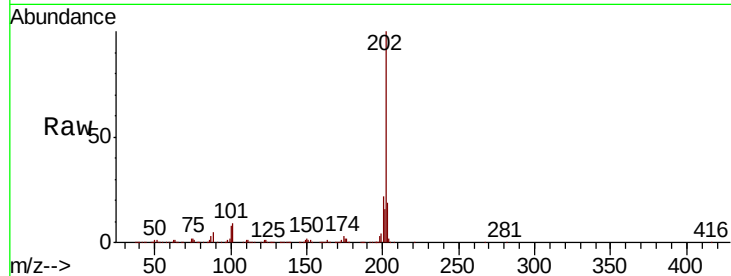
ClientSampleId :

PB117221BS

Tot Ion:	202	Resp:	965647
Ion Ratio	Lower	Upper	
202	100		
101	9.1	0.0	30.0
203	19.3	0.0	38.9

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Sohil
2/20/2019 10:24:36 AM



#76

Chrysene-d12

Concen: 20.000 ng

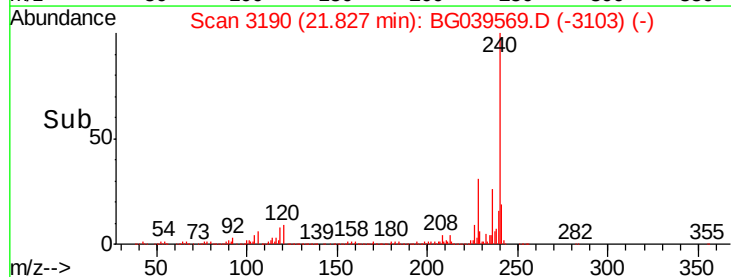
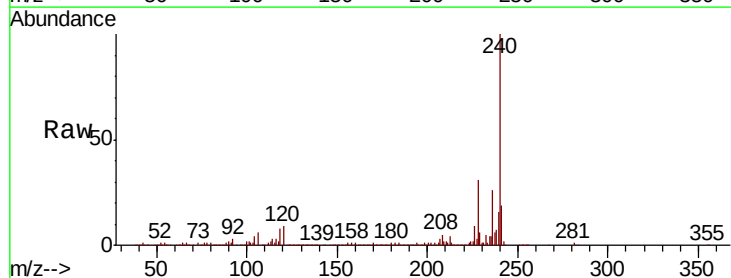
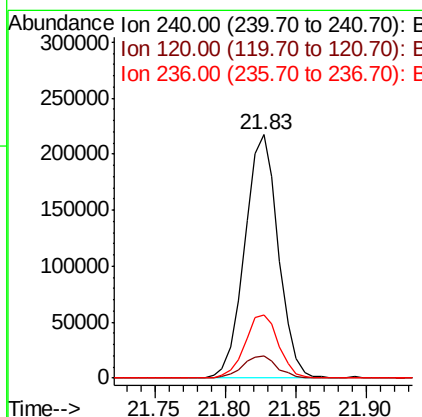
RT: 21.83 min Scan# 3190

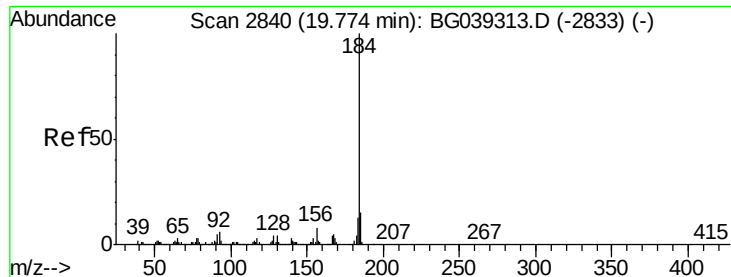
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	240	Resp:	361637
Ion Ratio	Lower	Upper	
240	100		
120	9.4	7.0	10.6
236	25.8	21.0	31.4





#77

Benzidine

Concen: 63.163 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

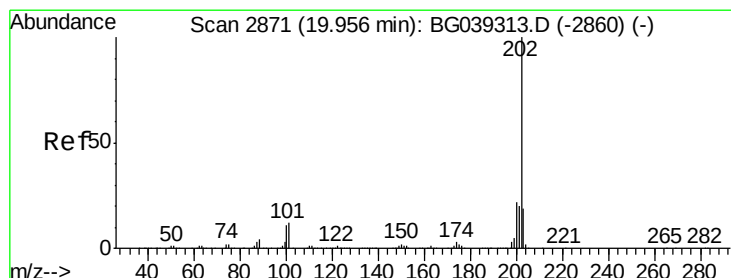
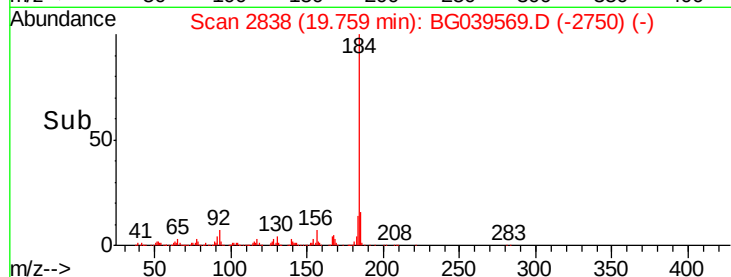
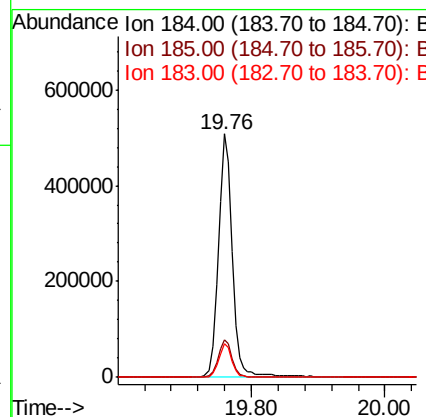
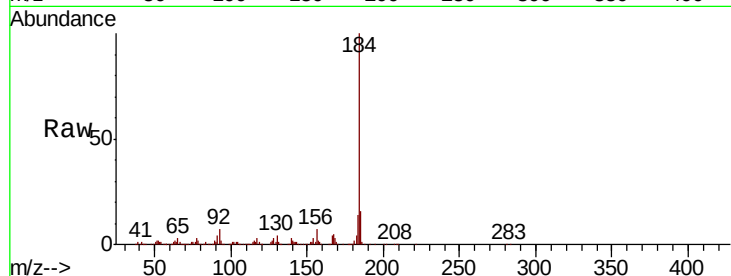
ClientSampleId :

PB117221BS

Tot Ion:	184	Resp:	748895
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	13.6	10.6	15.8

Manual Integrations
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#78

Pyrene

Concen: 42.350 ng

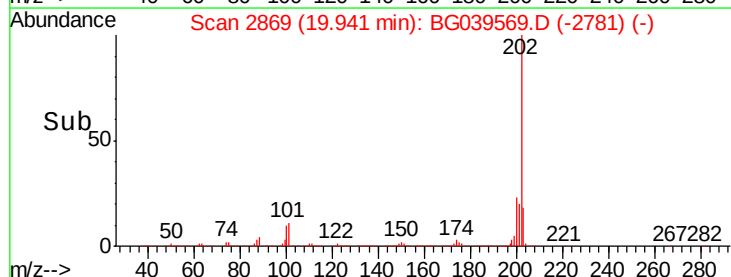
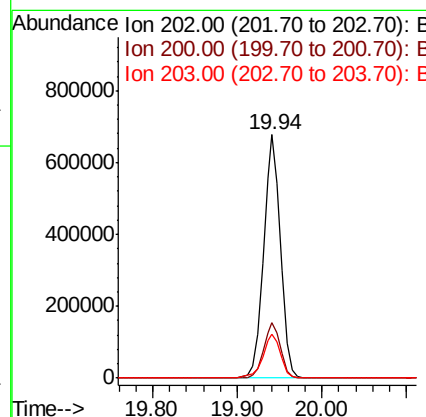
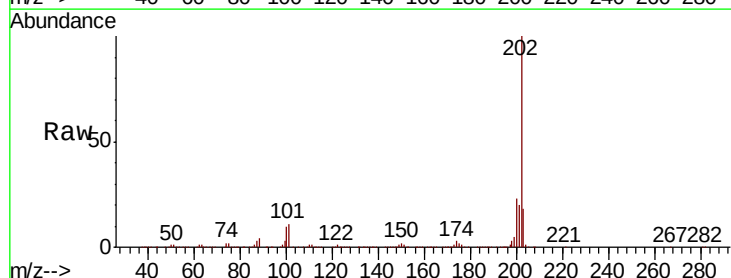
RT: 19.94 min Scan# 2869

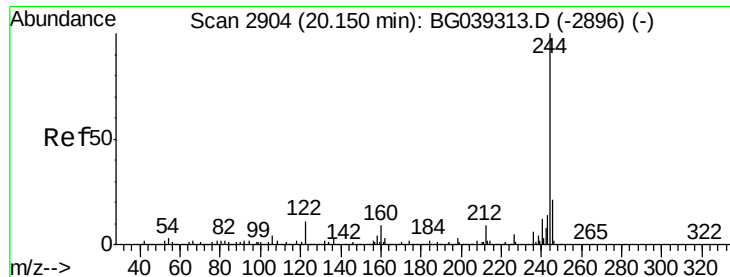
Delta R.T. -0.02 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Tgt Ion:	202	Resp:	953419
Ion Ratio	Lower	Upper	
202	100		
200	23.0	17.8	26.8
203	18.3	15.3	22.9





#79

Terphenyl-d14

Concen: 74.548 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

Instrument :

BNA_G

ClientSampleId :

PB117221BS

Tot Ion:244 Resp: 1273658

Ion Ratio Lower Upper

244 100

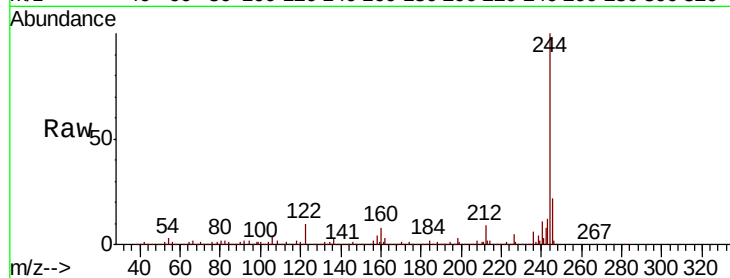
212 8.9 7.3 10.9

122 10.0 8.4 12.6

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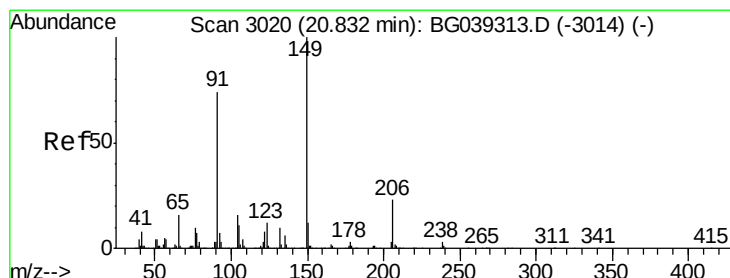
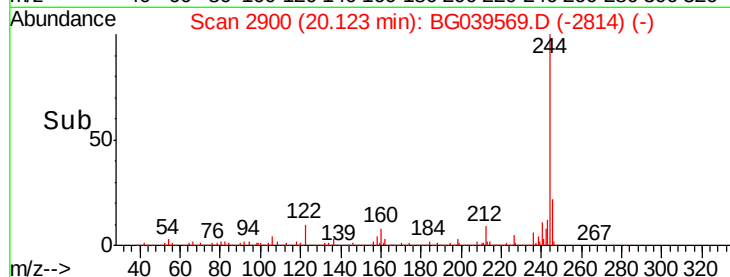
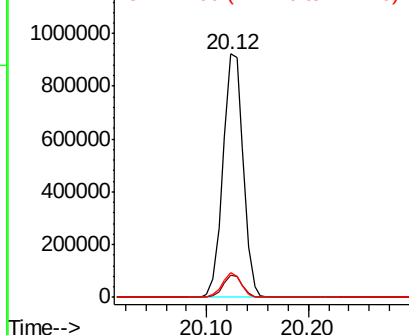


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.236 ng

RT: 20.80 min Scan# 3016

Delta R.T. -0.03 min

Lab File: BG039569.D

Acq: 20 Feb 2019 00:20

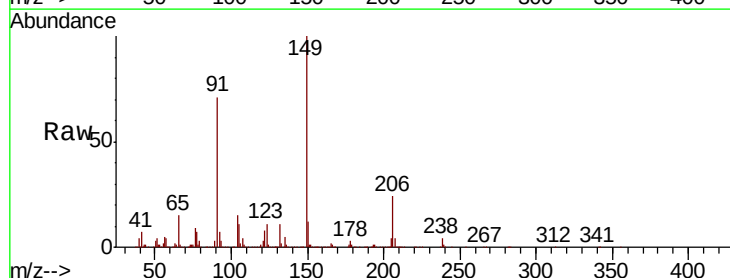
Tgt Ion:149 Resp: 410601

Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

206 24.2 18.6 27.8

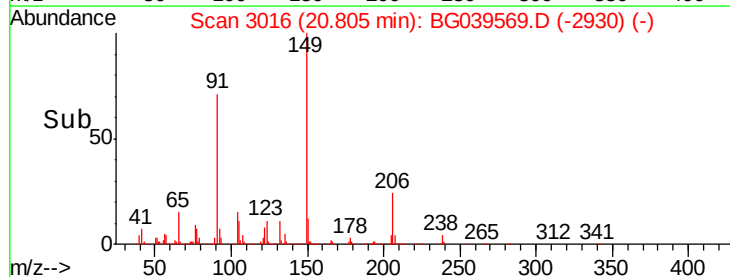
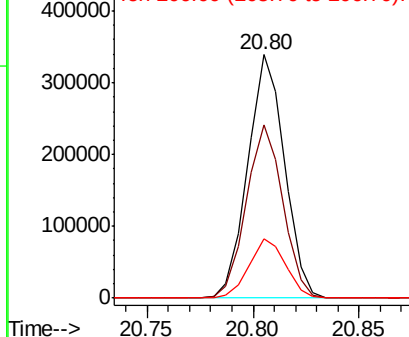


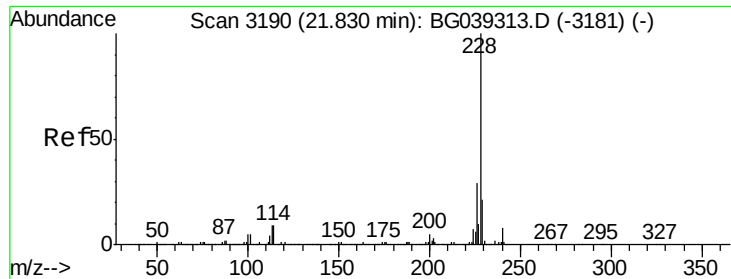
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





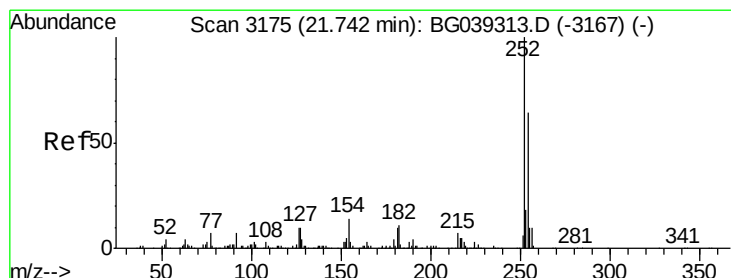
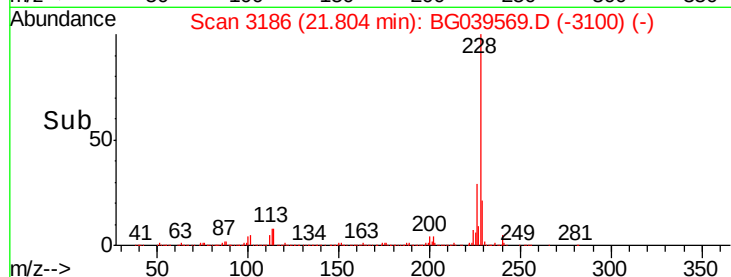
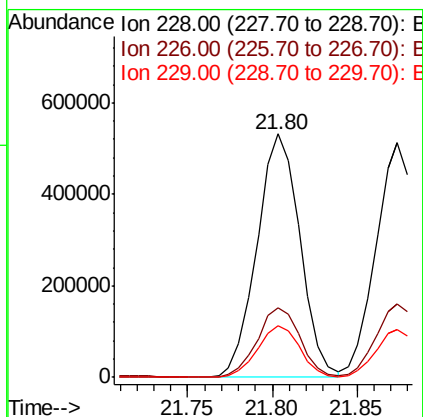
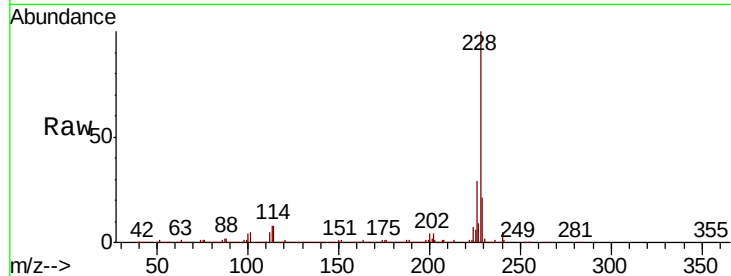
#81
Benzo(a)anthracene
Concen: 44.030 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.03 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	21.3	16.9	25.3

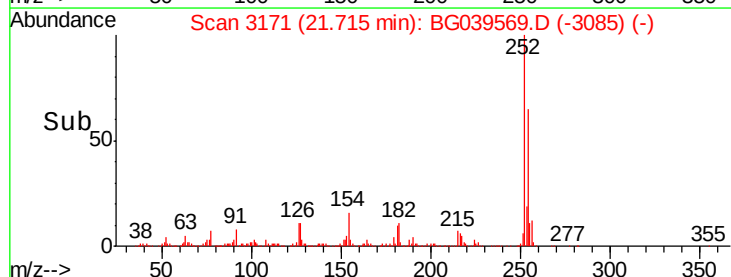
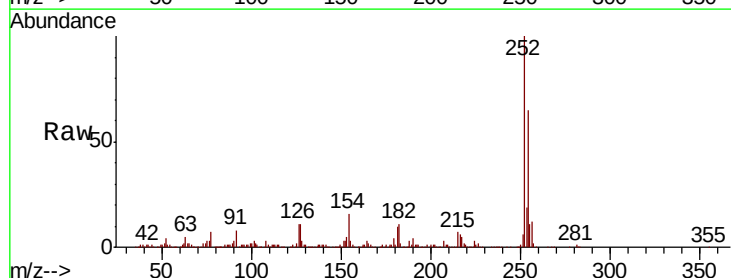
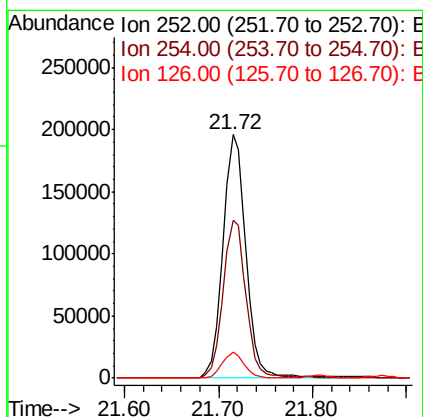
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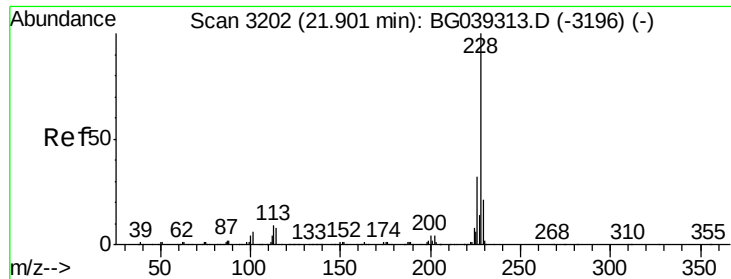
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 42.063 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.03 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.3	76.9
126	10.8	8.0	12.0





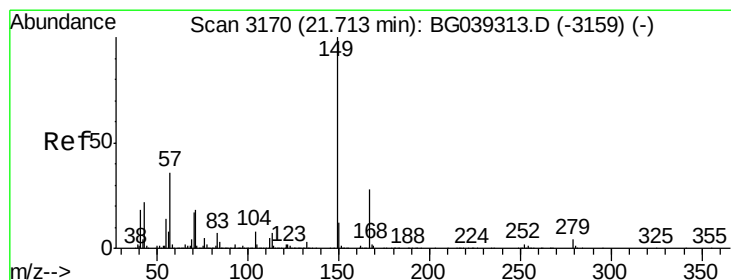
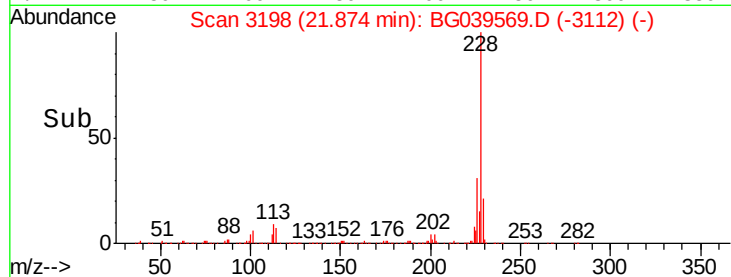
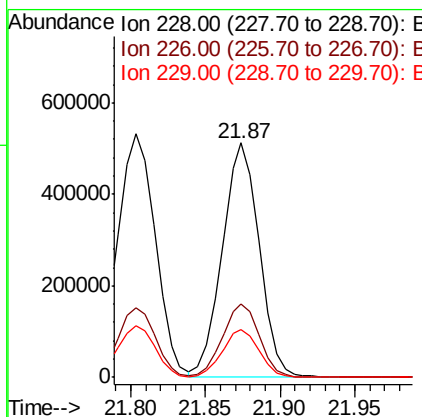
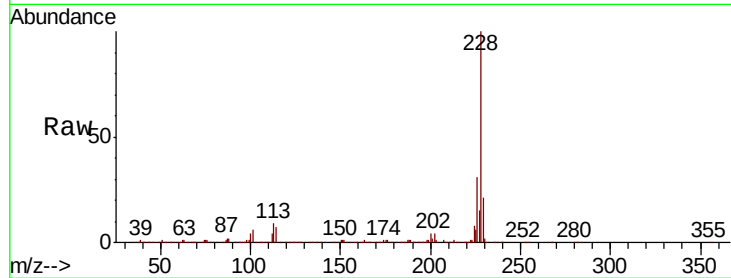
#83
Chrysene
Concen: 43.312 ng
RT: 21.87 min Scan# 3198
Delta R.T. -0.03 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	20.6	16.6	25.0

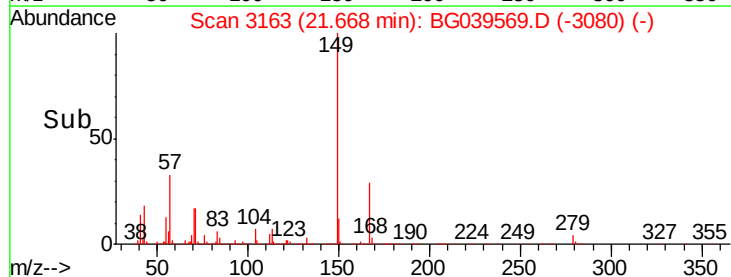
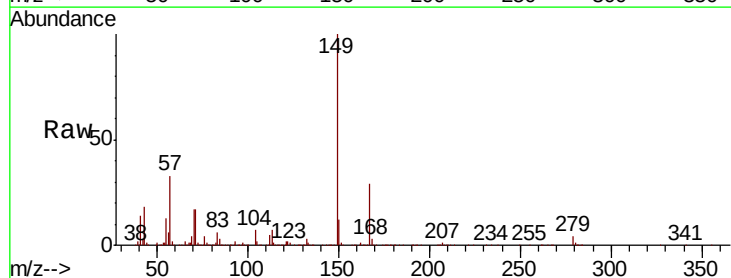
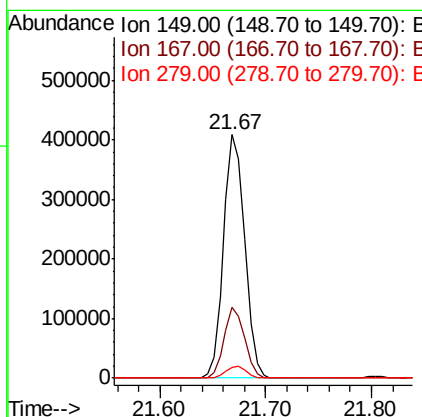
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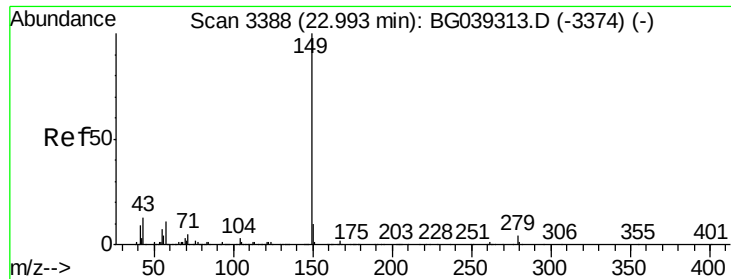
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.978 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.6	34.0
279	4.2	3.5	5.3





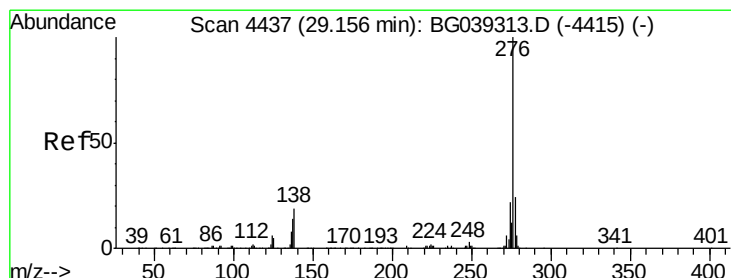
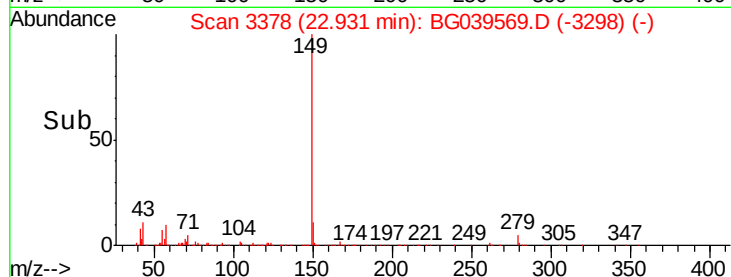
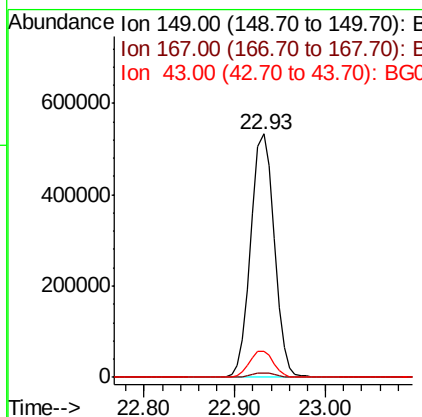
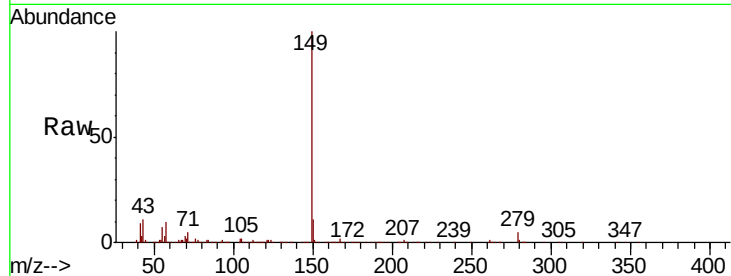
#85
Di-n-octyl phthalate
Concen: 43.085 ng
RT: 22.93 min Scan# 3378
Delta R.T. -0.06 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

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

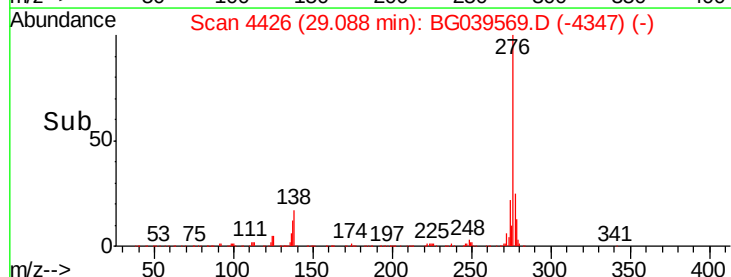
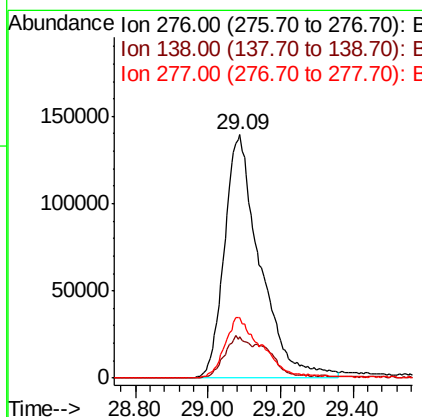
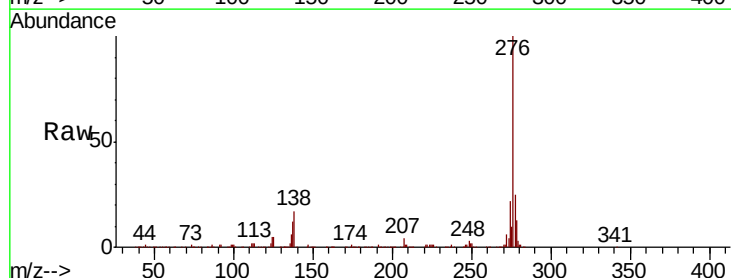
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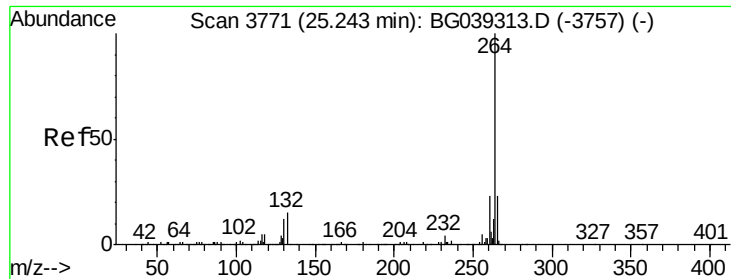
Sohil
2/20/2019 10:24:36 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.603 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	12.2	12.6	19.0#	
277	25.4	20.8	31.2	





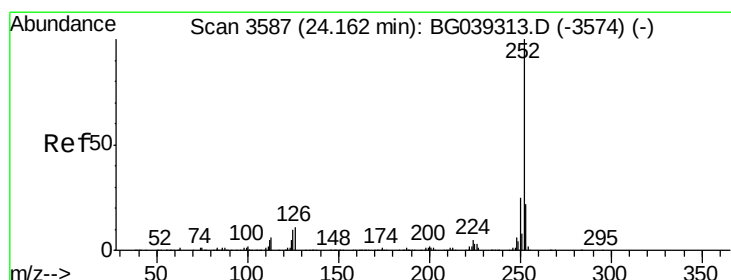
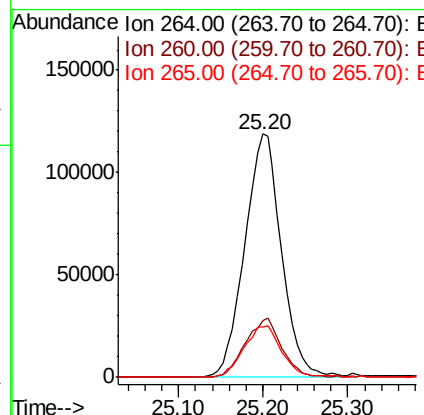
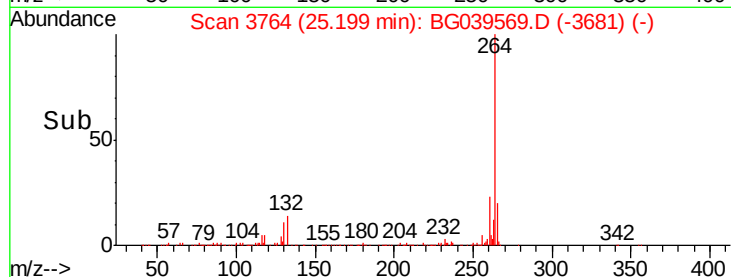
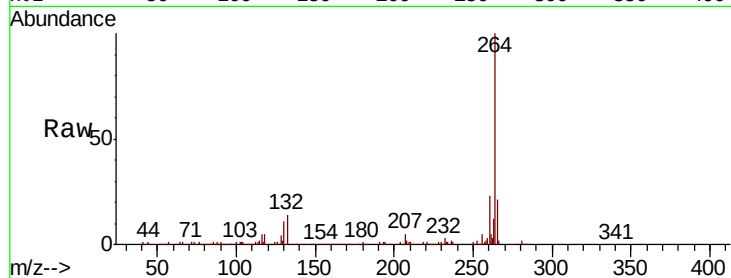
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. -0.04 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.8	18.5	27.7

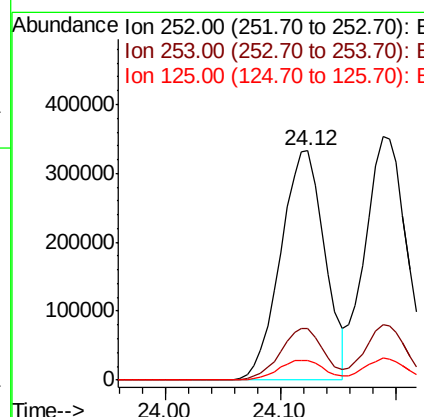
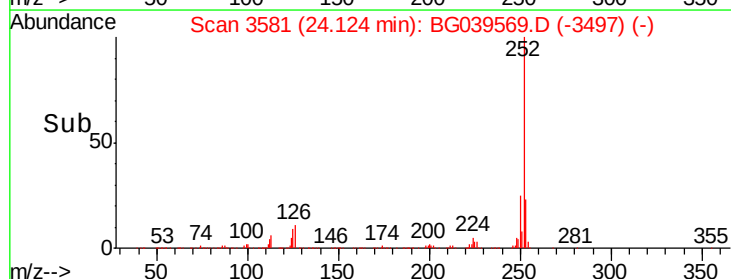
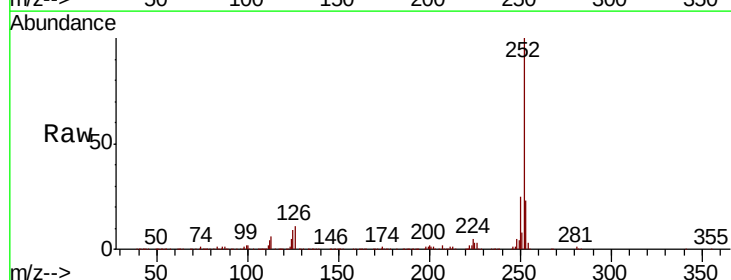
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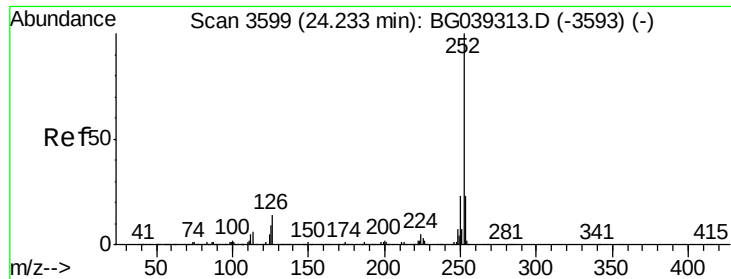
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#88
Benzo(b)fluoranthene
Concen: 45.219 ng
RT: 24.12 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.8	7.8	11.6





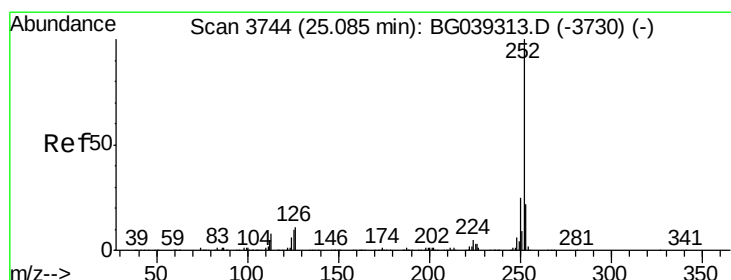
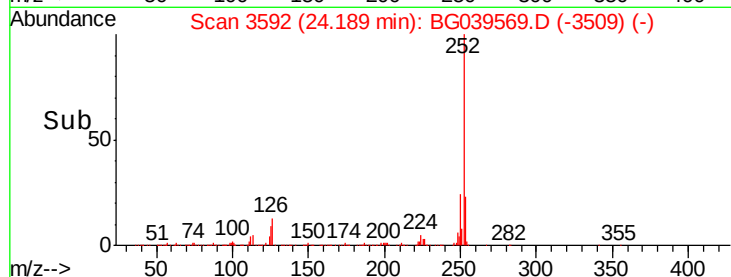
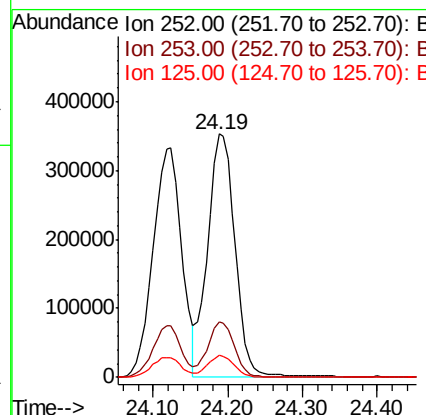
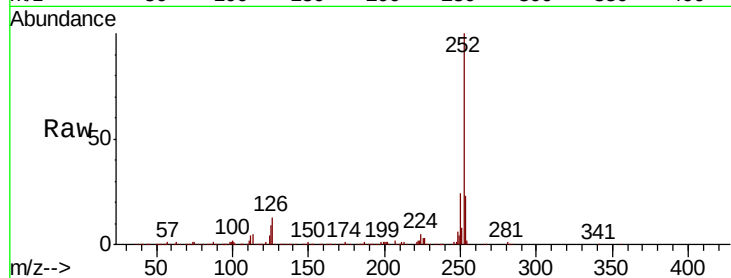
#89
Benzo(k)fluoranthene
Concen: 45.530 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.04 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	9.0	7.4	11.2

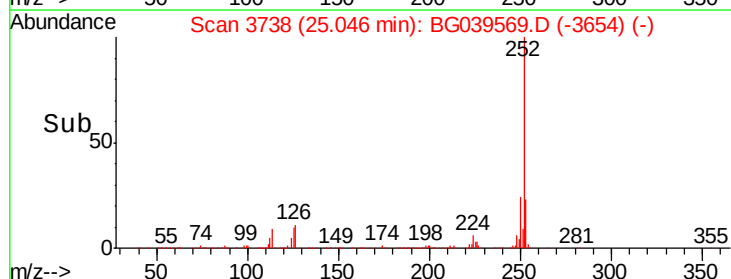
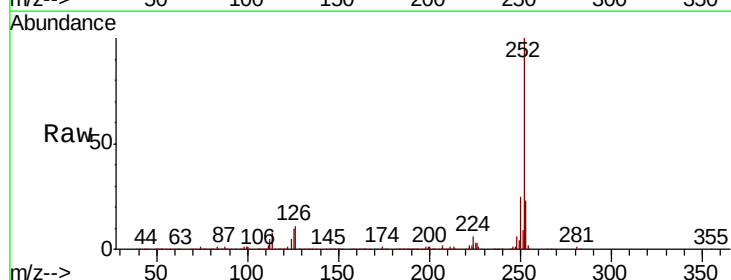
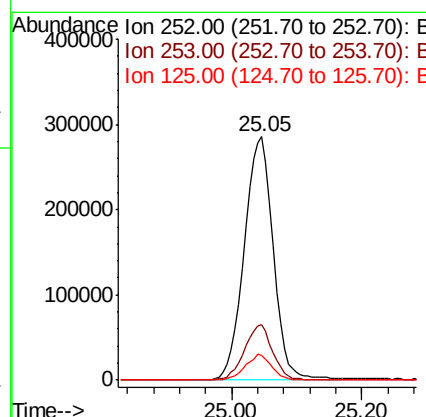
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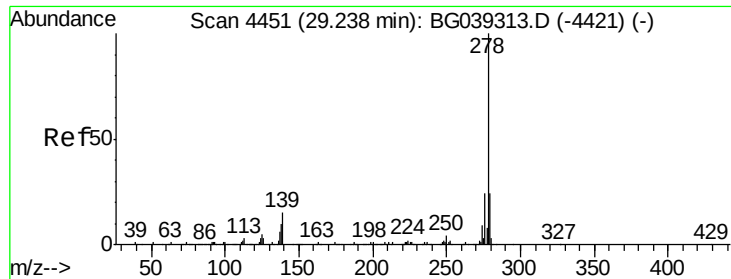
Sohil
2/20/2019 10:24:36 AM



#90
Benzo(a)pyrene
Concen: 46.553 ng
RT: 25.05 min Scan# 3738
Delta R.T. -0.04 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.0	8.3	12.5





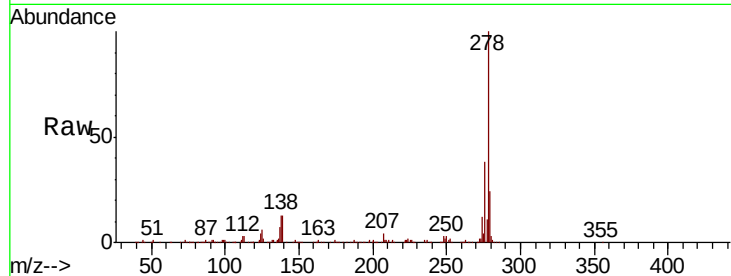
#91
Dibenzo(a,h)anthracene
Concen: 43.008 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.08 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.7	17.5
279	23.7	19.1	28.7

Manual Integrations
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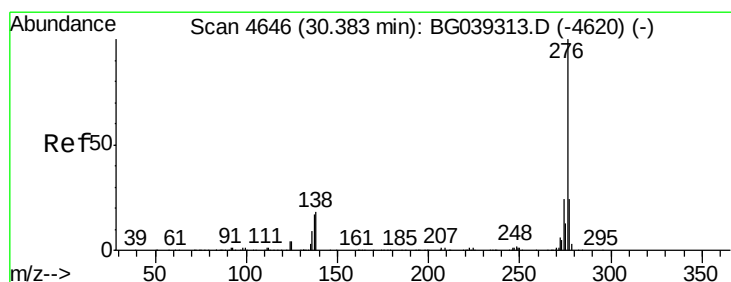
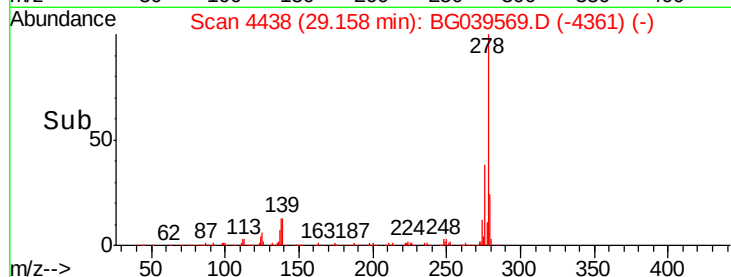
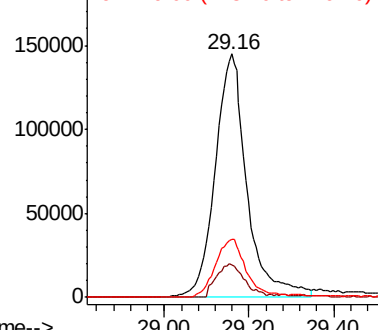


Abundance

Ion 278.00 (277.70 to 278.70): E

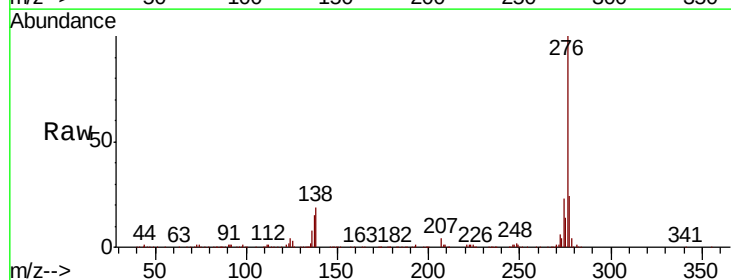
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.685 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.07 min
Lab File: BG039569.D
Acq: 20 Feb 2019 00:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	18.8	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

