

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039417.D
 Acq On : 8 Feb 2019 16:00
 Operator : JU/SJ
 Sample : PB116935BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Manual Integrations
 APPROVED

Sohil
 2/11/2019 10:13:43 AM

Quant Time: Feb 09 00:02:55 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	45432	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	202352	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	132677	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	326420	20.00	ng	0.00
76) Chrysene-d12	21.83	240	346902	20.00	ng	-0.02
87) Perylene-d12	25.22	264	364796	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	438803	165.31	ng	0.00
7) Phenol-d6	7.32	99	615062	157.41	ng	0.00
23) Nitrobenzene-d5	9.35	82	294910	91.05	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	235732	165.00	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	726232	78.52	ng	0.00
79) Terphenyl-d14	20.13	244	1305762	79.67	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	44104	37.983	ng	91
3) Pyridine	4.00	79	121689	39.583	ng	95
4) n-Nitrosodimethylamine	3.93	42	64425	41.903	ng	90
6) Aniline	7.50	93	143826	29.387	ng	98
8) 2-Chlorophenol	7.73	128	139067	47.927	ng	94
9) Benzaldehyde	7.32	77	70031	34.496	ng	96
10) Phenol	7.34	94	185465	45.534	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	129767	40.319	ng	93
12) 1,3-Dichlorobenzene	8.06	146	140978	40.107	ng	96
13) 1,4-Dichlorobenzene	8.21	146	145893	41.641	ng	99
14) 1,2-Dichlorobenzene	8.53	146	137624	40.577	ng	99
15) Benzyl Alcohol	8.41	79	128485	41.885	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	254219	34.977	ng	100
17) 2-Methylphenol	8.60	107	119475	45.327	ng	98
18) Hexachloroethane	9.26	117	50120	41.581	ng	91
19) n-Nitroso-di-n-propylamine	8.98	70	101219	36.498	ng	93
20) 3+4-Methylphenols	8.93	107	164040	45.194	ng	96
22) Acetophenone	9.00	105	201141	37.005	ng	# 94
24) Nitrobenzene	9.40	77	155314	44.384	ng	97
25) Isophorone	9.91	82	296626	41.325	ng	100
26) 2-Nitrophenol	10.11	139	73272	52.046	ng	96
27) 2,4-Dimethylphenol	10.14	122	142854	49.199	ng	99
28) bis(2-Chloroethoxy)methane	10.39	93	183267	41.452	ng	96
29) 2,4-Dichlorophenol	10.64	162	147592	46.509	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	148885	41.788	ng	98
31) Naphthalene	11.05	128	424672	42.304	ng	99
32) Benzoic acid	10.25	122	61806	35.418	ng	97
33) 4-Chloroaniline	11.16	127	98698	21.205	ng	100
34) Hexachlorobutadiene	11.31	225	95127	40.148	ng	97
35) Caprolactam	11.93	113	48274m	36.761	ng	
36) 4-Chloro-3-methylphenol	12.25	107	155357	42.331	ng	95
37) 2-Methylnaphthalene	12.64	142	324561	43.652	ng	96
38) 1-Methylnaphthalene	12.86	142	303535	42.351	ng	100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	174048	41.230	ng	98

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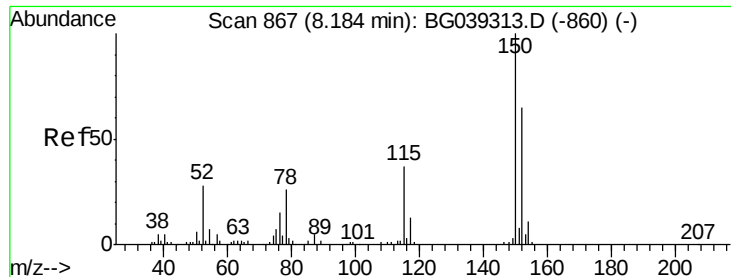
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	230225	100.085	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	118476	45.646	nq	97
44) 2,4,5-Trichlorophenol	13.30	196	128494	47.235	nq	98
46) 1,1'-Biphenyl	13.64	154	431533	39.091	nq	98
47) 2-Chloronaphthalene	13.68	162	332872	40.084	nq	98
48) 2-Nitroaniline	13.89	65	108564	45.939	nq	94
49) Acenaphthylene	14.52	152	534849	42.683	nq	99
50) Dimethylphthalate	14.25	163	427412	39.887	nq	99
51) 2,6-Dinitrotoluene	14.37	165	93689	46.948	nq	99
52) Acenaphthene	14.87	154	325782	40.052	nq	98
53) 3-Nitroaniline	14.71	138	69838	34.211	nq	# 94
54) 2,4-Dinitrophenol	14.91	184	53683	66.231	nq	88
55) Dibenzofuran	15.19	168	531528	40.757	nq	100
56) 4-Nitrophenol	14.99	139	163648	84.142	nq	89
57) 2,4-Dinitrotoluene	15.16	165	134023	51.552	nq	# 86
58) Fluorene	15.84	166	411813	42.359	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.41	232	126004	49.470	nq	# 97
60) Diethylphthalate	15.60	149	436673	39.414	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	217462	39.504	nq	96
62) 4-Nitroaniline	15.87	138	105419	47.010	nq	90
63) Azobenzene	16.12	77	395989	36.568	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	51279	42.058	nq	98
66) n-Nitrosodiphenylamine	16.05	169	382587	38.547	nq	98
67) 4-Bromophenyl-phenylether	16.73	248	143396	39.598	nq	95
68) Hexachlorobenzene	16.83	284	147089	40.485	nq	95
69) Atrazine	16.99	200	154969	42.725	nq	96
70) Pentachlorophenol	17.18	266	171845	68.053	nq	98
71) Phenanthrene	17.58	178	712398	42.167	nq	99
72) Anthracene	17.68	178	724879	43.559	nq	99
73) Carbazole	17.94	167	641142	38.605	nq	98
74) Di-n-butylphthalate	18.48	149	782530	40.389	nq	99
75) Fluoranthene	19.58	202	882912	45.025	nq	100
77) Benzidine	19.76	184	454875	39.995	nq	99
78) Pyrene	19.95	202	890119	41.218	nq	99
80) Butylbenzylphthalate	20.82	149	368462	40.447	nq	96
81) Benzo(a)anthracene	21.81	228	883775	43.115	nq	99
82) 3,3'-Dichlorobenzidine	21.73	252	190350	25.044	nq	99
83) Chrysene	21.89	228	821617	42.106	nq	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	514510	39.589	nq	100
85) Di-n-octyl phthalate	22.95	149	881741	41.066	nq	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	968816	46.276	nq	# 95
88) Benzo(b)fluoranthene	24.13	252	871993	43.831	nq	99
89) Benzo(k)fluoranthene	24.21	252	841412	42.126	nq	99
90) Benzo(a)pyrene	25.06	252	845162	44.111	nq	97
91) Dibenzo(a,h)anthracene	29.19	278	779242	43.429	nq	99
92) Benzo(g,h,i)perylene	30.34	276	780568	43.645	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 866

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

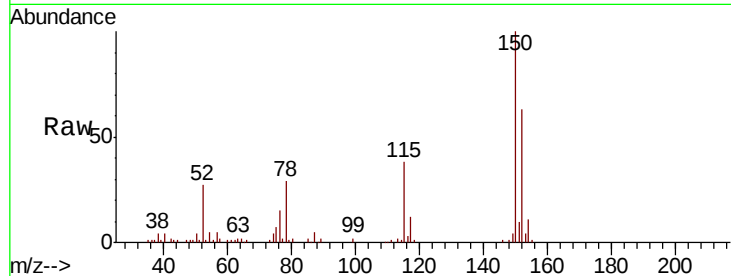
ClientSampled :

PB116935BS

Tot Ion:	152	Resp:	45432
Ion Ratio	Lower	Upper	
152	100		
150	158.1	123.7	185.5
115	59.4	45.9	68.9

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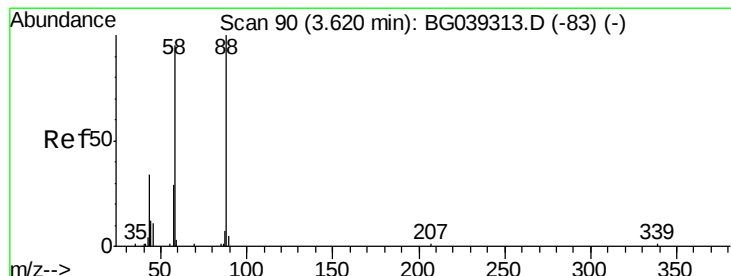
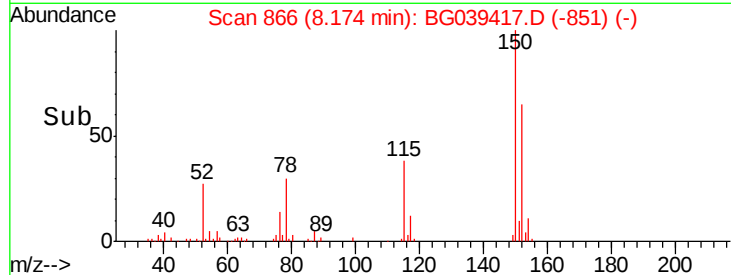
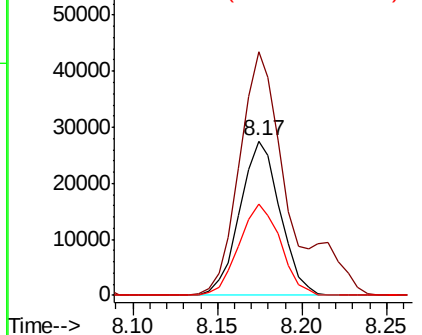


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.983 ng

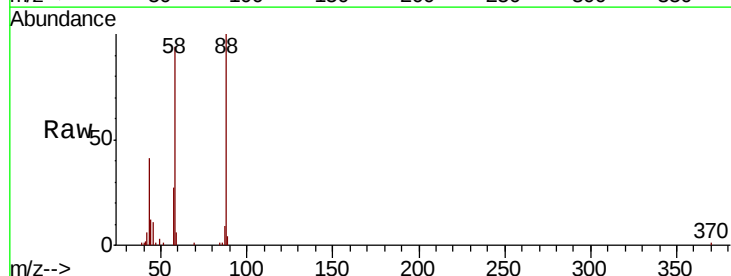
RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	88	Resp:	44104
Ion Ratio	Lower	Upper	
88	100		
58	92.2	81.1	121.7
43	34.8	31.4	47.0

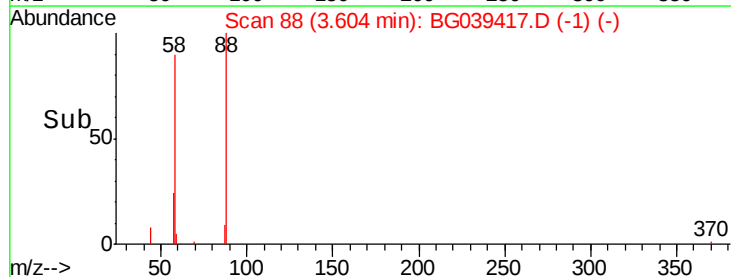
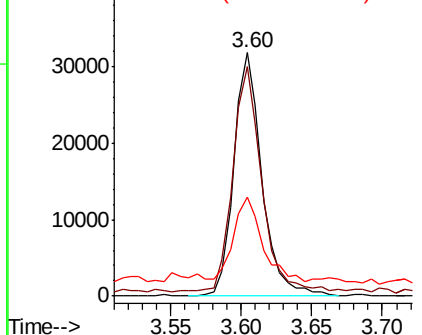


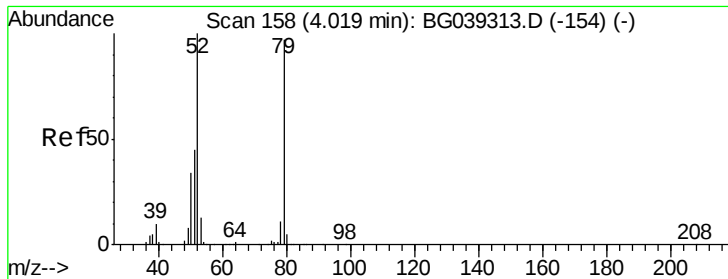
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.583 ng

RT: 4.00 min Scan# 156

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

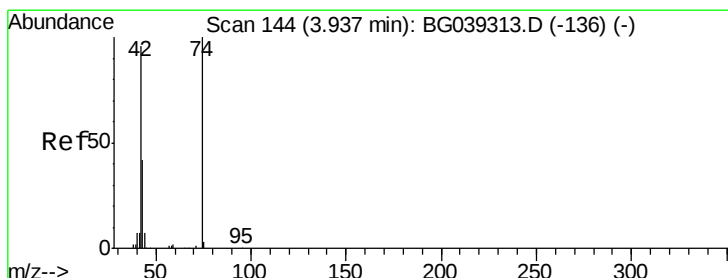
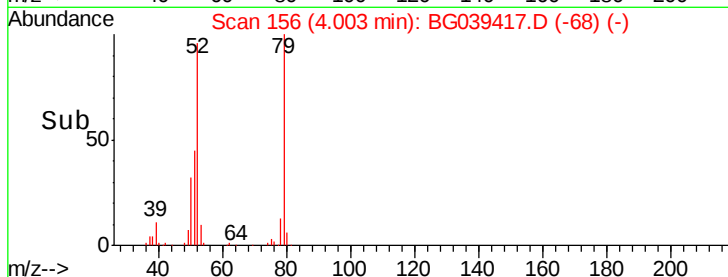
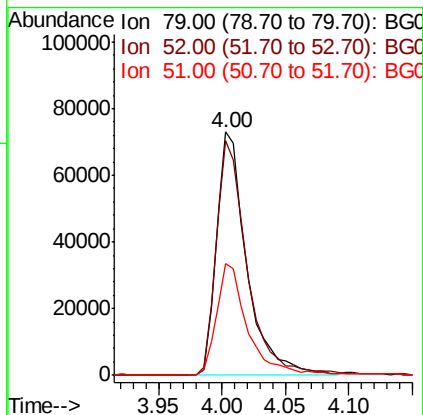
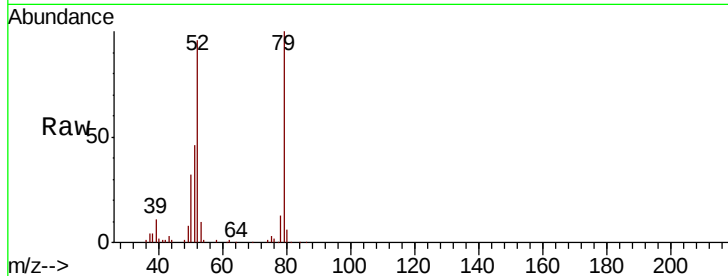
ClientSampleId :

PB116935BS

Tot Ion:	79	Resp:	121689
Ion	Ratio	Lower	Upper
79	100		
52	96.4	82.6	124.0
51	46.0	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 41.903 ng

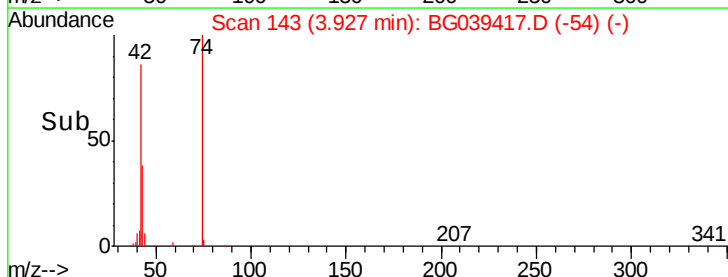
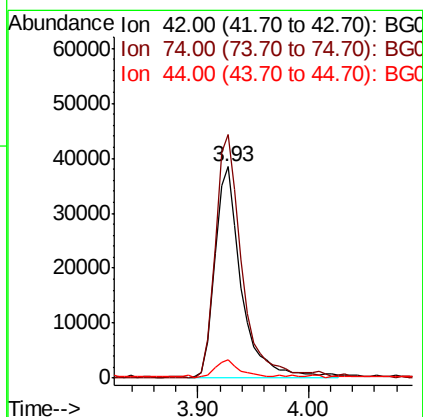
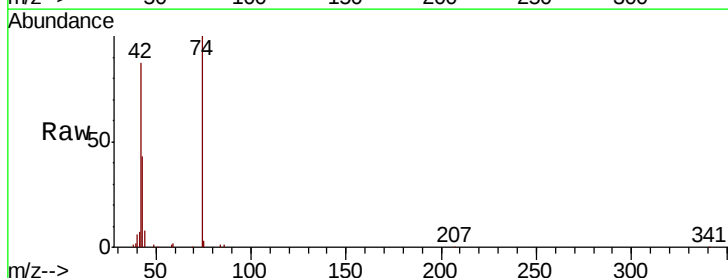
RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	42	Resp:	64425
Ion	Ratio	Lower	Upper
42	100		
74	115.1	83.6	125.4
44	8.7	6.9	10.3





#5

2-Fluorophenol

Concen: 165.305 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

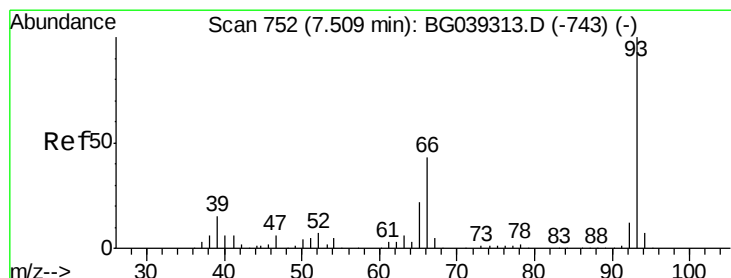
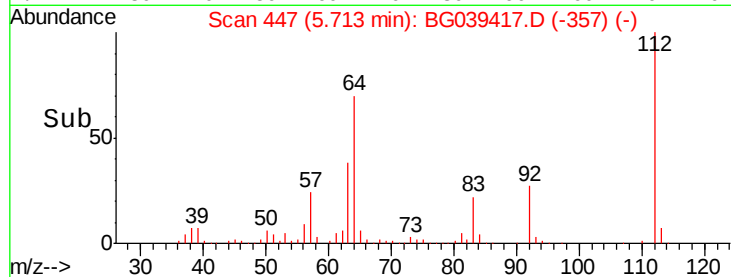
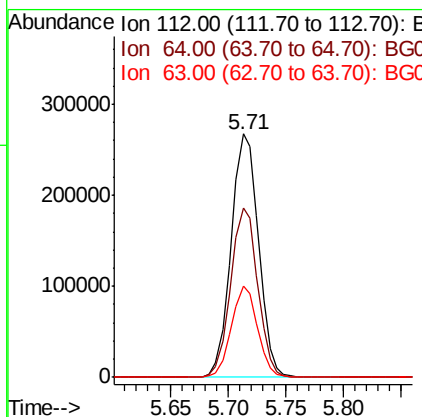
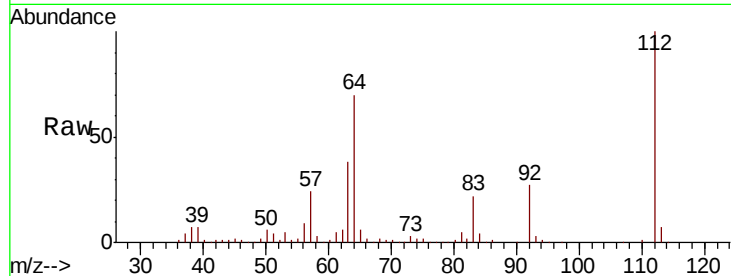
ClientSampleId :

PB116935BS

Tot Ion:	112	Resp:	438803
Ion Ratio	Lower	Upper	
112	100		
64	69.8	57.8	86.8
63	37.5	29.8	44.6

Manual Integrations
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#6

Aniline

Concen: 29.387 ng

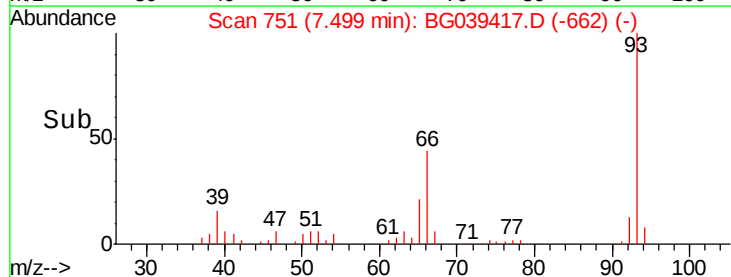
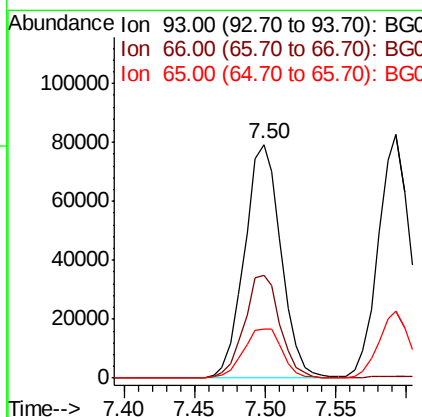
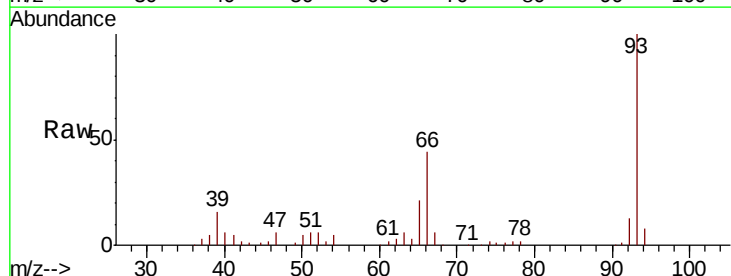
RT: 7.50 min Scan# 751

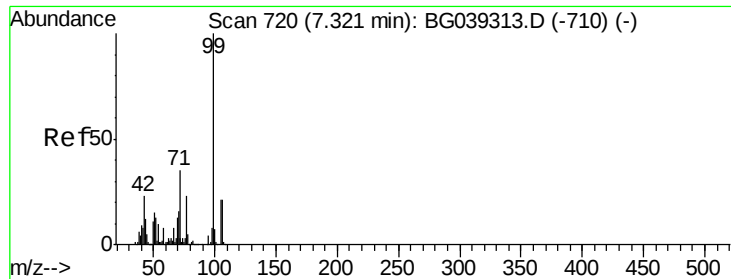
Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	93	Resp:	143826
Ion Ratio	Lower	Upper	
93	100		
66	44.1	34.2	51.4
65	21.1	17.7	26.5





#7

Phenol-d6

Concen: 157.412 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

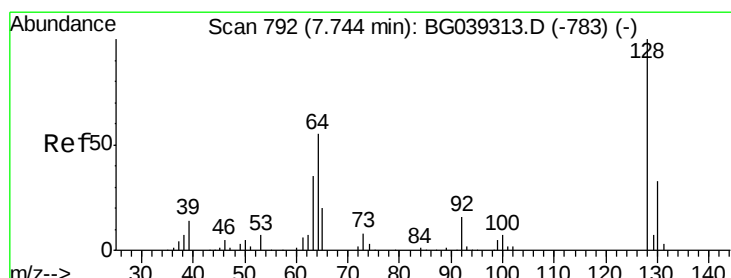
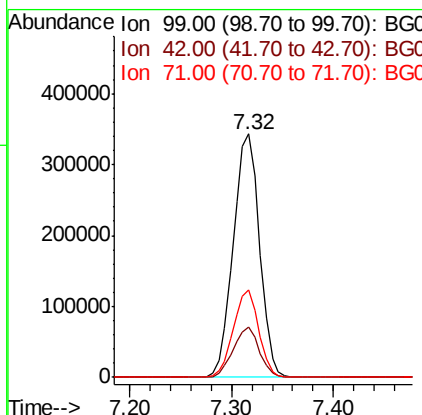
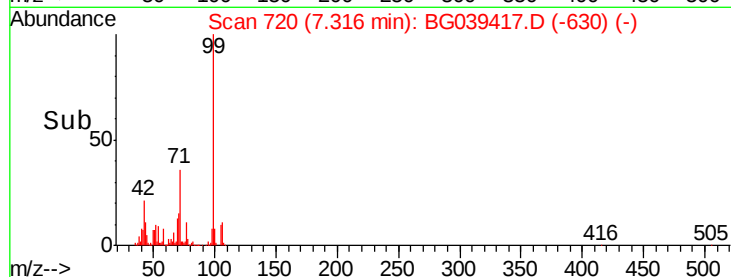
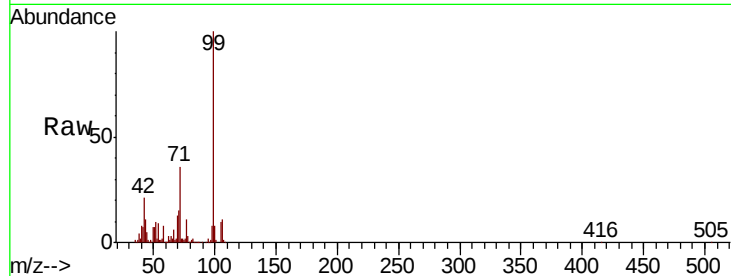
ClientSampleId :

PB116935BS

Tot Ion:	99	Resp:	615062
Ion Ratio	Lower	Upper	
99	100		
42	20.9	18.2	27.2
71	35.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 47.927 ng

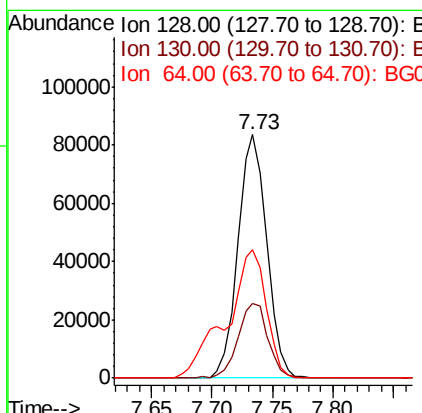
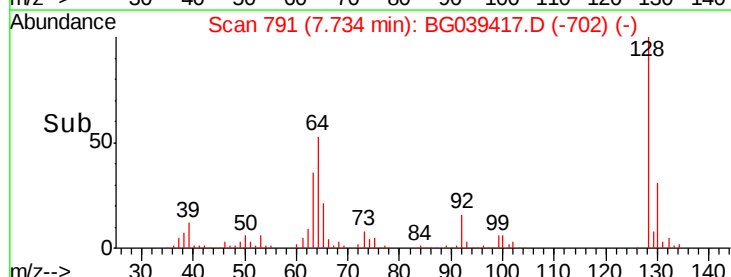
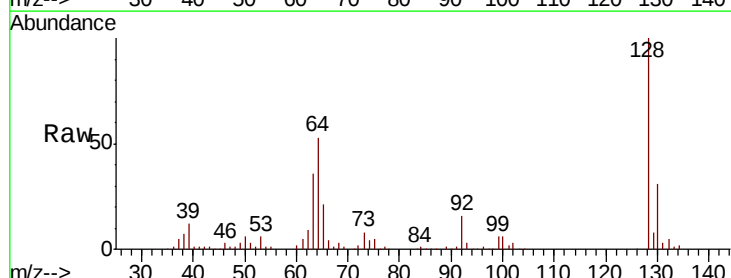
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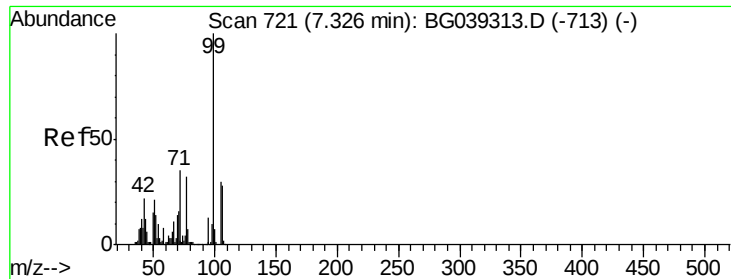
Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	128	Resp:	139067
Ion Ratio	Lower	Upper	
128	100		
130	30.6	12.9	52.9
64	53.0	38.7	78.7





#9

Benzaldehyde

Concen: 34.496 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

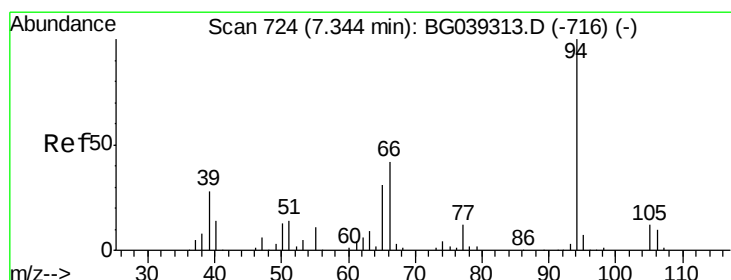
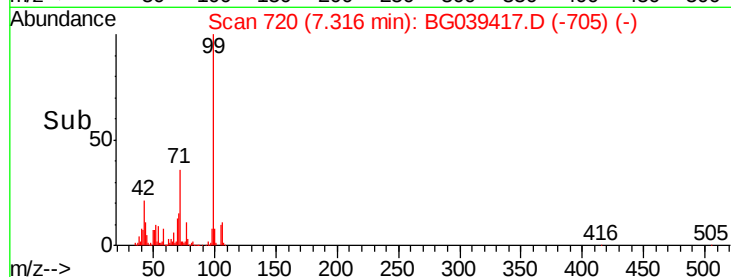
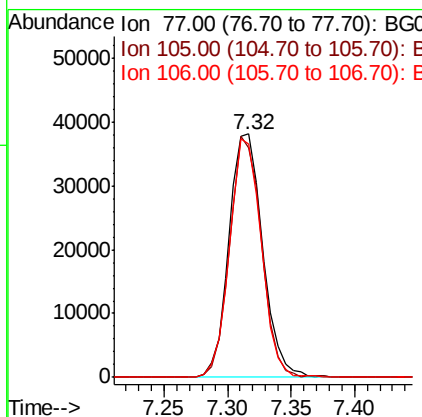
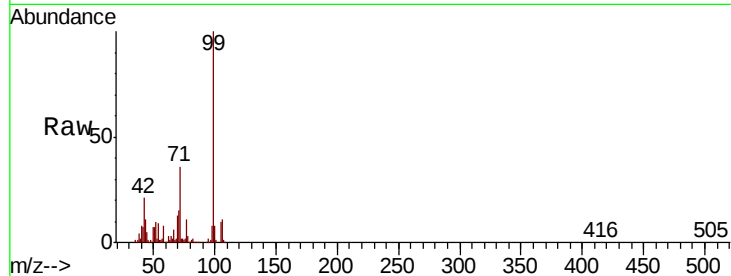
ClientSampled :

PB116935BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.3	74.5	114.5
106	95.6	68.0	108.0

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#10

Phenol

Concen: 45.534 ng

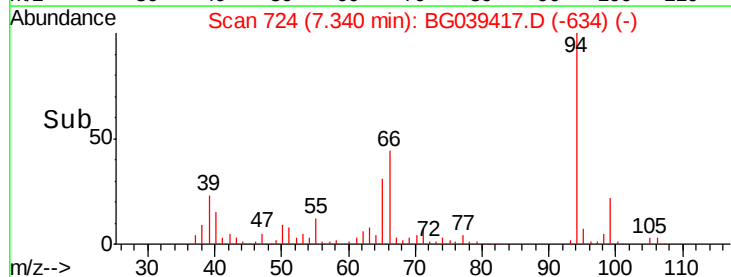
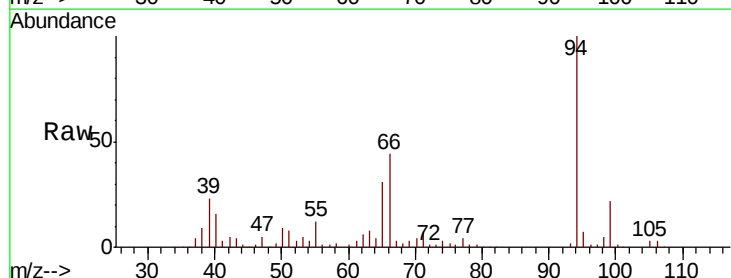
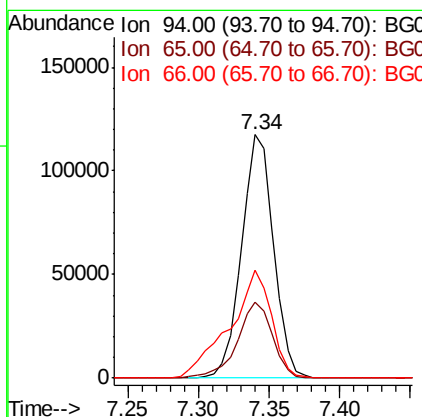
RT: 7.34 min Scan# 724

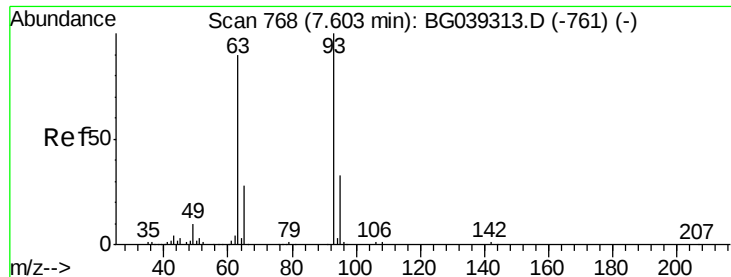
Delta R.T. -0.00 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	11.7	51.7
66	44.2	23.7	63.7





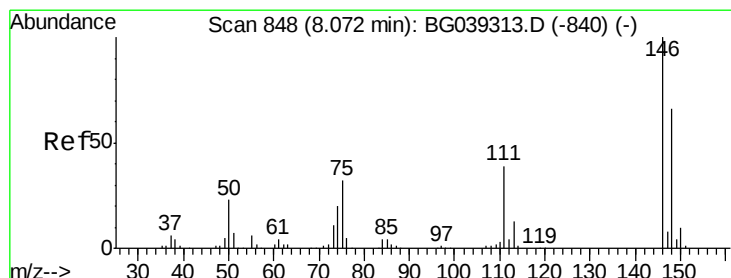
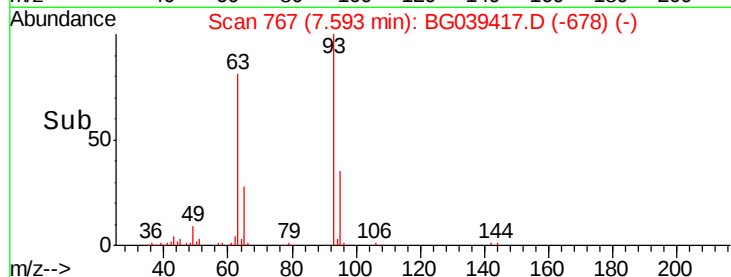
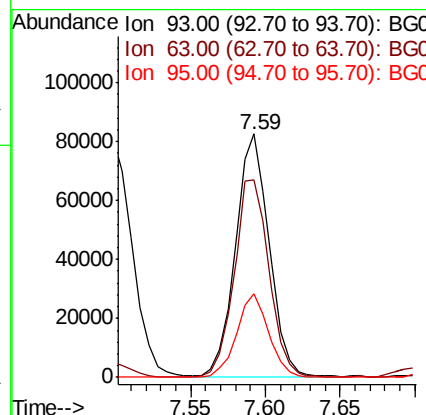
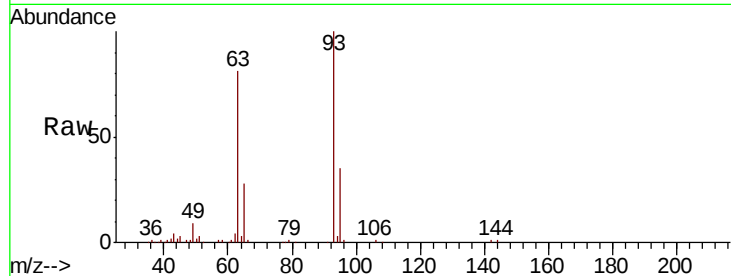
#11
bis(2-Chloroethyl)ether
Concen: 40.319 ng
RT: 7.59 min Scan# 767
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampled :
PB116935BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.3	69.5	109.5
95	34.5	12.7	52.7

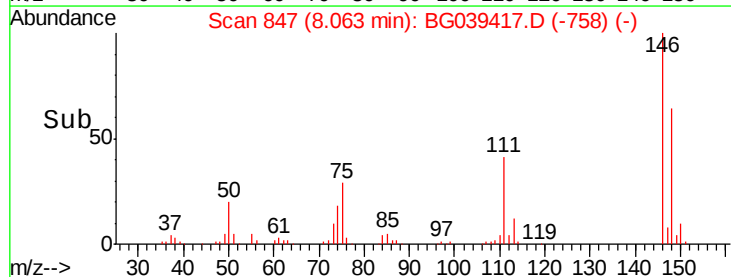
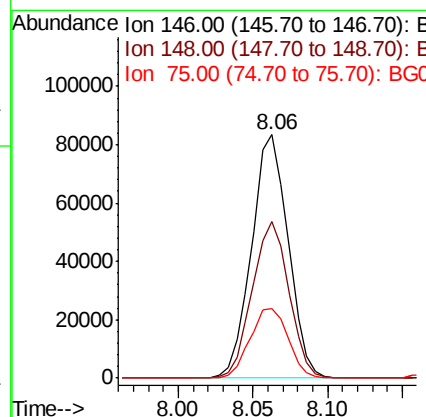
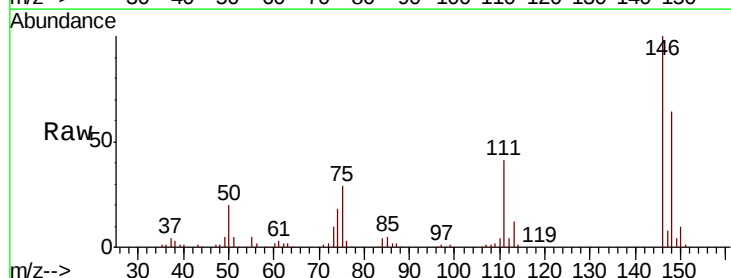
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#12
1,3-Dichlorobenzene
Concen: 40.107 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	79.0
75	28.5	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 41.641 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

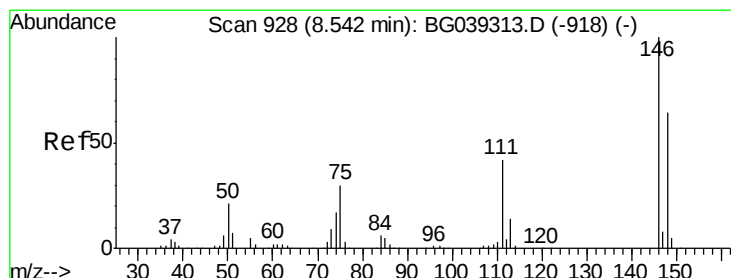
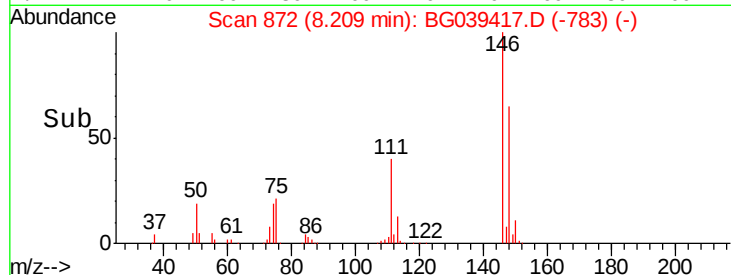
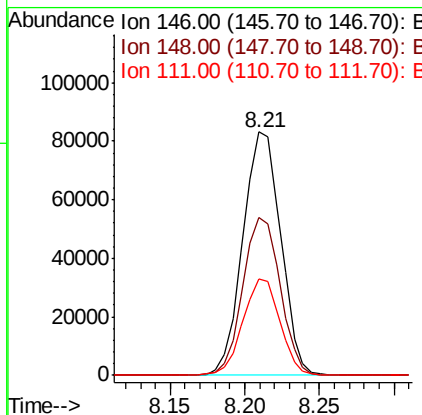
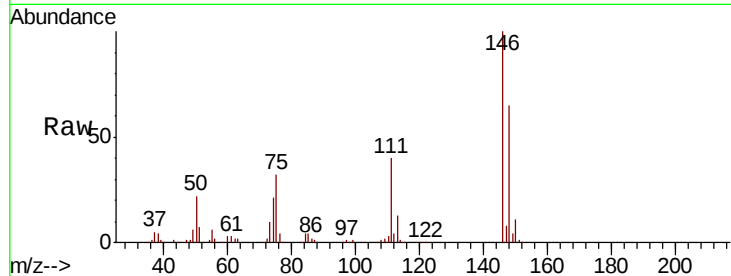
ClientSampled :

PB116935BS

Tot Ion:	146	Resp:	145893
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
111	39.7	32.6	48.8

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#14

1,2-Dichlorobenzene

Concen: 40.577 ng

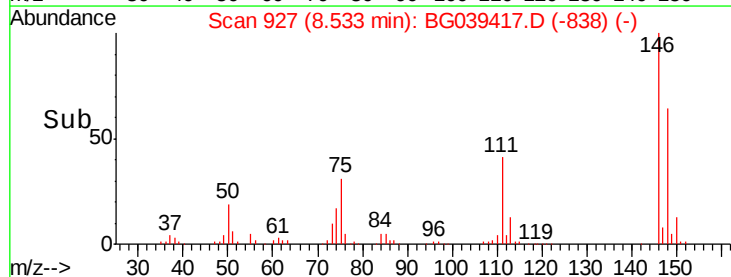
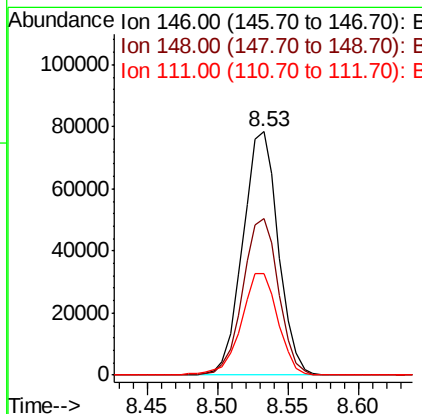
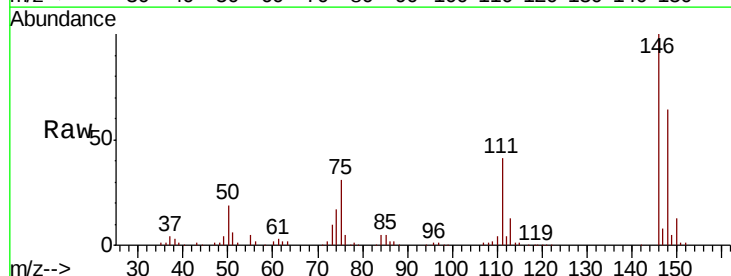
RT: 8.53 min Scan# 927

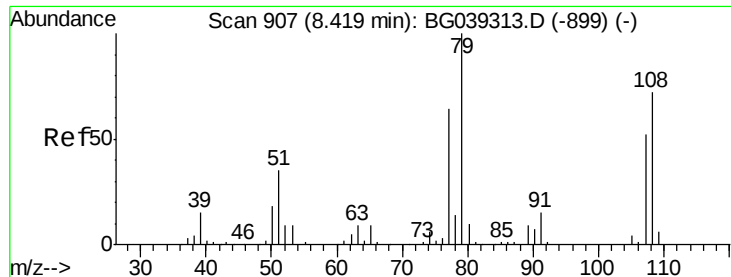
Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	146	Resp:	137624
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.5	77.3
111	41.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.885 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

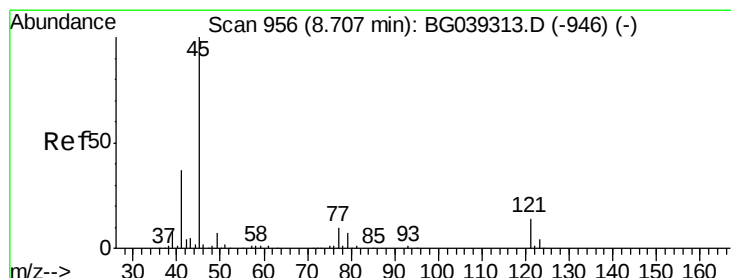
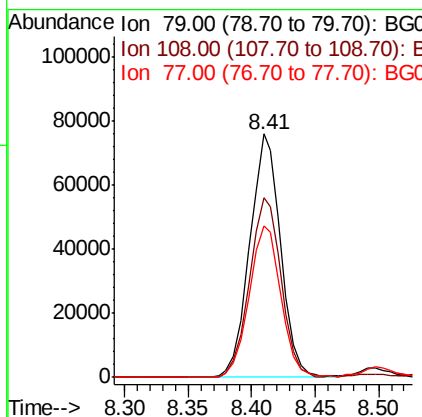
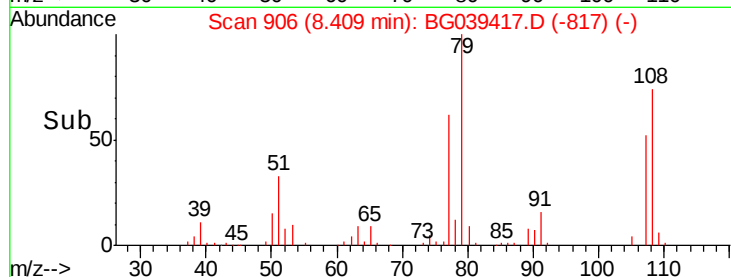
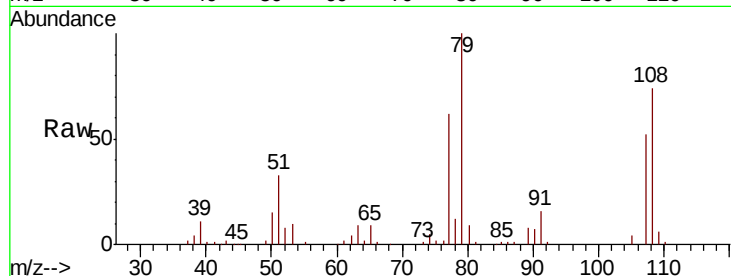
ClientSampled :

PB116935BS

Tot Ion:	79	Resp:	128485
Ion Ratio	Lower	Upper	
79	100		
108	73.9	57.8	86.6
77	62.1	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.977 ng

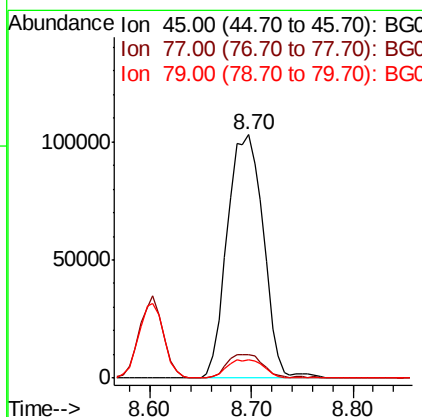
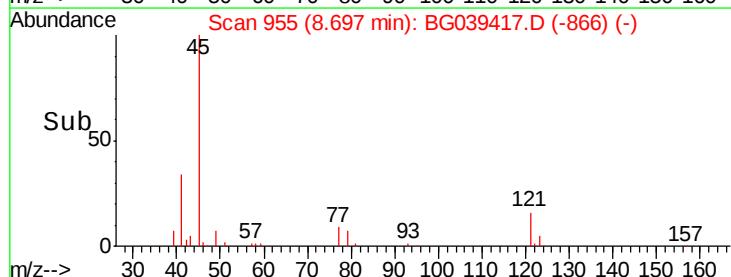
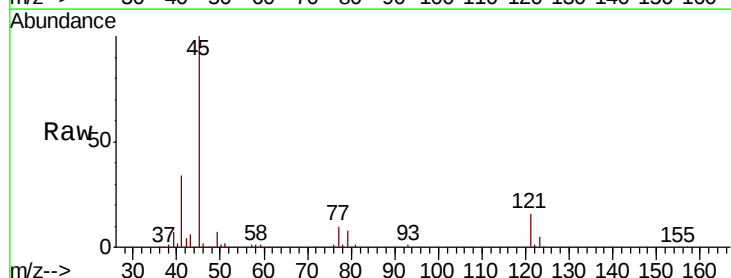
RT: 8.70 min Scan# 955

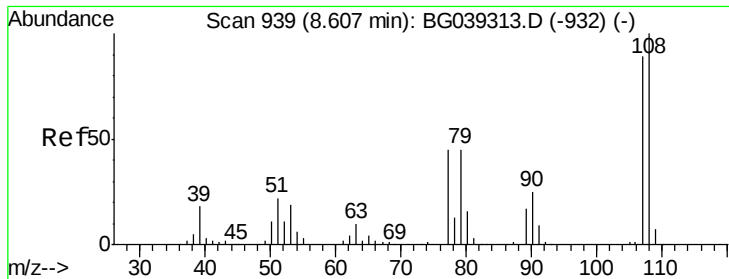
Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	45	Resp:	254219
Ion Ratio	Lower	Upper	
45	100		
77	9.9	0.0	30.0
79	7.5	0.0	27.5





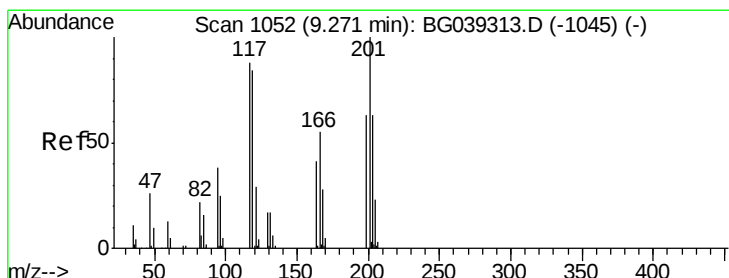
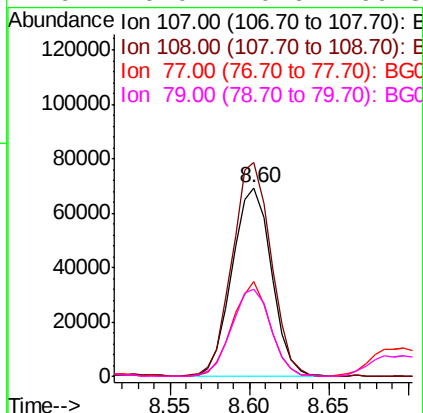
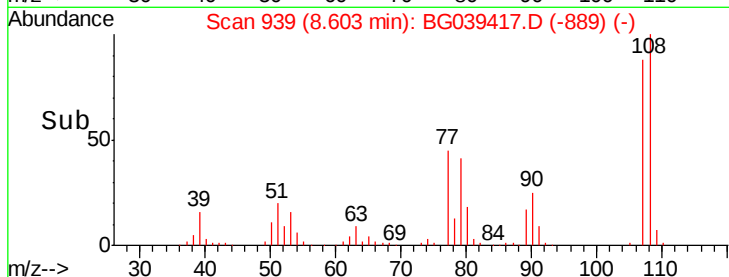
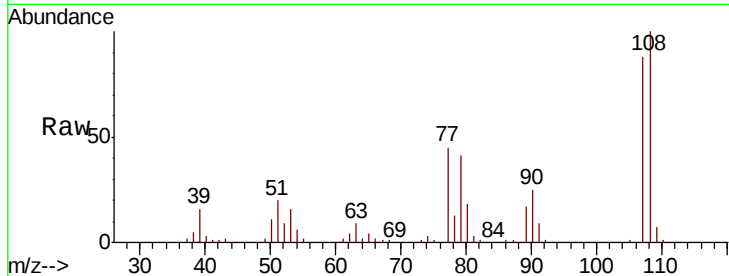
#17
2-Methylphenol
Concen: 45.327 ng
RT: 8.60 min Scan# 939
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.8	136.2
77	50.5	40.7	61.1
79	46.0	40.6	60.8

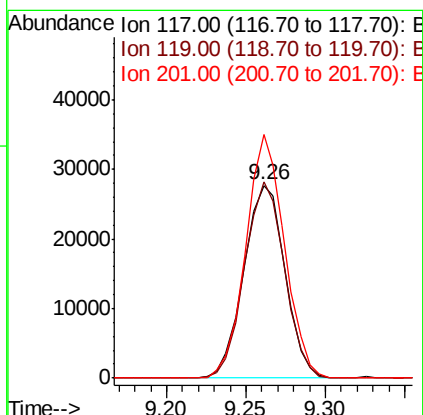
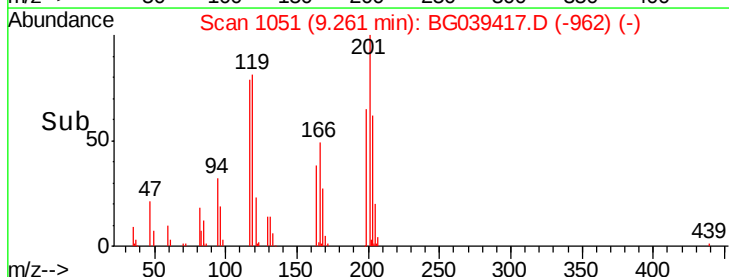
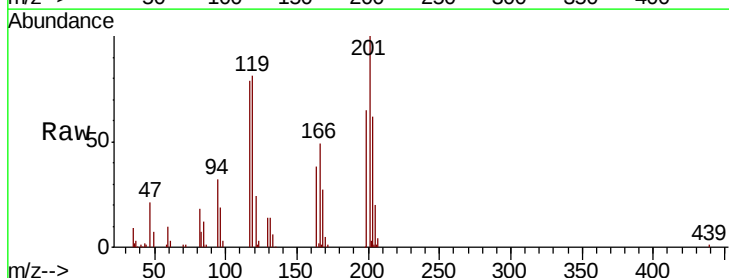
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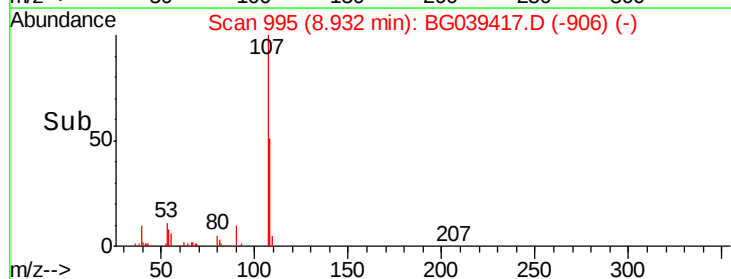
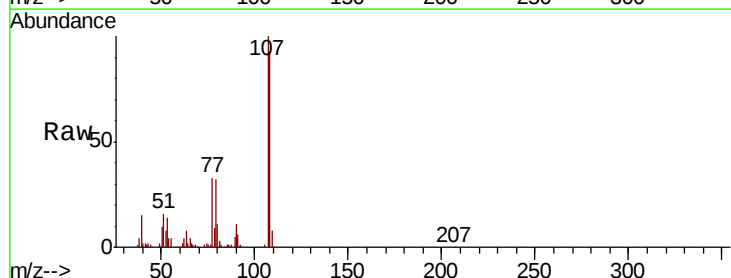
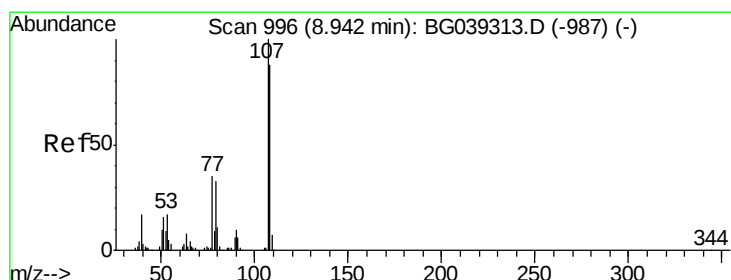
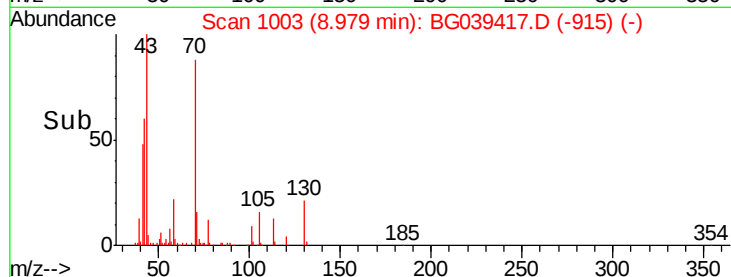
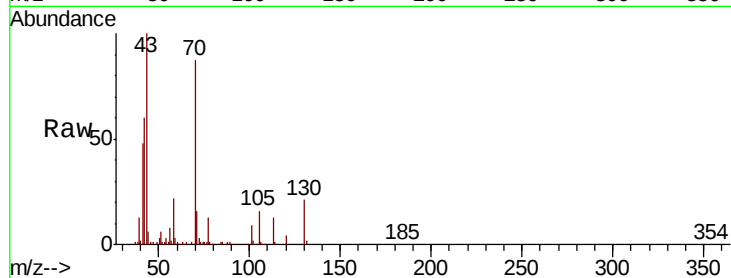
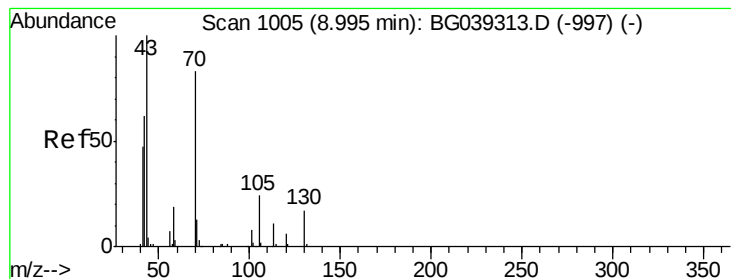
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#18
Hexachloroethane
Concen: 41.581 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.6	76.3	114.5
201	126.2	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 36.498 ng

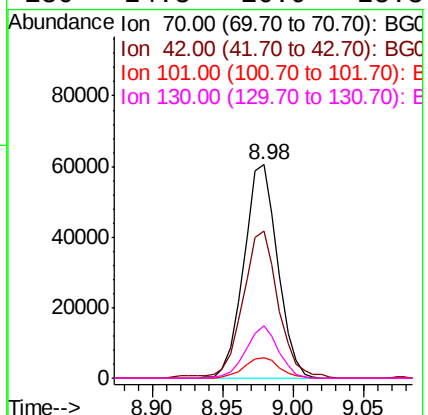
RT: 8.98 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.8	60.4	90.6		
101	9.8	7.5	11.3		
130	24.3	16.9	25.3		



Instrument :

BNA_G

ClientSampleId :

PB116935BS

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#20

3+4-Methylphenols

Concen: 45.194 ng

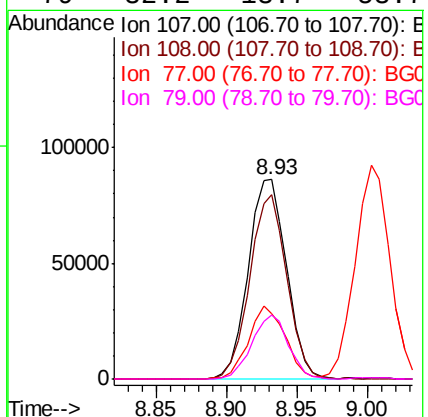
RT: 8.93 min Scan# 995

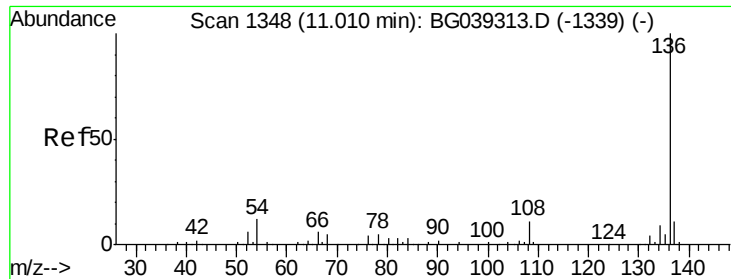
Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.6	67.9	107.9		
77	32.6	15.4	55.4		
79	32.2	13.7	53.7		





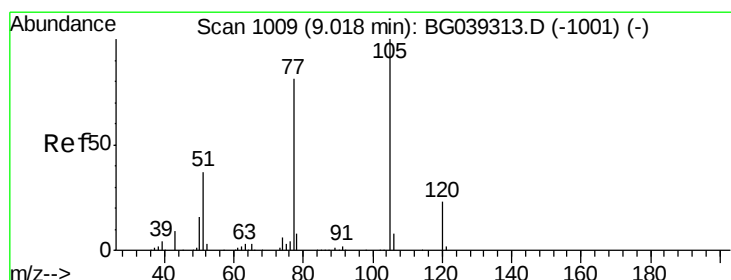
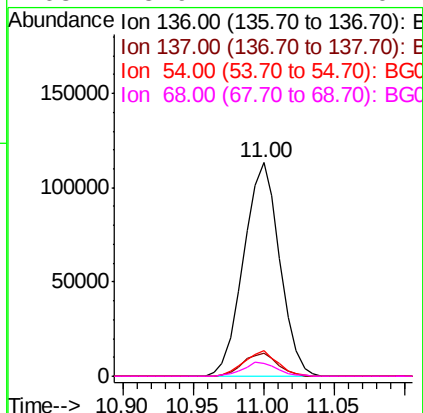
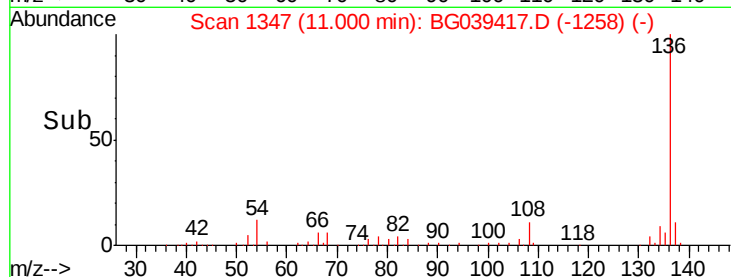
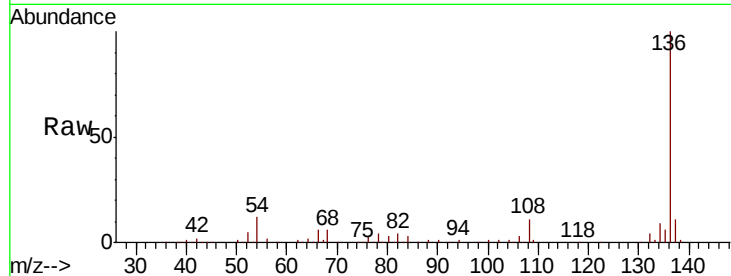
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	12.0	9.4	14.2	
68	5.9	4.2	6.4	

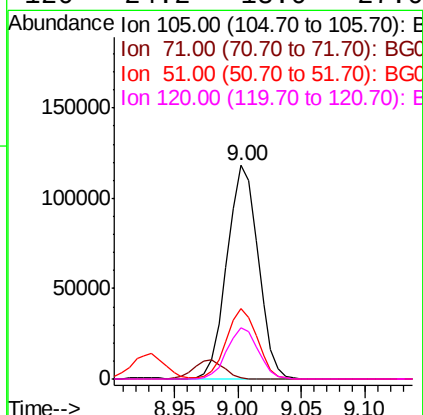
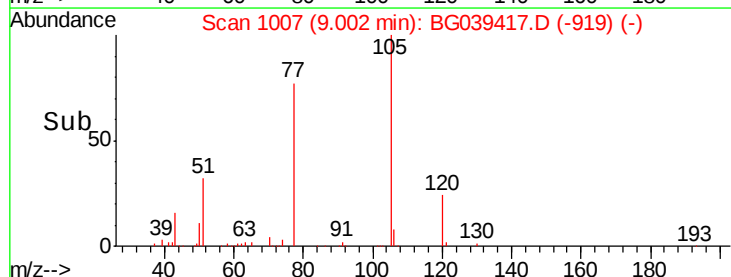
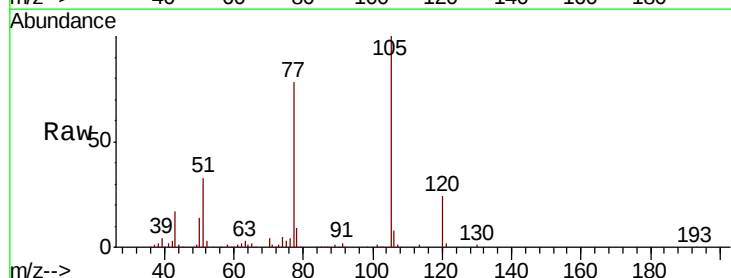
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#22
Acetophenone
Concen: 37.005 ng
RT: 9.00 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.7	0.8	1.2#	
51	32.9	30.2	45.2	
120	24.2	18.0	27.0	





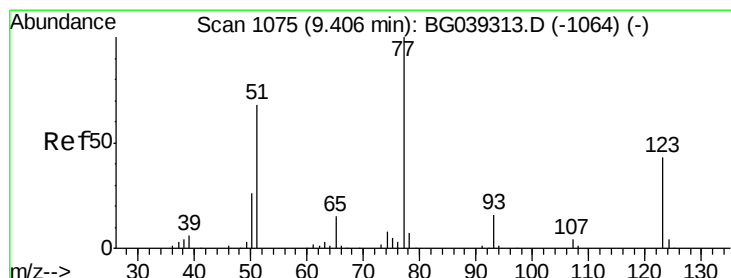
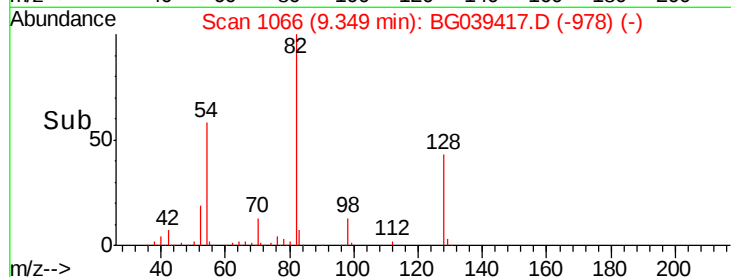
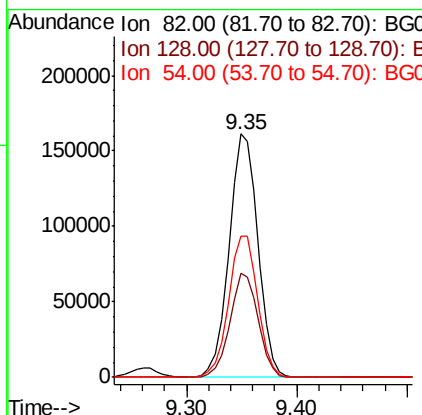
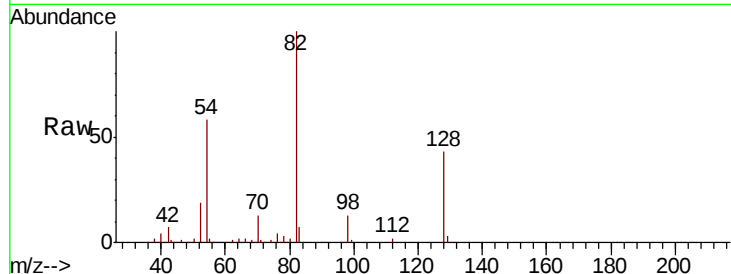
#23
Nitrobenzene-d5
Concen: 91.047 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	294910		
128	42.6	31.3	46.9	
54	58.2	50.9	76.3	

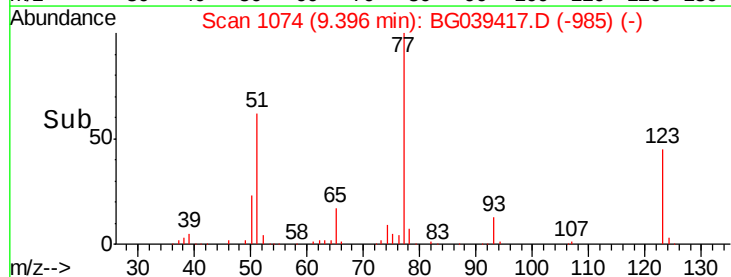
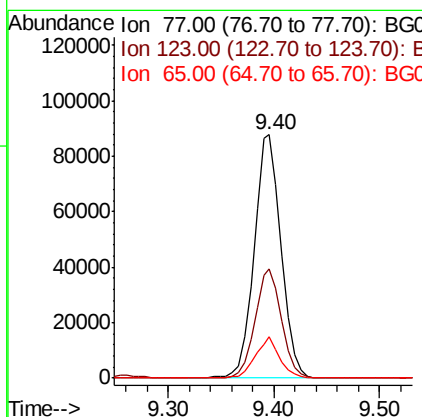
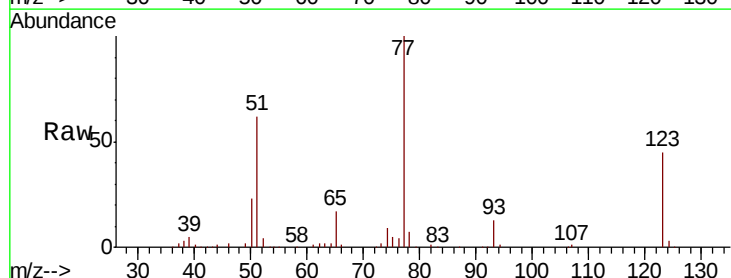
Manual Integrations
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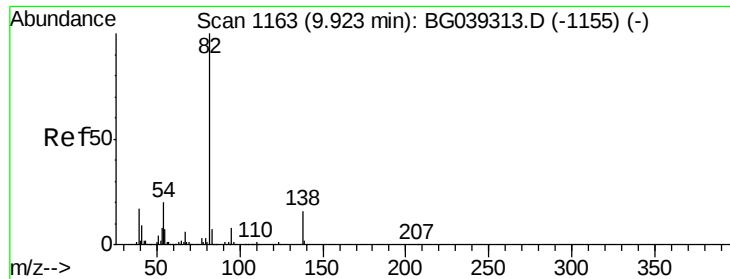
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#24
Nitrobenzene
Concen: 44.384 ng
RT: 9.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	155314		
123	44.8	34.1	51.1	
65	16.9	12.3	18.5	





#25

Isophorone

Concen: 41.325 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

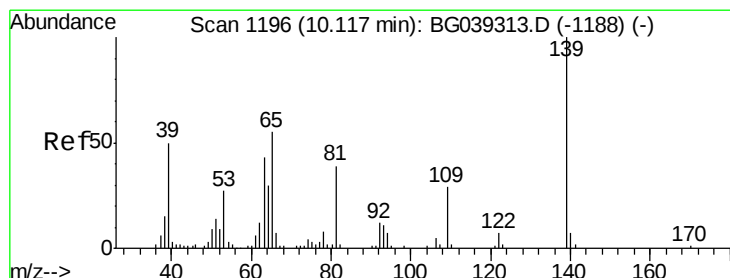
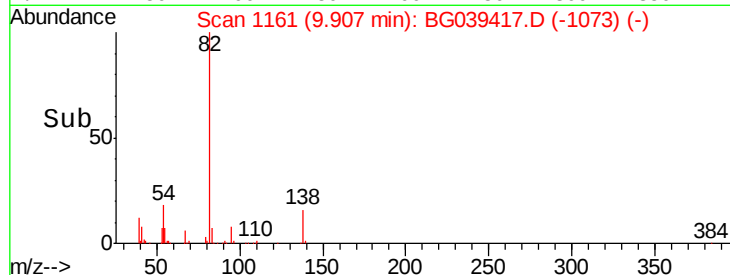
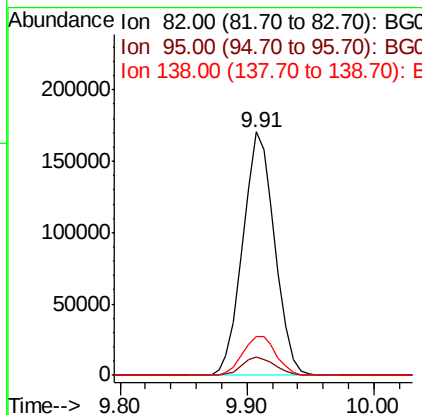
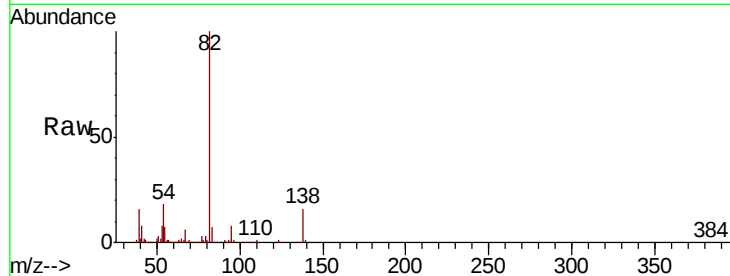
ClientSampleId :

PB116935BS

Tot Ion:	82	Resp:	296626
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.2	9.2
138	15.9	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.046 ng

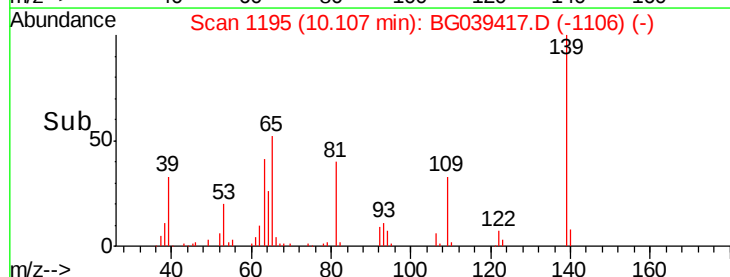
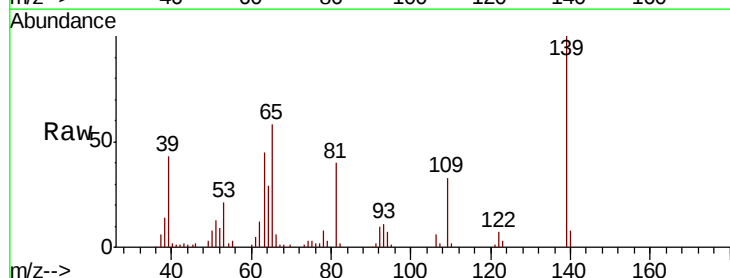
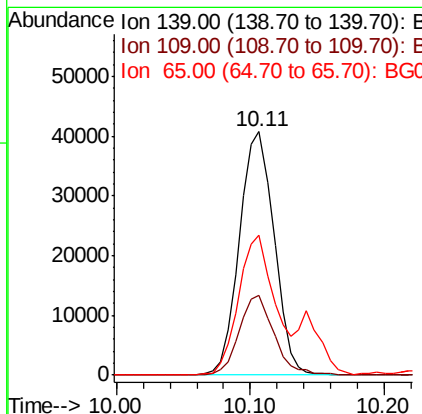
RT: 10.11 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	139	Resp:	73272
Ion Ratio		Lower	Upper
139	100		
109	32.8	23.4	35.0
65	57.5	44.3	66.5





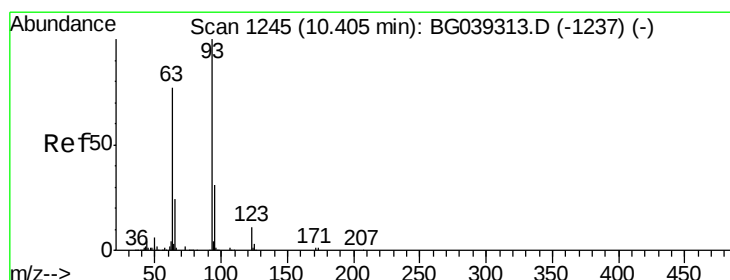
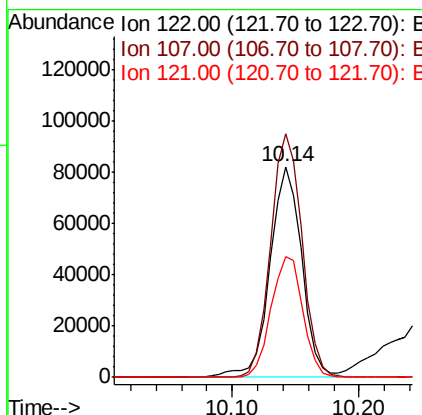
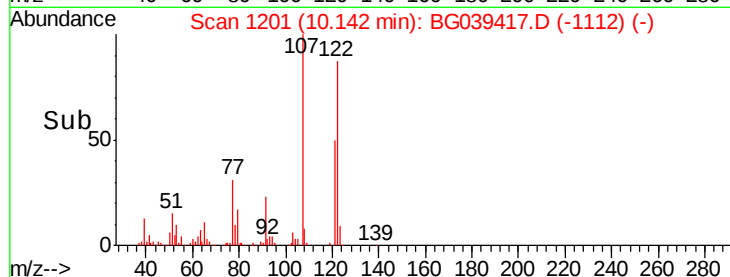
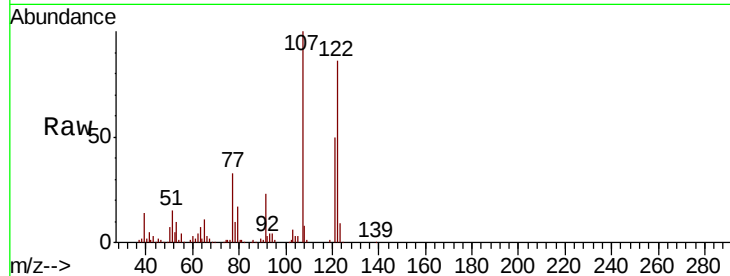
#27
2,4-Dimethylphenol
Concen: 49.199 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.7	137.5
121	57.6	46.4	69.6

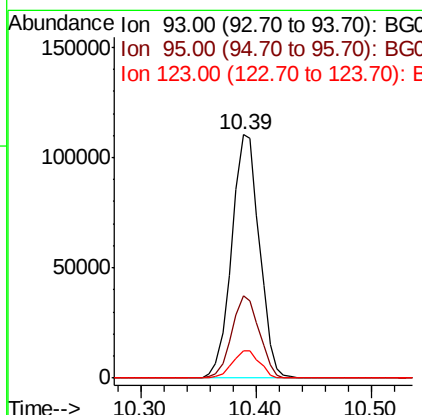
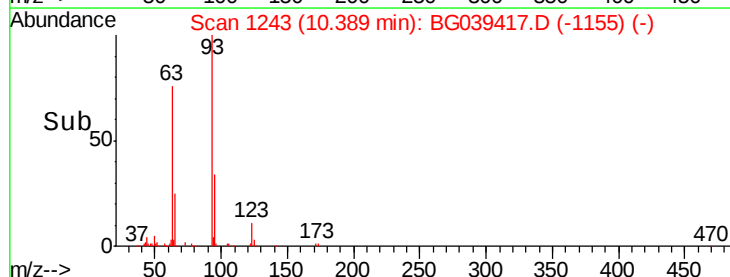
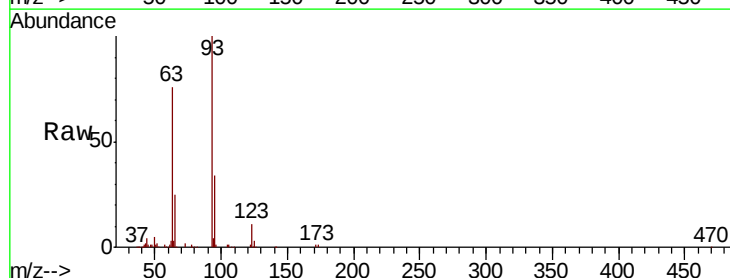
Manual Integrations
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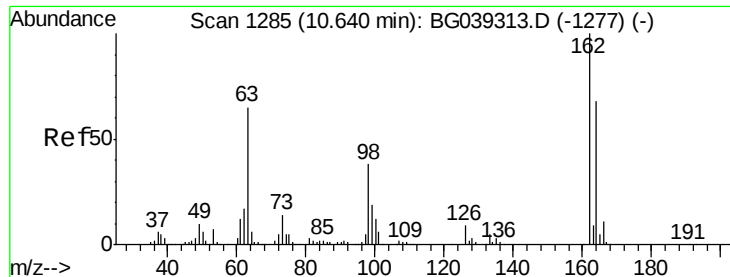
Sohil
2/11/2019 10:13:43 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.452 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.0	37.4
123	11.1	8.6	12.8





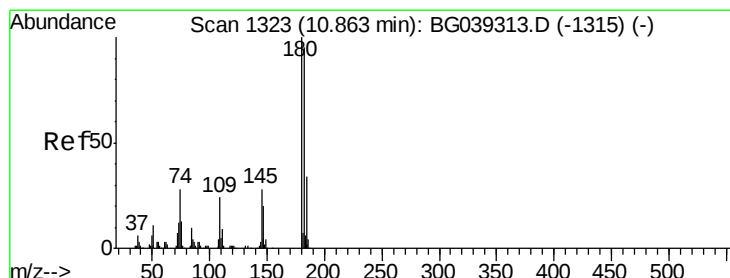
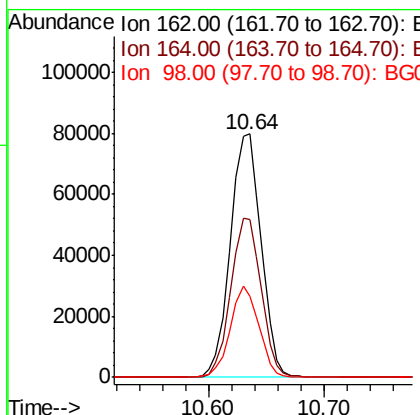
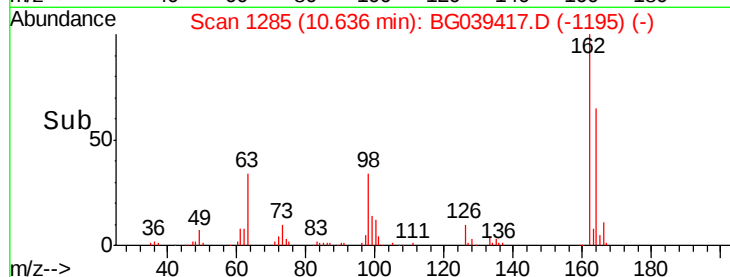
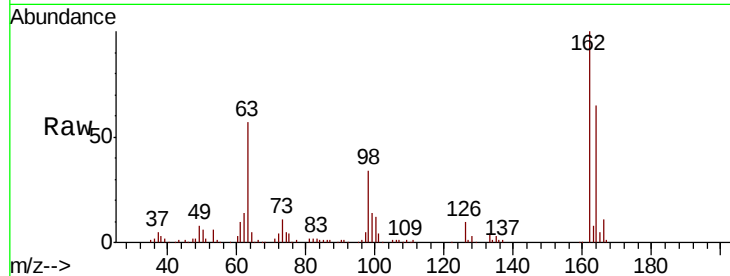
#29
2,4-Dichlorophenol
Concen: 46.509 ng
RT: 10.64 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampled :
PB116935BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	48.1	88.1
98	33.5	18.1	58.1

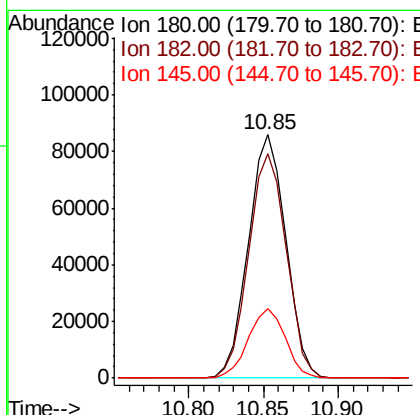
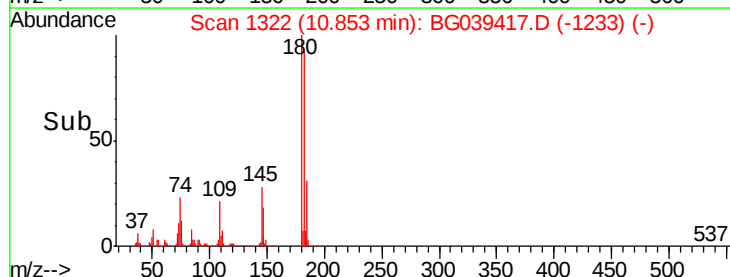
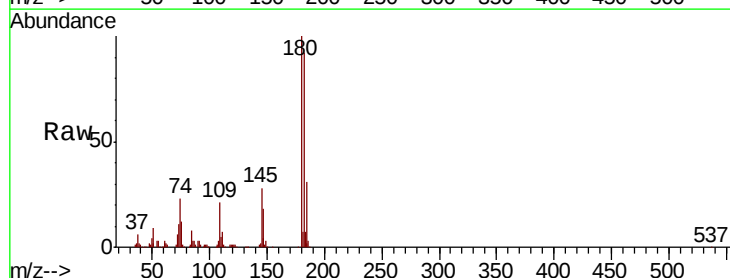
Manual Integrations
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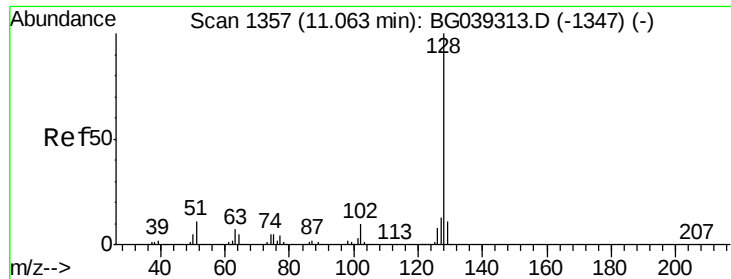
Sohil
2/11/2019 10:13:43 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.788 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.0	114.0
145	28.3	22.7	34.1





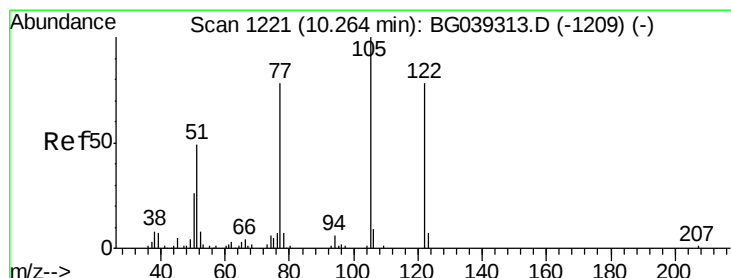
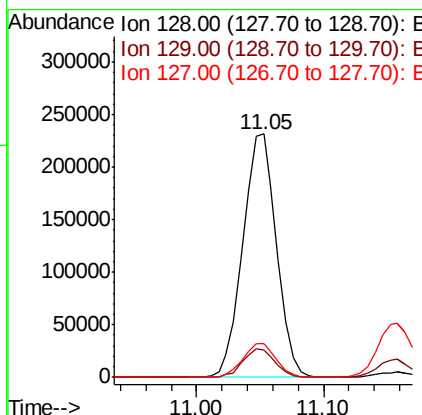
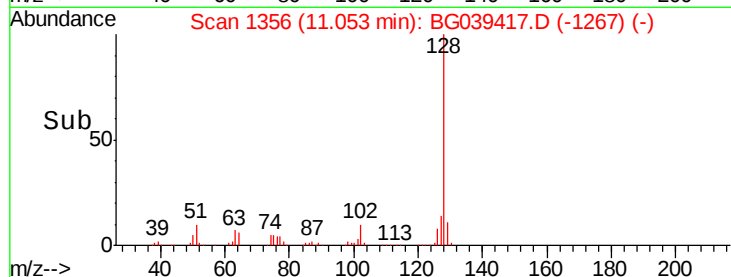
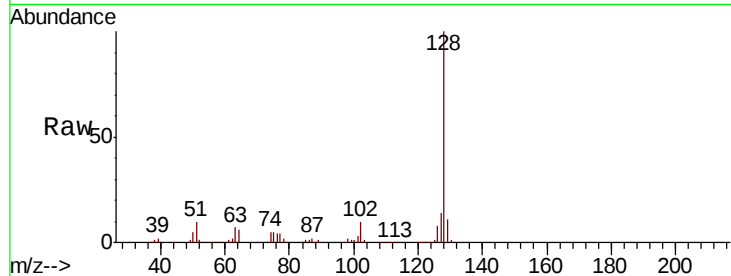
#31
Naphthalene
Concen: 42.304 ng
RT: 11.05 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	14.0	10.8	16.2

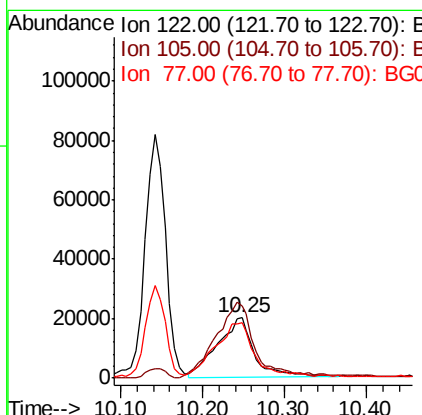
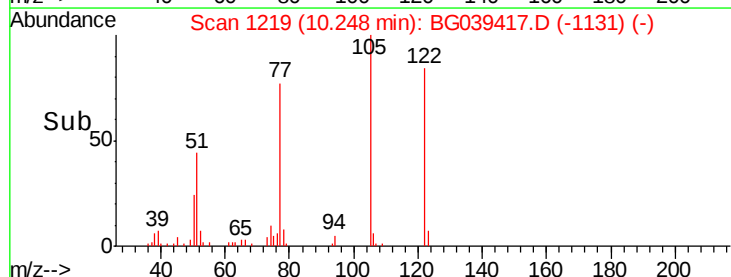
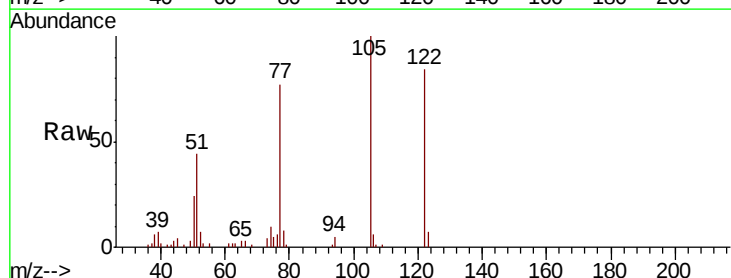
Manual Integrations
APPROVED

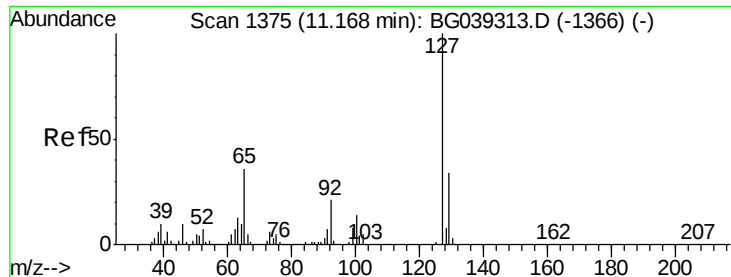
Sohil
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#32
Benzoic acid
Concen: 35.418 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.4	101.8	141.8
77	91.9	76.3	116.3





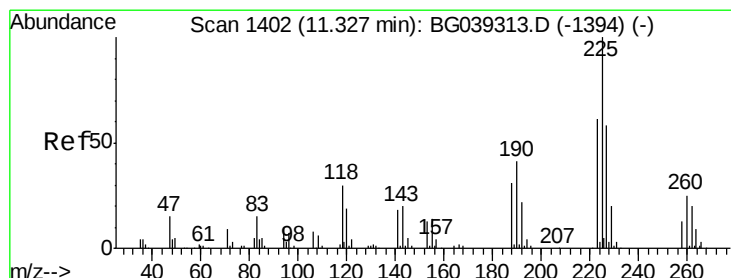
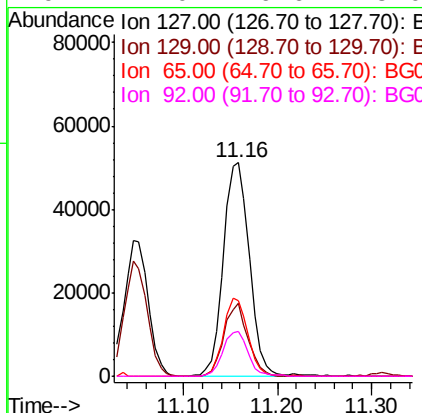
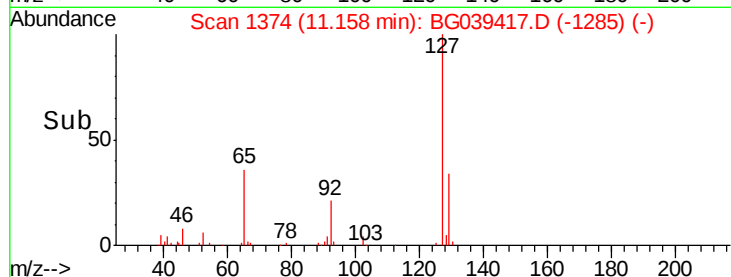
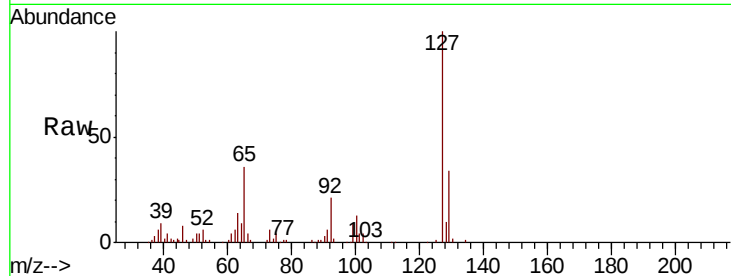
#33
4-Chloroaniline
Concen: 21.205 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	27.0	40.4		
65	35.6	28.8	43.2		
92	21.0	16.6	25.0		

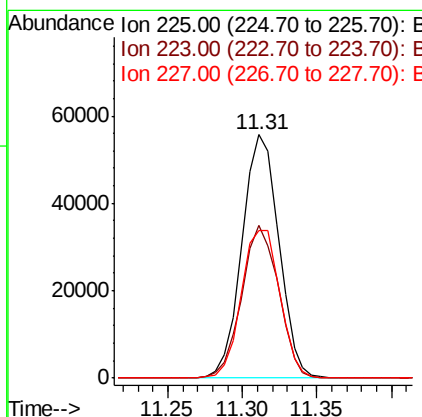
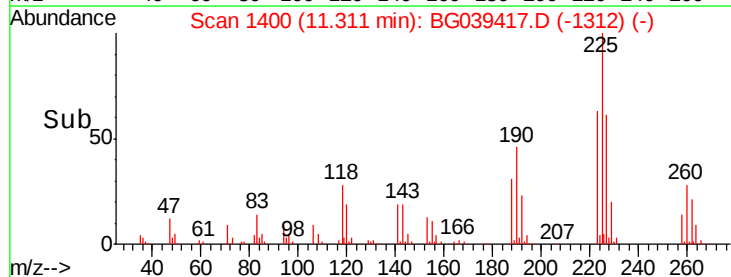
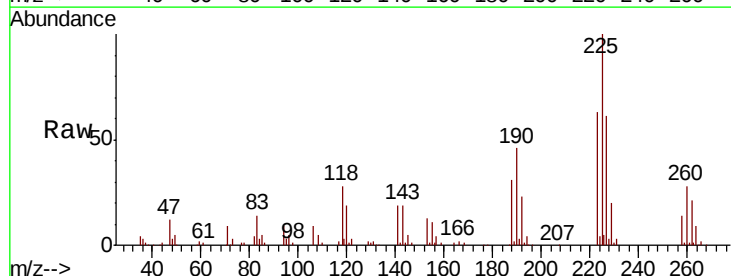
Manual Integrations
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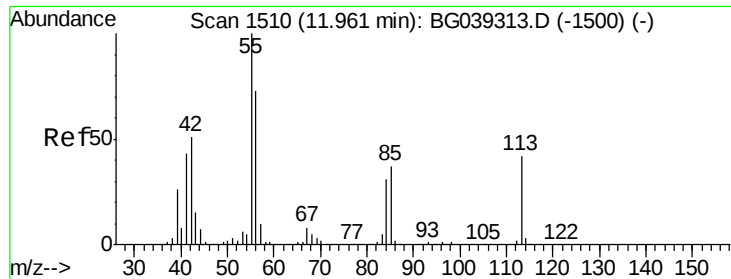
Sohil
2/11/2019 10:13:43 AM



#34
Hexachlorobutadiene
Concen: 40.148 ng
RT: 11.31 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.0	73.6		
227	60.6	46.3	69.5		





#35

Caprolactam

Concen: 36.761 ng/ml

RT: 11.93 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

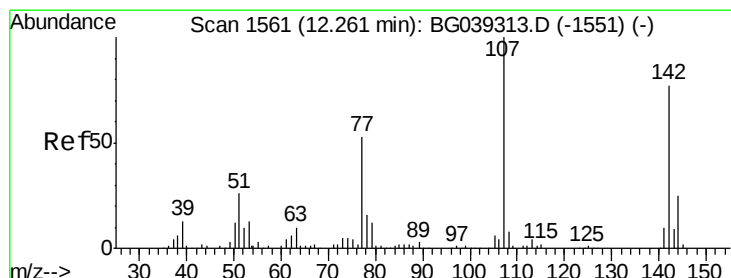
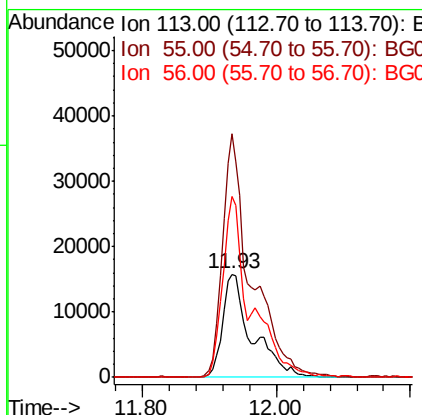
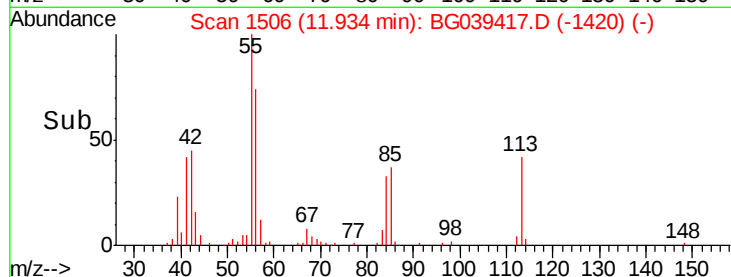
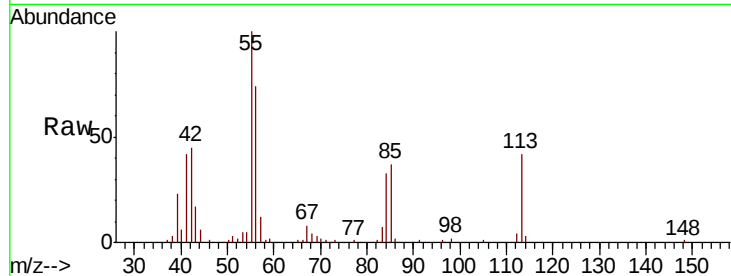
ClientSampled :

PB116935BS

Tot Ion:	113	Resp:	48274
Ion	Ratio	Lower	Upper
113	100		
55	236.8	216.9	256.9
56	176.0	152.6	192.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 42.331 ng/ml

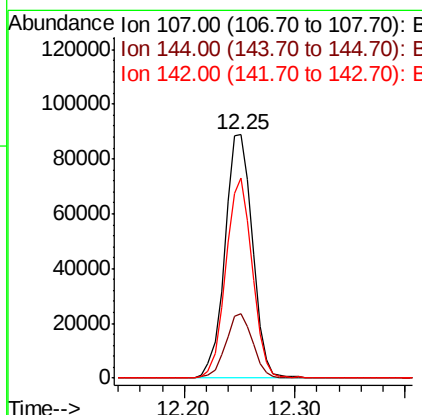
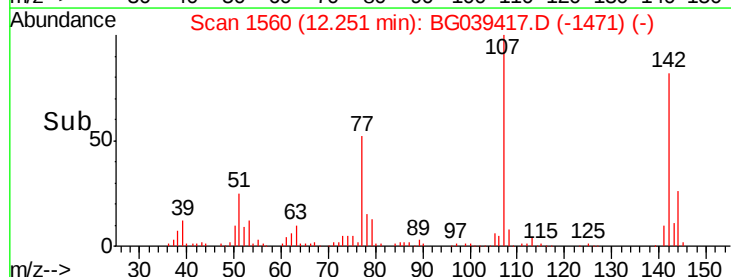
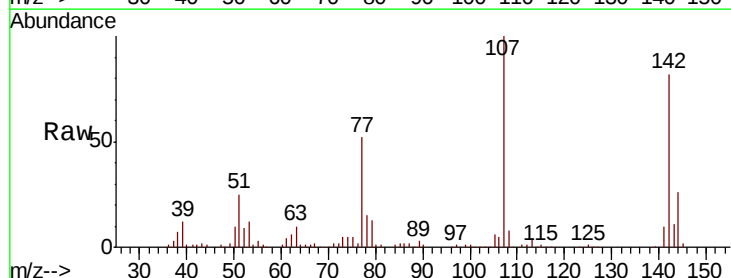
RT: 12.25 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	107	Resp:	155357
Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.2	30.2
142	82.2	61.4	92.2





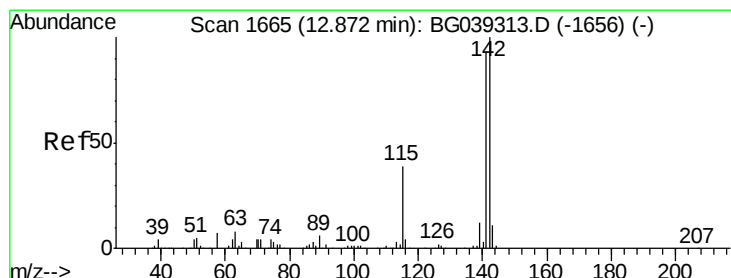
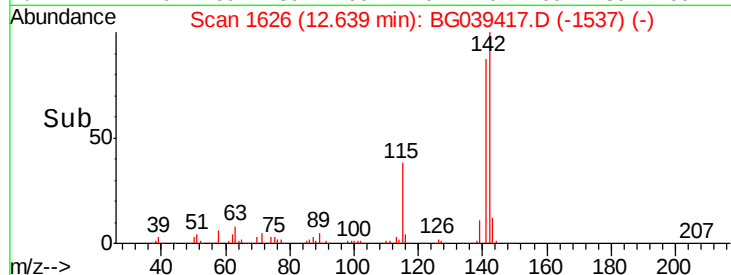
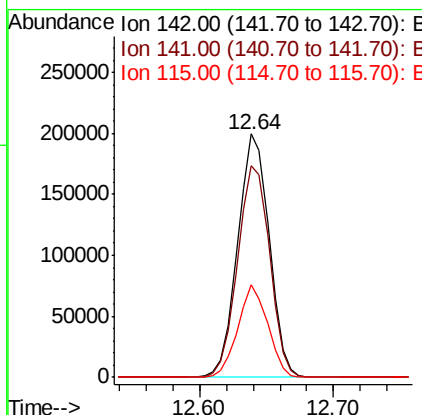
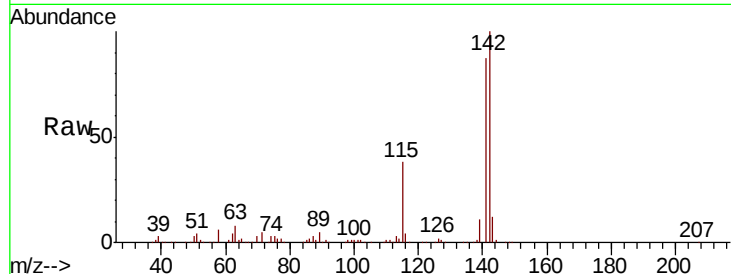
#37
2-Methylnaphthalene
Concen: 43.652 ng
RT: 12.64 min Scan# 1626
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampled :
PB116935BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	73.5	110.3
115	37.8	30.8	46.2

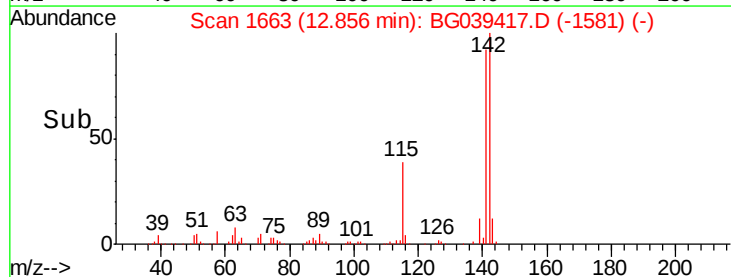
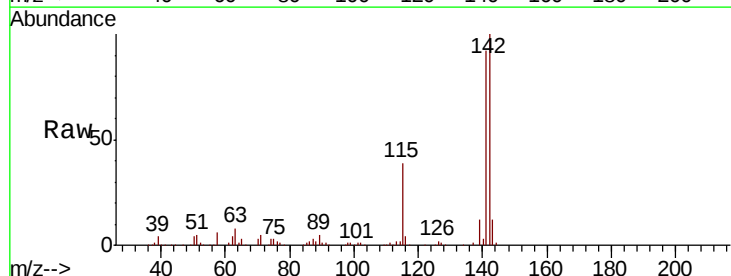
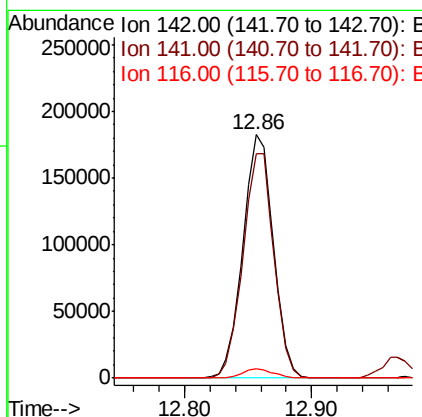
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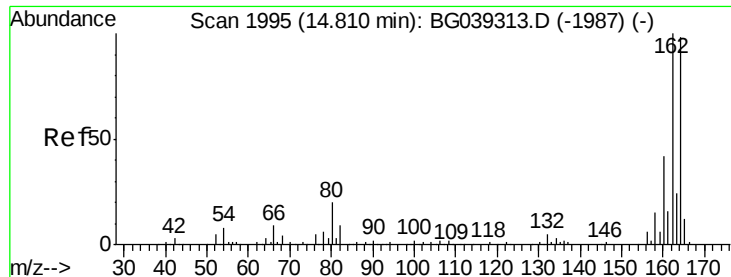
Sohil
2/11/2019 10:13:43 AM



#38
1-Methylnaphthalene
Concen: 42.351 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	4.1	3.0	4.6





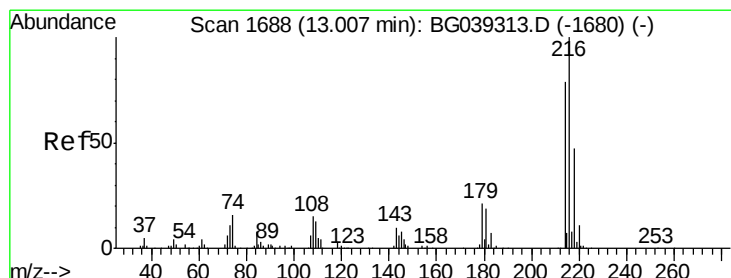
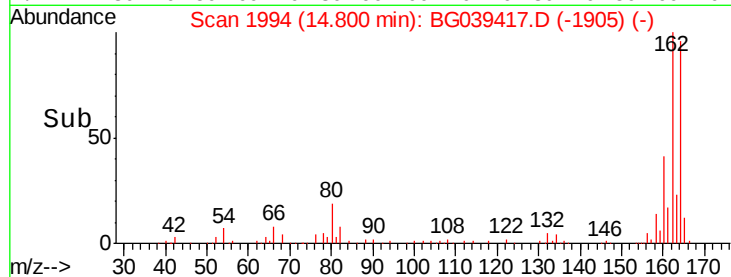
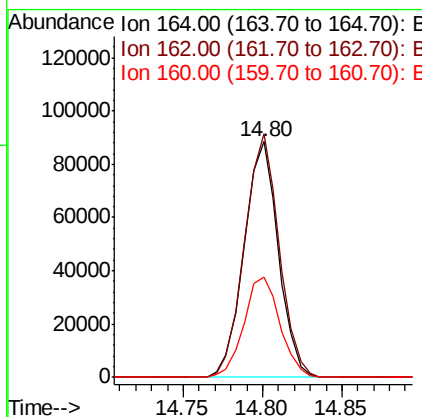
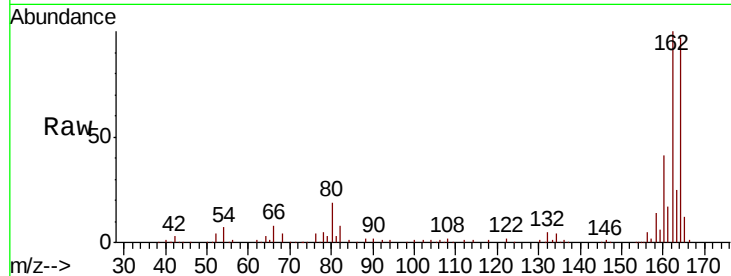
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.6	122.4
160	42.3	34.2	51.2

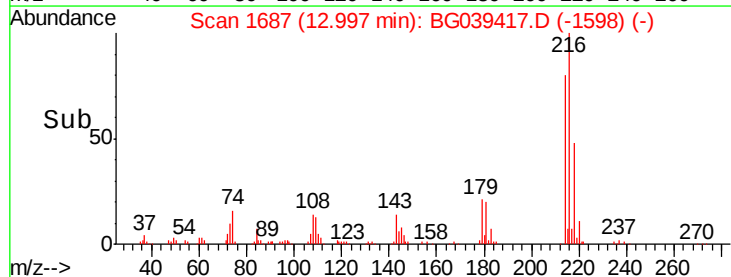
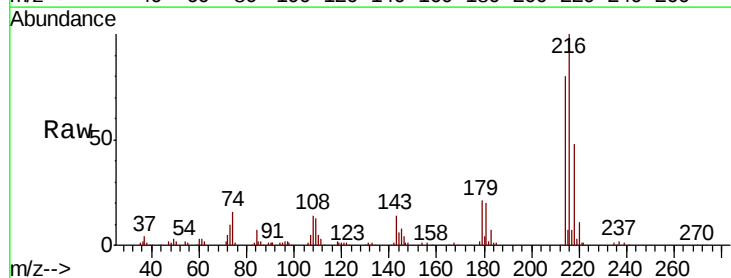
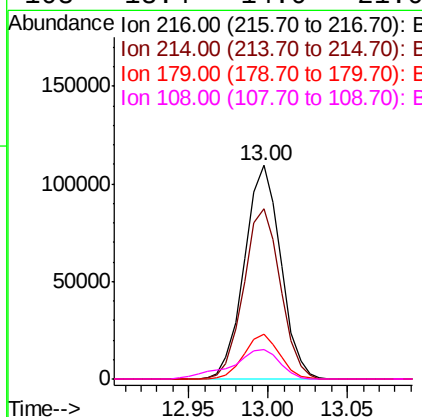
Manual Integrations
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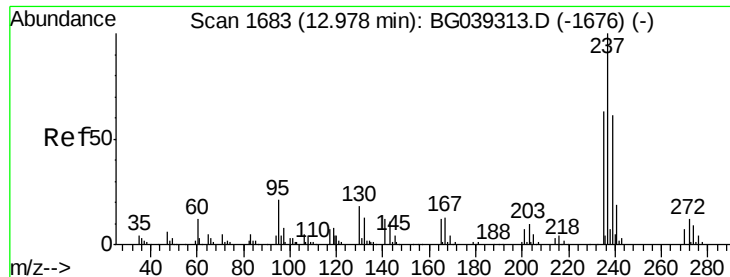
Sohil
2/11/2019 10:13:43 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.230 ng
RT: 13.00 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	62.6	94.0
179	20.6	16.6	25.0
108	18.4	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 100.085 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

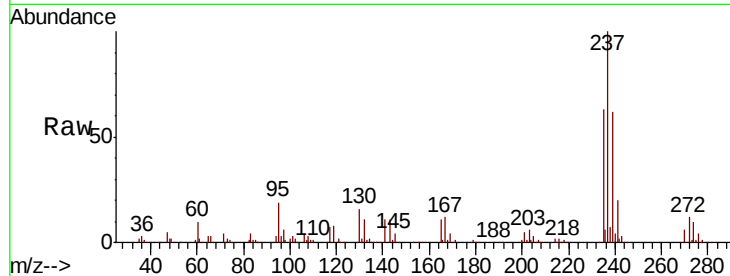
ClientSampleId :

PB116935BS

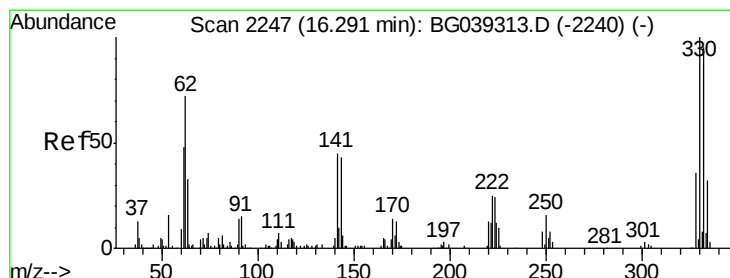
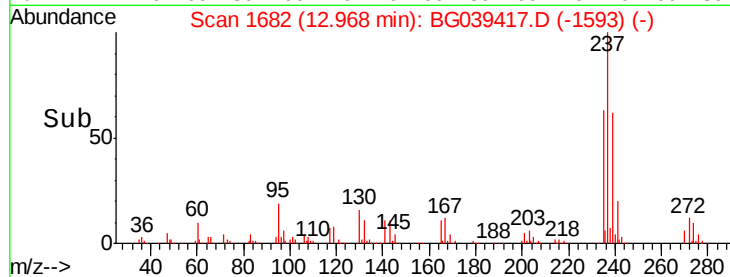
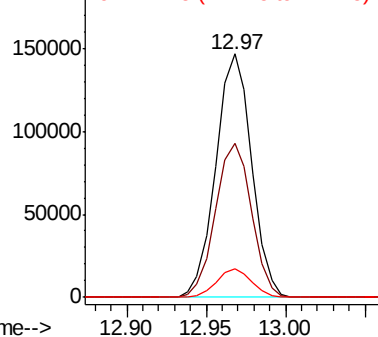
Tot Ion:	237	Resp:	230225
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.3	83.3
272	11.7	0.0	32.3

Manual Integrations
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2/11/2019 10:13:43 AM



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



#42

2,4,6-Tribromophenol

Concen: 164.997 ng

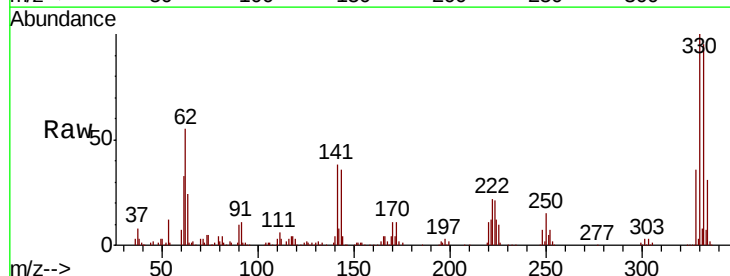
RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

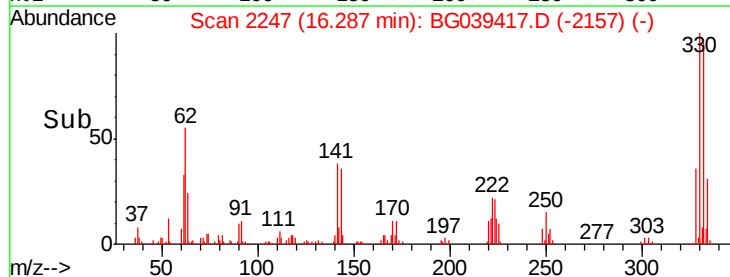
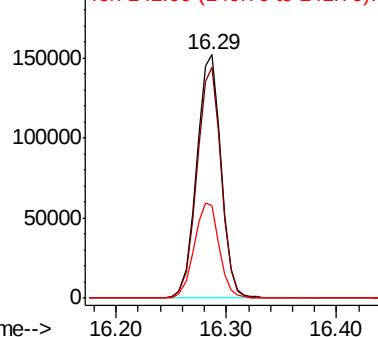
Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	330	Resp:	235732
Ion Ratio	Lower	Upper	
330	100		
332	94.0	75.7	113.5
141	39.9	35.6	53.4



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





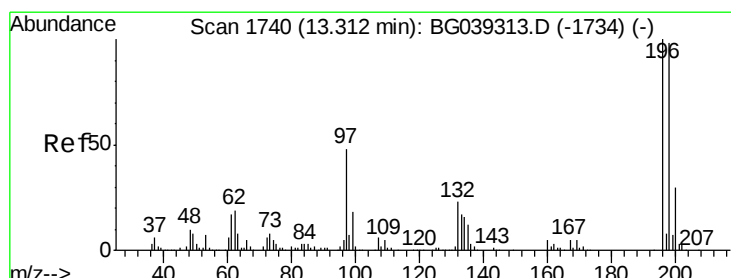
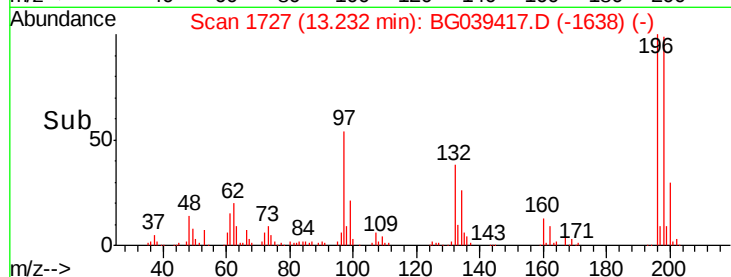
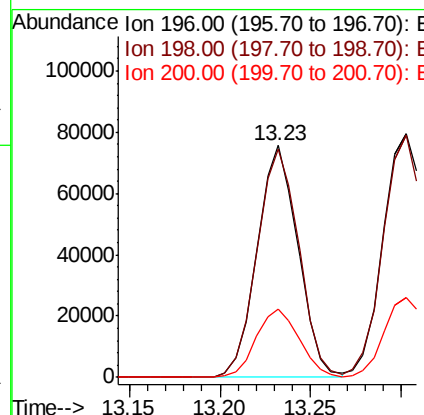
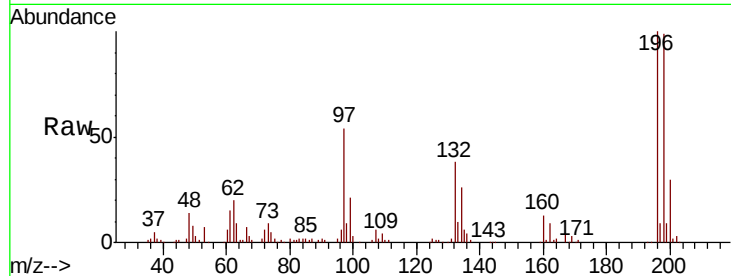
#43
 2,4,6-Trichlorophenol
 Concen: 45.646 ng
 RT: 13.23 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Instrument :
 BNA_G
 ClientSampled :
 PB116935BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	118476		
198	98.8	80.6	121.0	
200	29.6	26.1	39.1	

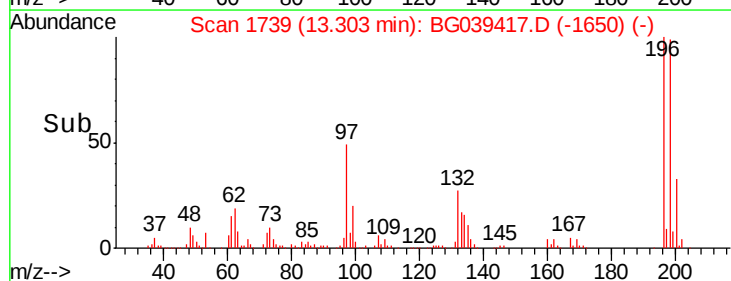
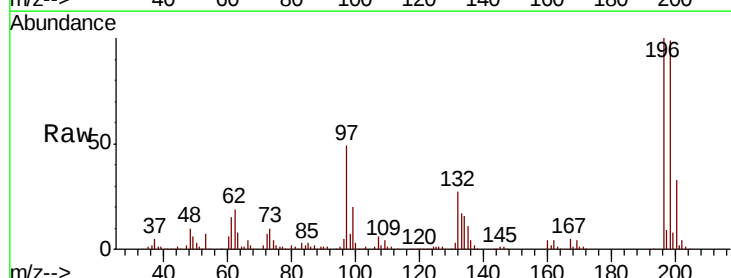
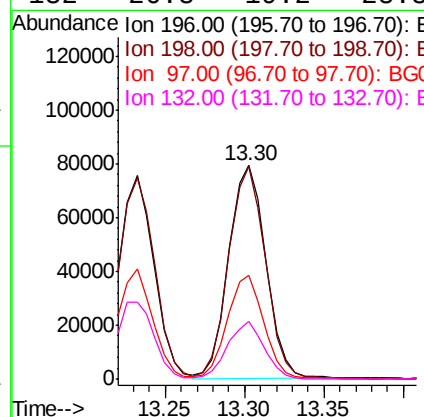
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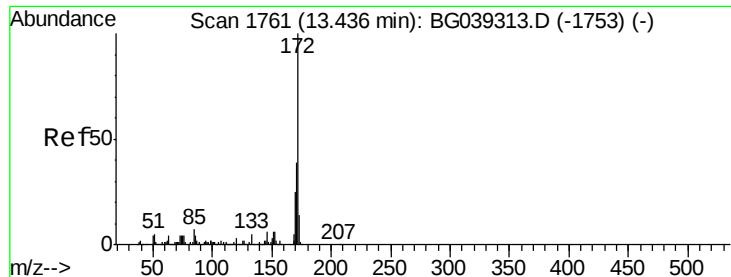
Sohil
 2/11/2019 10:13:43 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.235 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128494		
198	99.4	78.5	117.7	
97	48.8	38.4	57.6	
132	26.8	19.2	28.8	





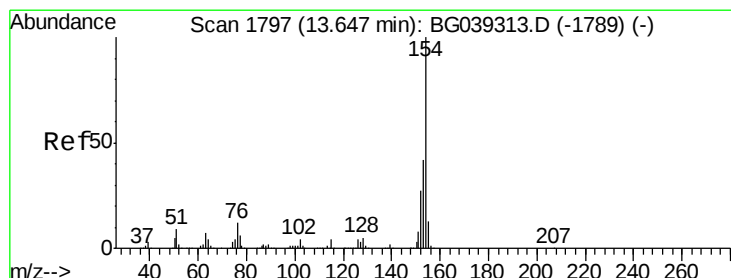
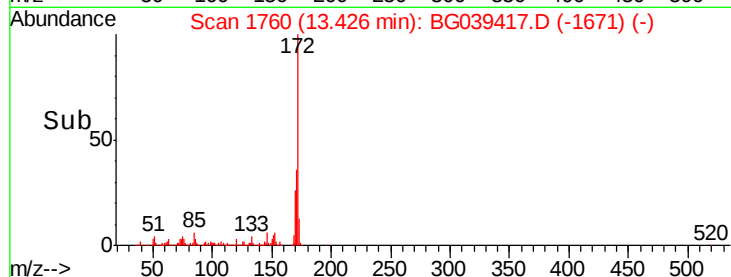
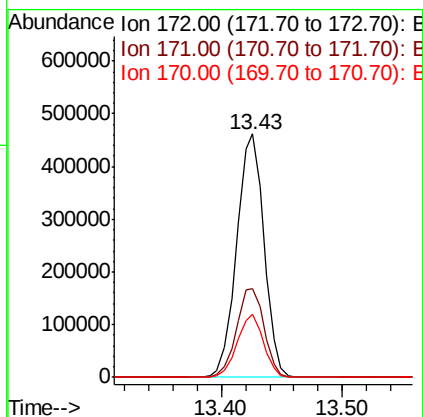
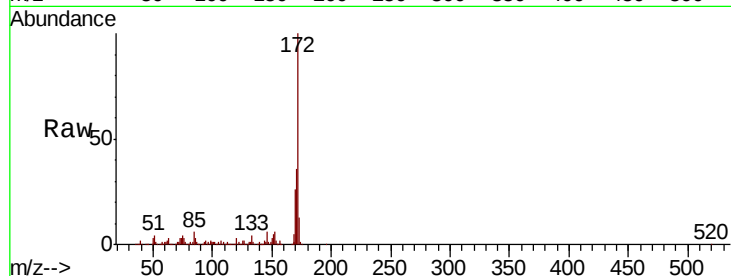
#45
2-Fluorobiphenyl
Concen: 78.523 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	25.9	20.2	30.4

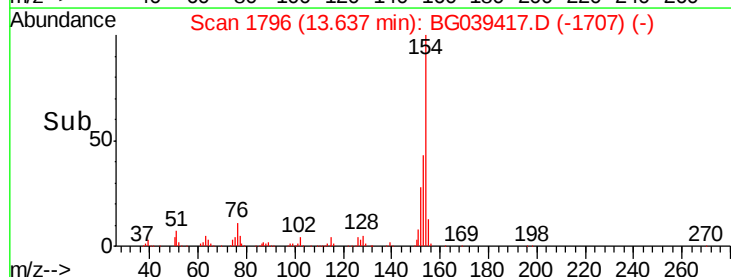
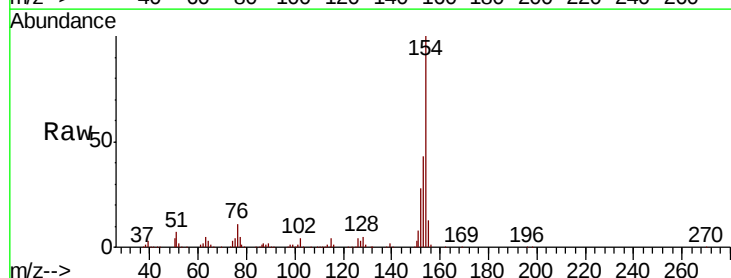
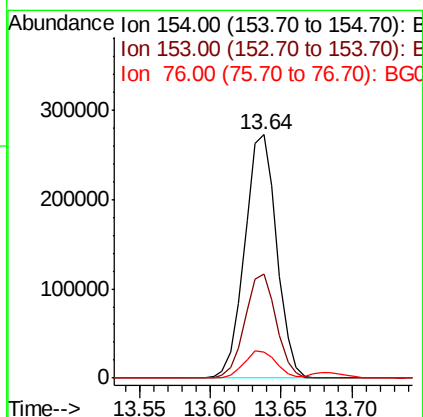
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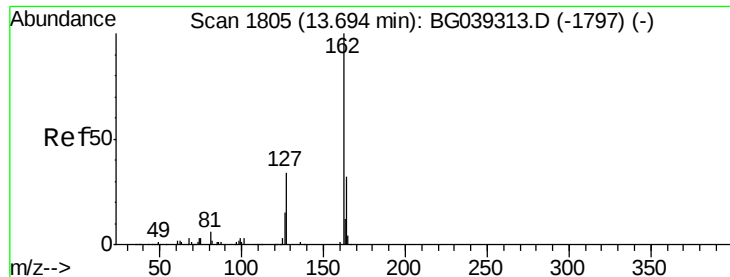
Sohil
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#46
1,1'-Biphenyl
Concen: 39.091 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.1	62.1
76	11.0	0.0	32.4





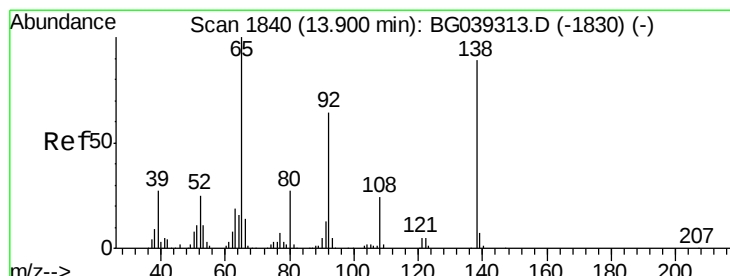
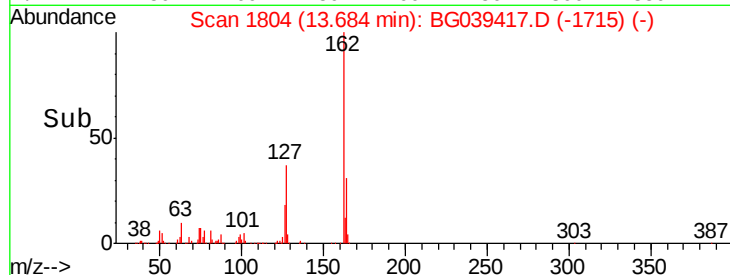
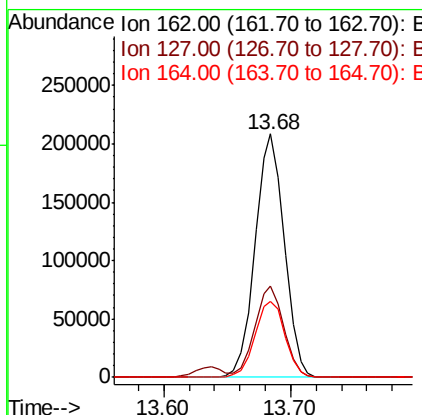
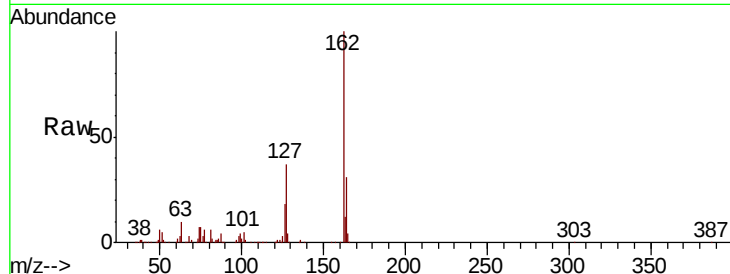
#47
 2-Chloronaphthalene
 Concen: 40.084 ng
 RT: 13.68 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.6
164	31.4	25.7	38.5

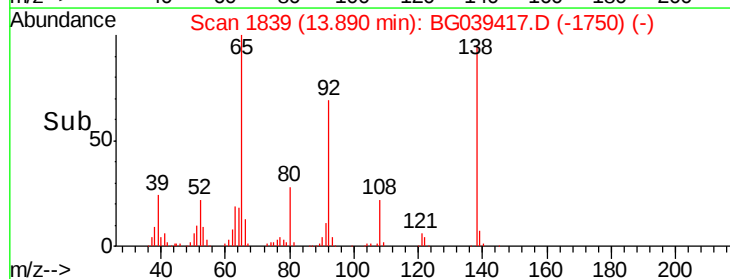
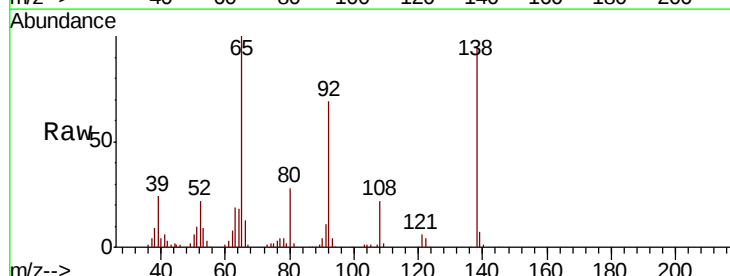
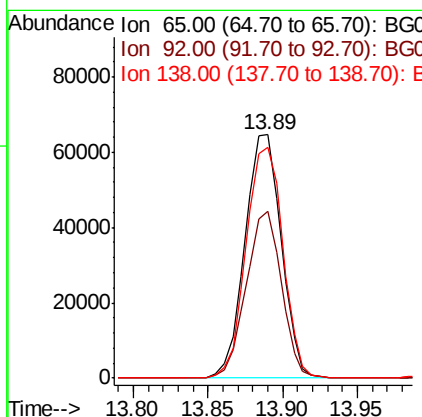
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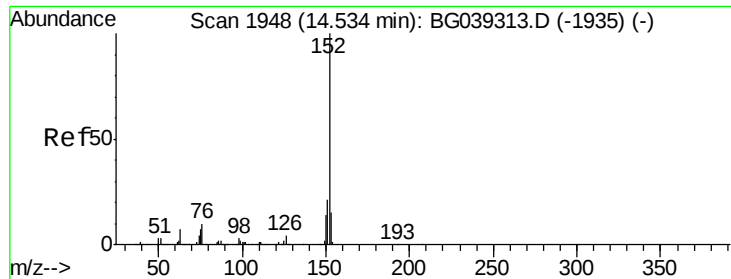
Sohil
 2/11/2019 10:13:43 AM



#48
 2-Nitroaniline
 Concen: 45.939 ng
 RT: 13.89 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	51.4	77.2
138	94.8	71.4	107.2





#49

Acenaphthylene

Concen: 42.683 ng

RT: 14.52 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

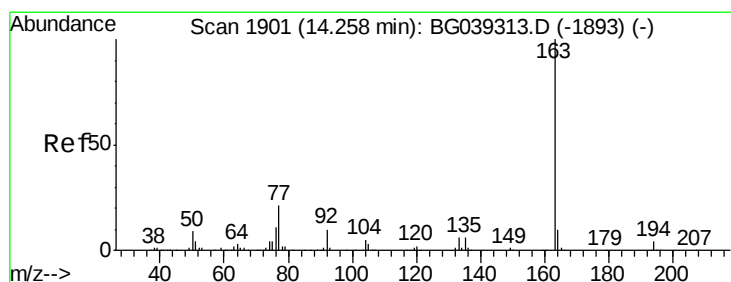
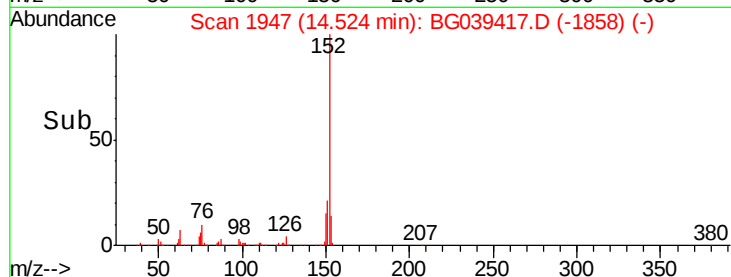
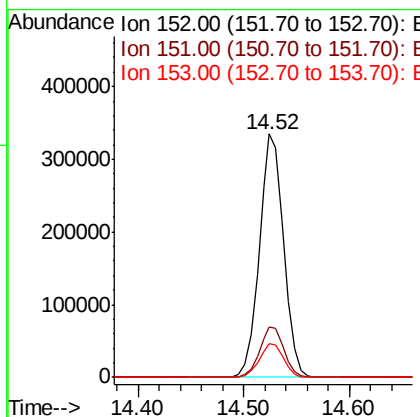
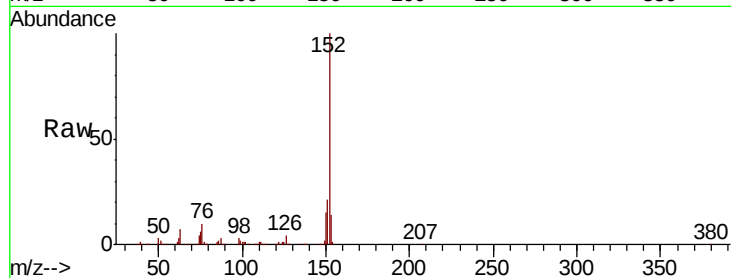
ClientSampleId :

PB116935BS

Tot Ion:	152	Resp:	534849
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.8	11.7	17.5

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#50

Dimethylphthalate

Concen: 39.887 ng

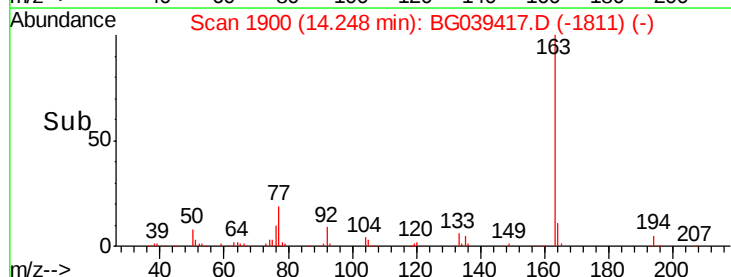
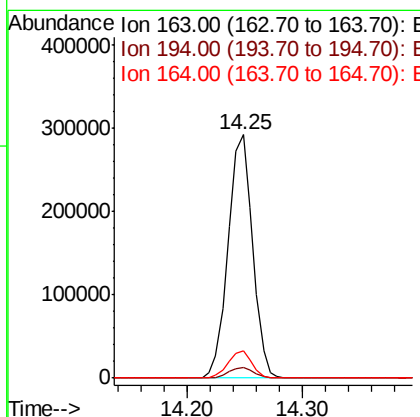
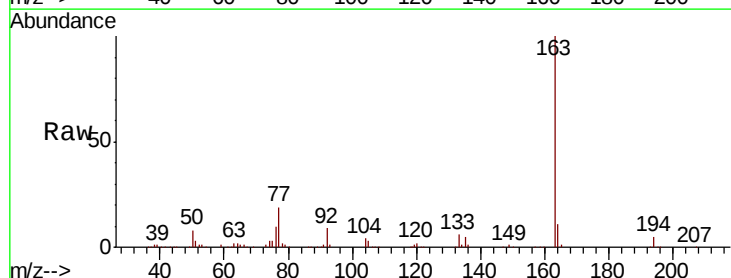
RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	163	Resp:	427412
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	11.0	8.4	12.6





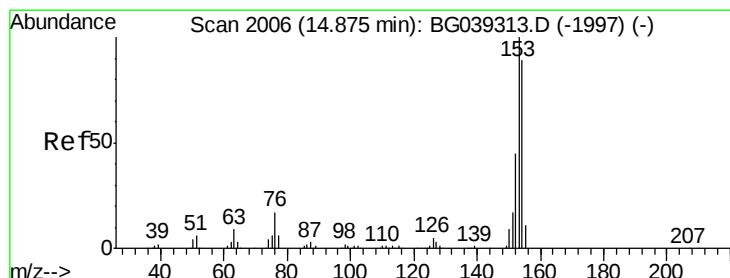
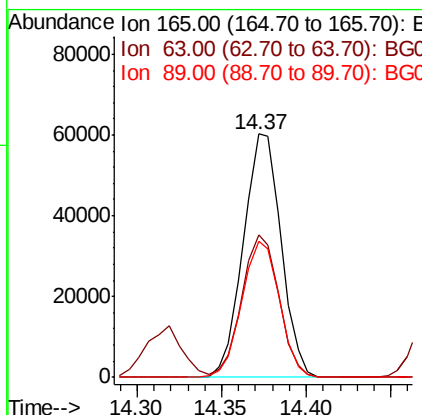
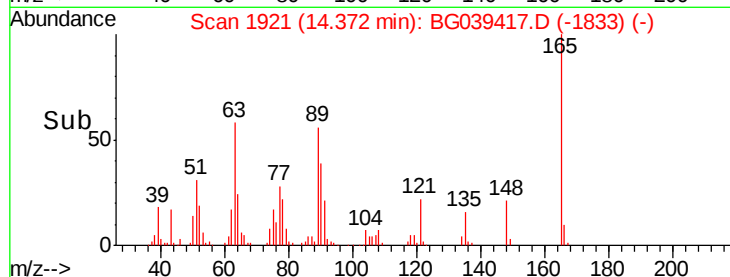
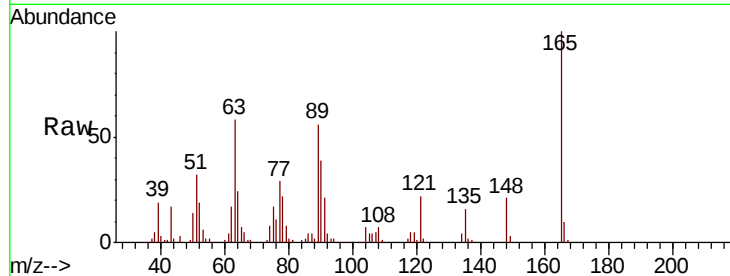
#51
2,6-Dinitrotoluene
Concen: 46.948 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.4	47.0	70.6
89	55.7	45.8	68.8

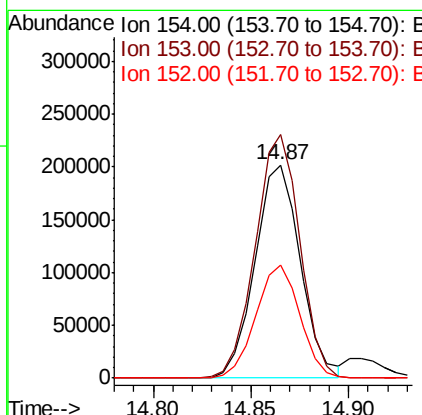
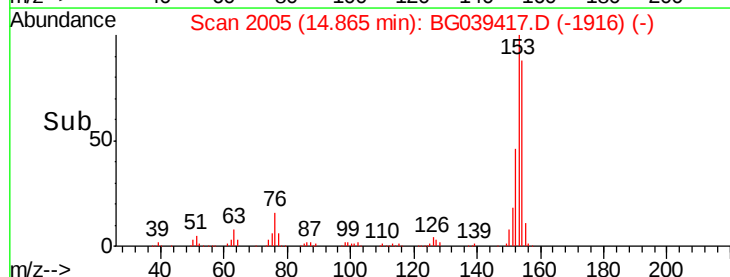
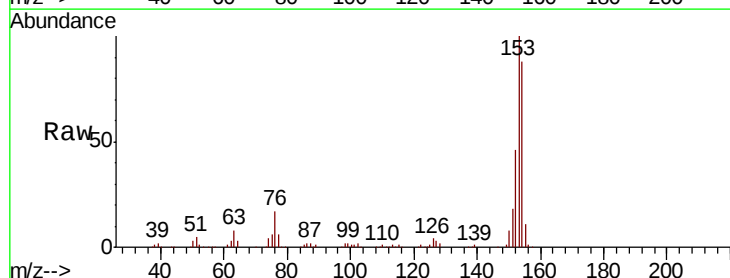
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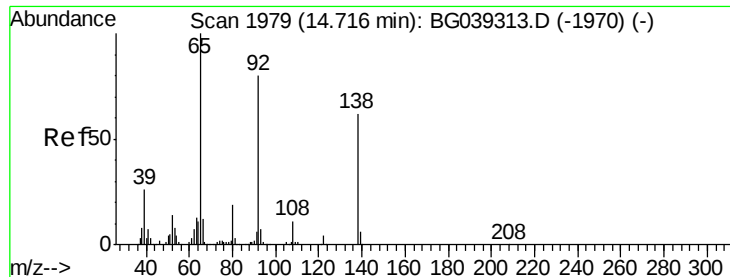
Sohil
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#52
Acenaphthene
Concen: 40.052 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.1	135.1
152	52.9	40.9	61.3





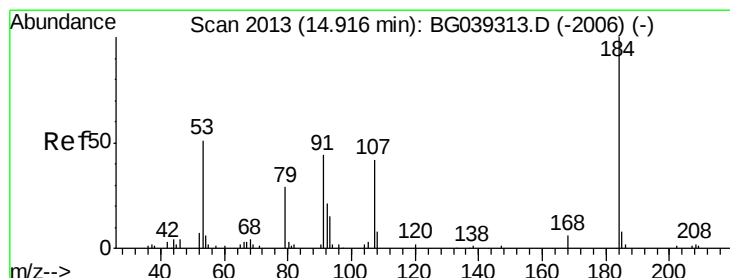
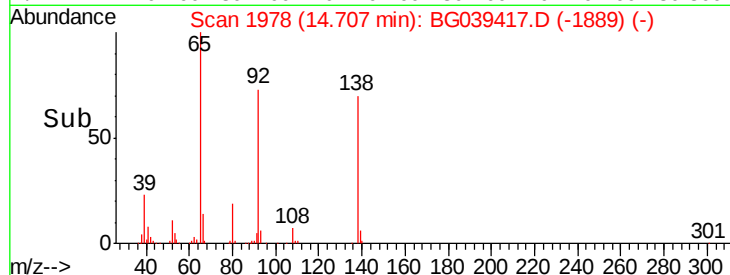
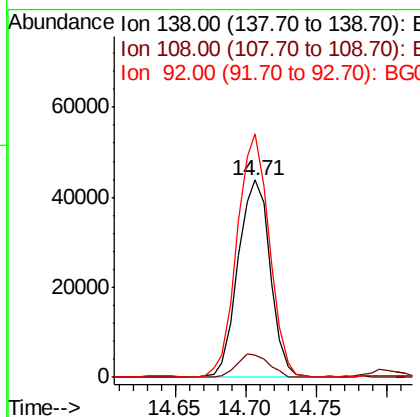
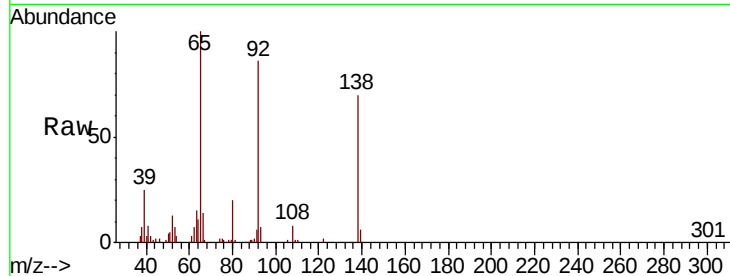
#53
3-Nitroaniline
Concen: 34.211 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion:138 Resp: 69838
Ion Ratio Lower Upper
138 100
108 11.1 13.8 20.8#
92 123.6 103.7 155.5

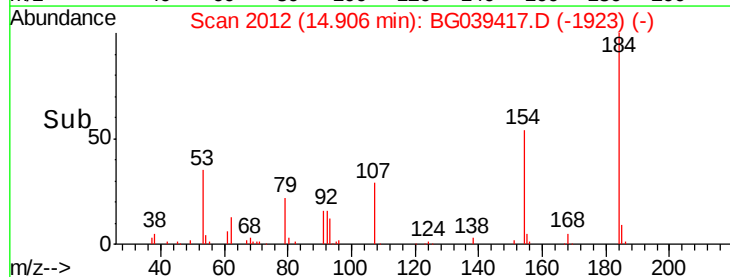
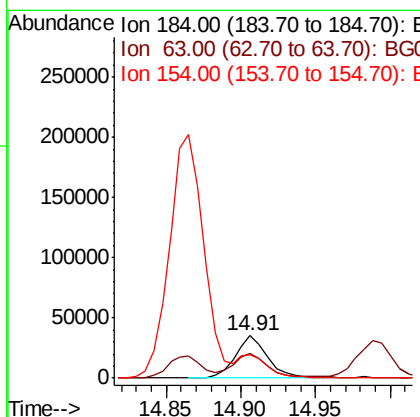
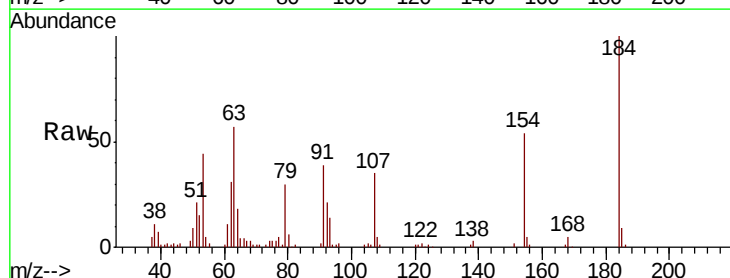
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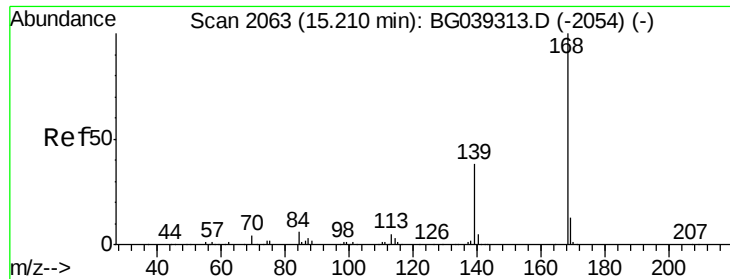
Sohil
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#54
2,4-Dinitrophenol
Concen: 66.231 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:184 Resp: 53683
Ion Ratio Lower Upper
184 100
63 57.4 50.9 76.3
154 54.2 53.0 79.6





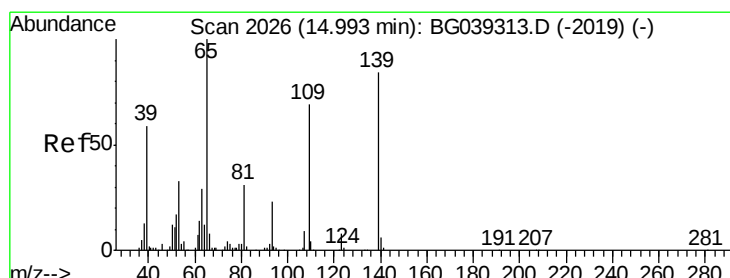
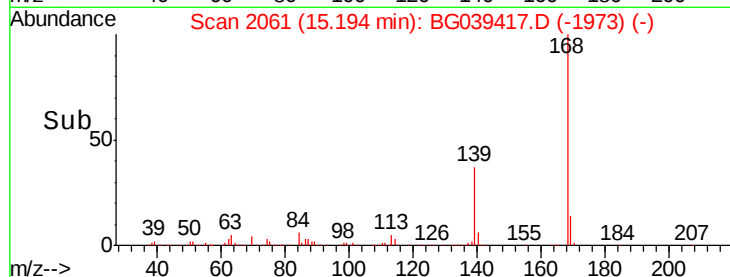
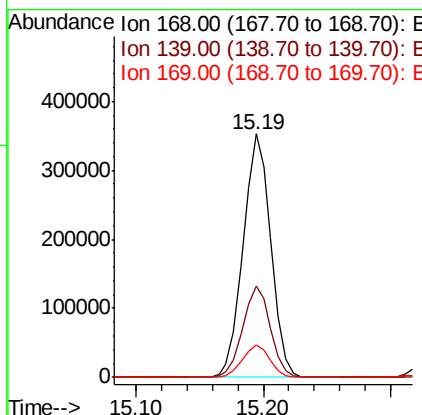
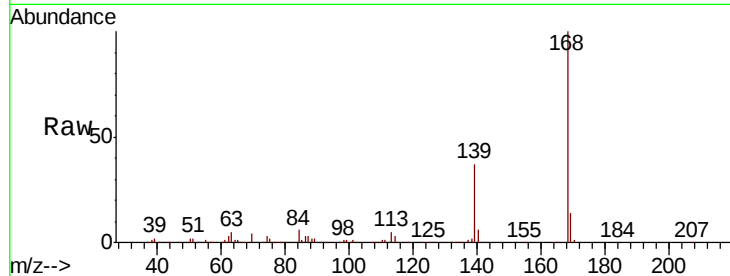
#55
Dibenzofuran
Concen: 40.757 ng
RT: 15.19 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	13.5	10.6	16.0

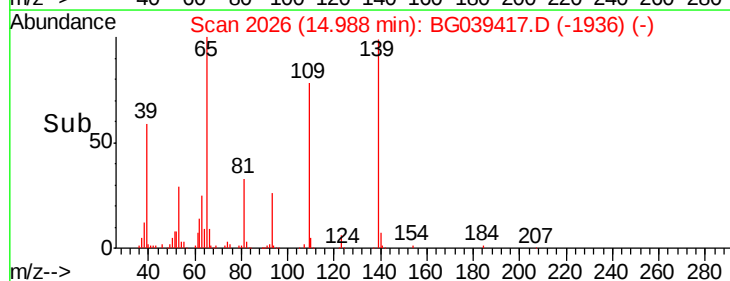
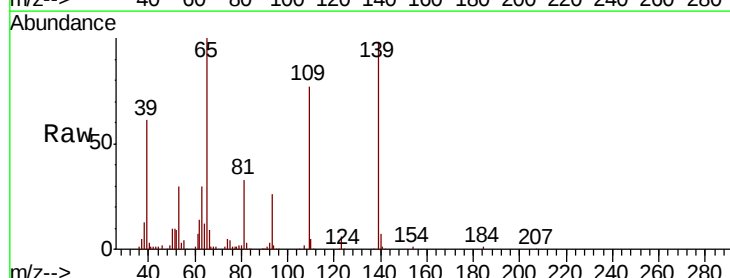
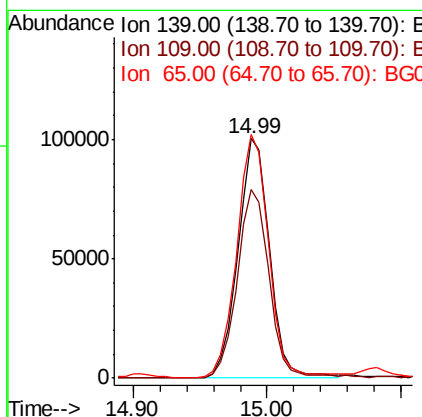
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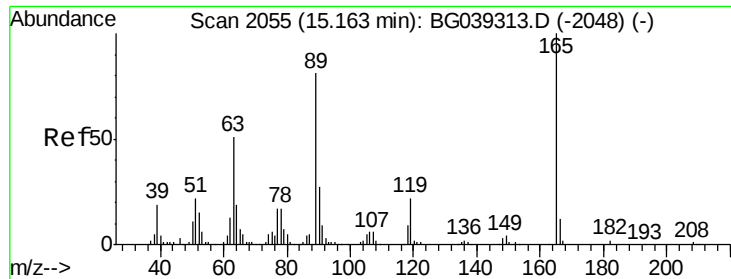
Sohil
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#56
4-Nitrophenol
Concen: 84.142 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.6	61.9	101.9
65	101.8	99.1	139.1





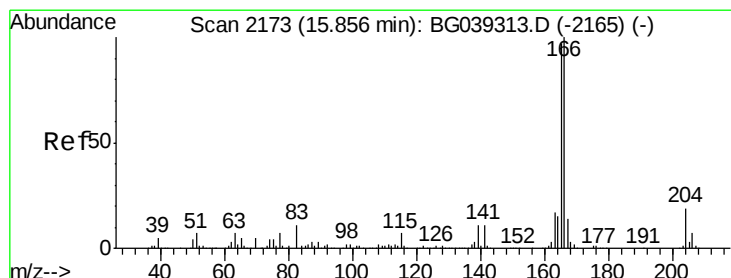
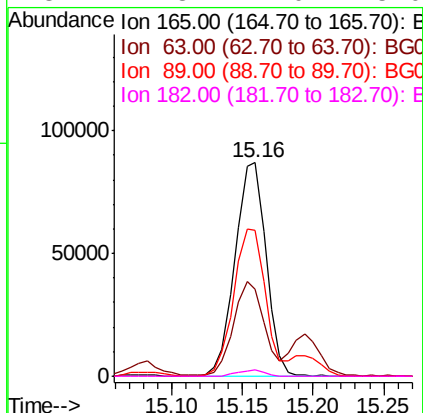
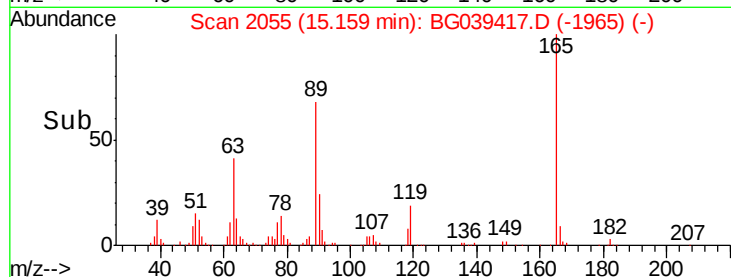
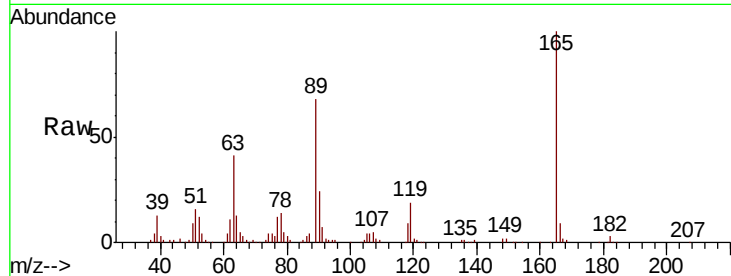
#57
2,4-Dinitrotoluene
Concen: 51.552 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	40.9	41.0	61.6#
89	68.2	64.6	96.8
182	2.8	2.0	3.0

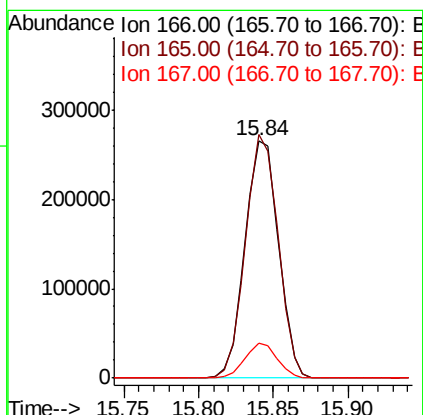
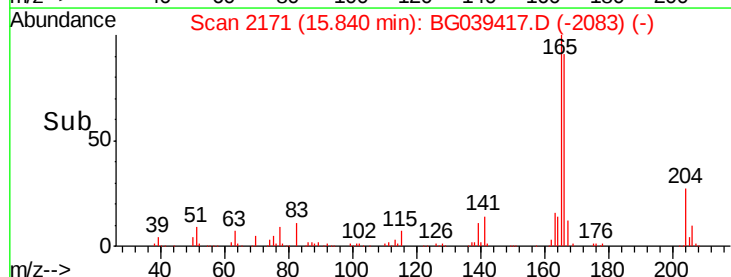
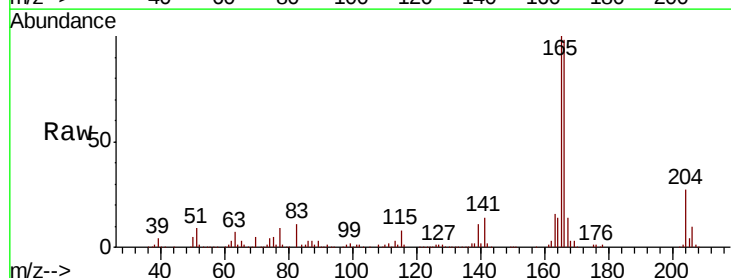
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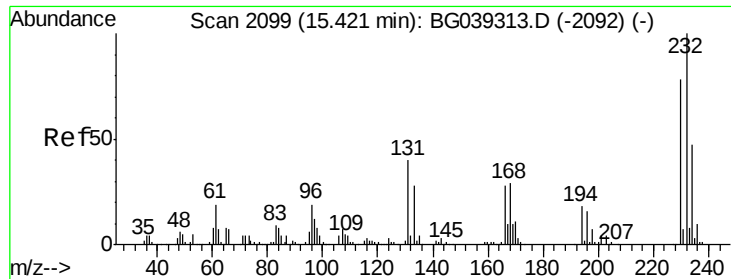
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#58
Fluorene
Concen: 42.359 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	102.4	77.9	116.9
167	14.6	10.8	16.2





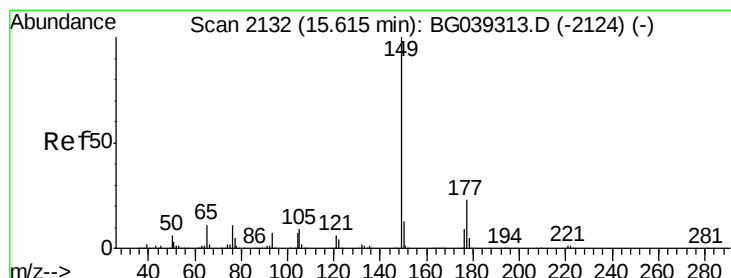
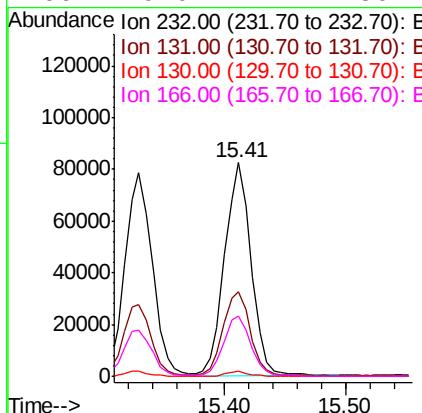
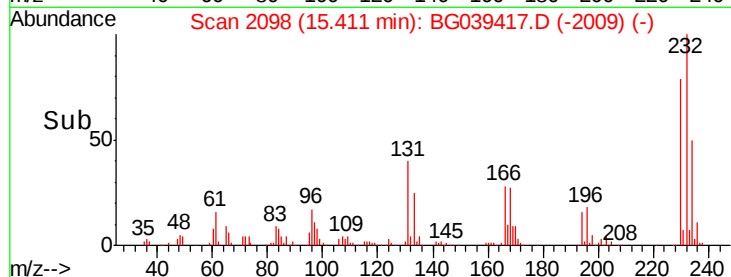
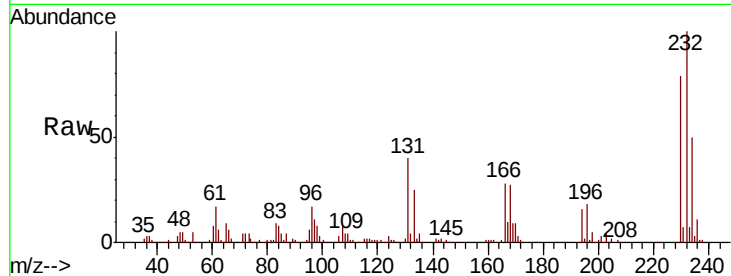
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.470 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	126004		
131	41.4		34.9	52.3
130	1.9		2.0	3.0
166	29.0		24.1	36.1

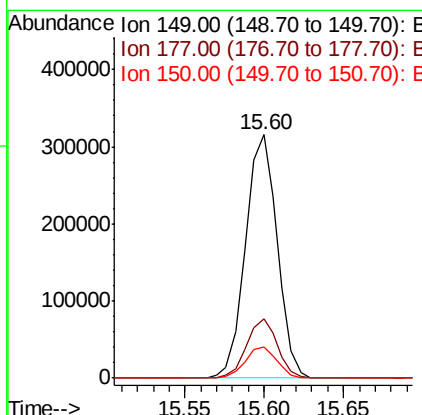
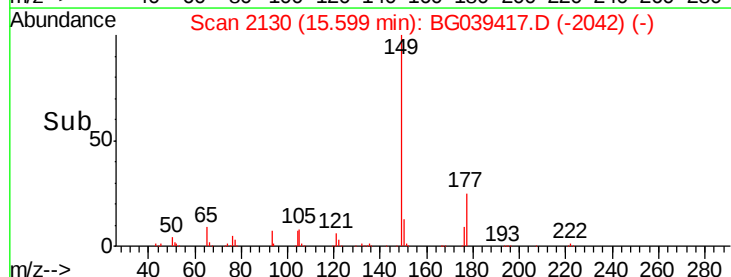
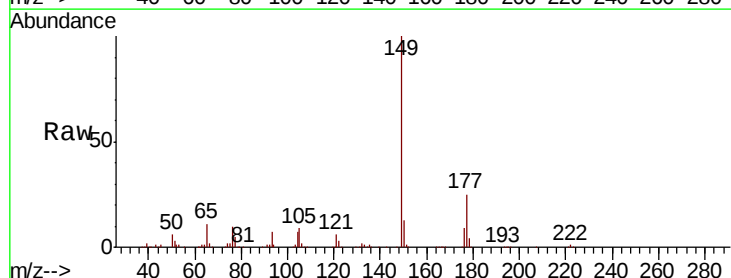
Manual Integrations
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 2/11/2019 10:13:43 AM



#60
 Diethylphthalate
 Concen: 39.414 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	436673		
177	24.5		18.3	27.5
150	12.6		10.2	15.2





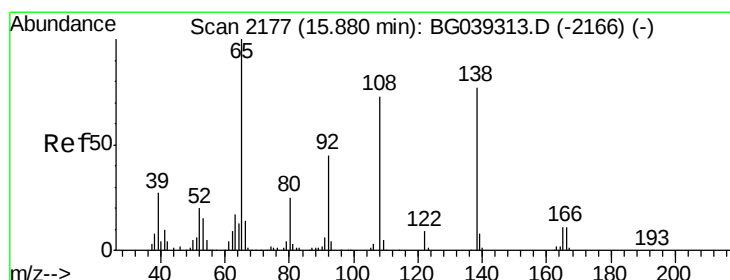
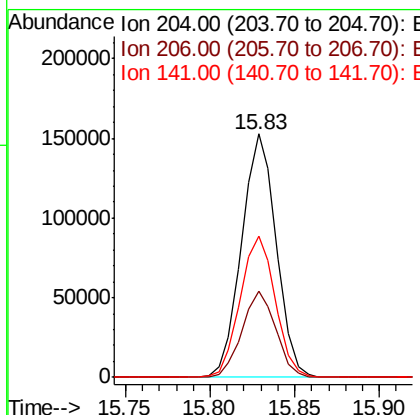
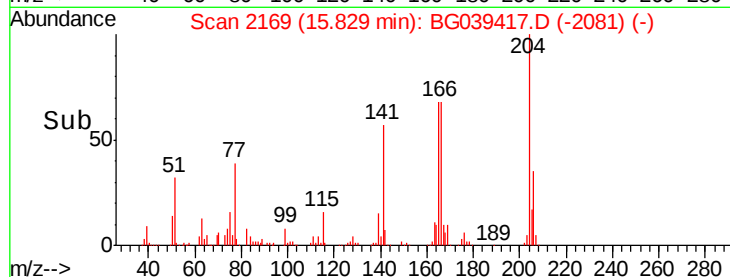
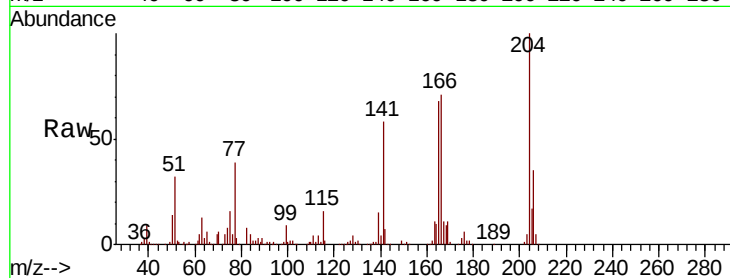
#61
4-Chlorophenyl-phenylether
Concen: 39.504 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	29.2	43.8
141	57.8	49.0	73.4

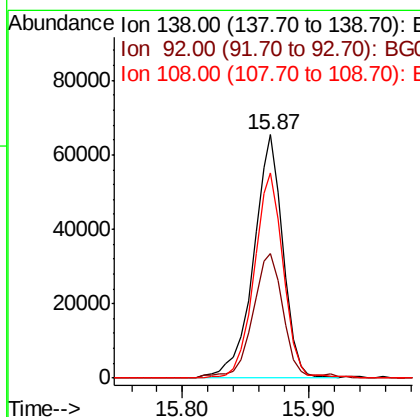
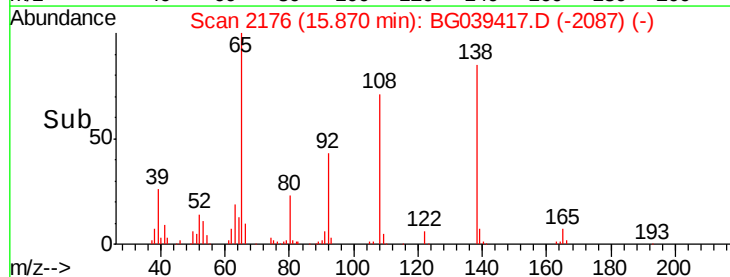
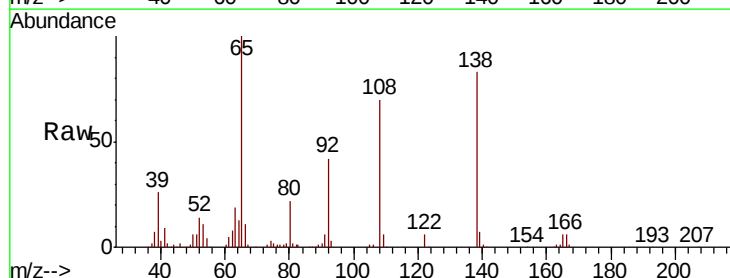
Manual Integrations
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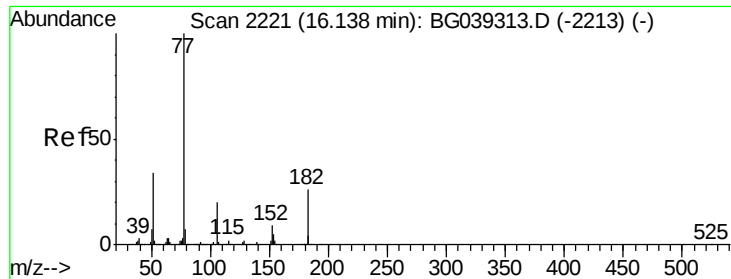
Sohil
2/11/2019 10:13:43 AM



#62
4-Nitroaniline
Concen: 47.010 ng
RT: 15.87 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	38.7	78.7
108	84.3	74.6	114.6





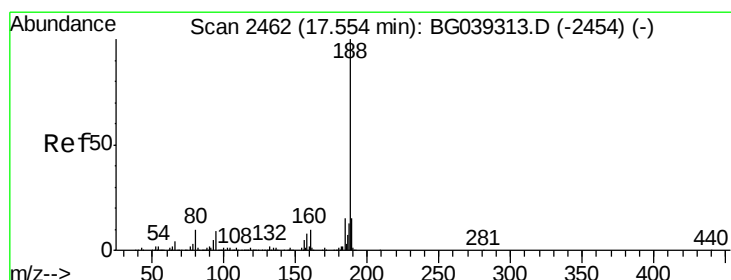
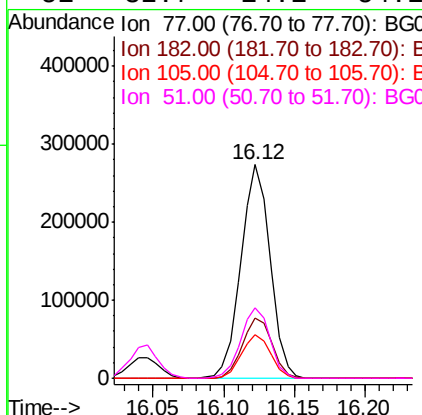
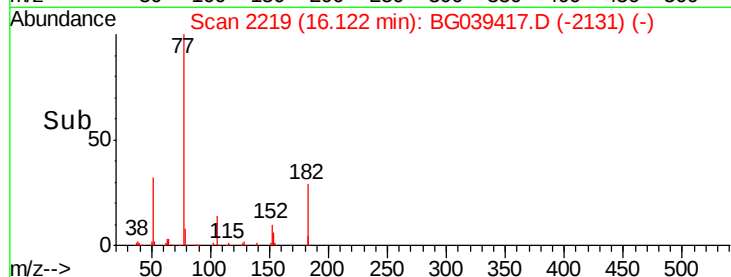
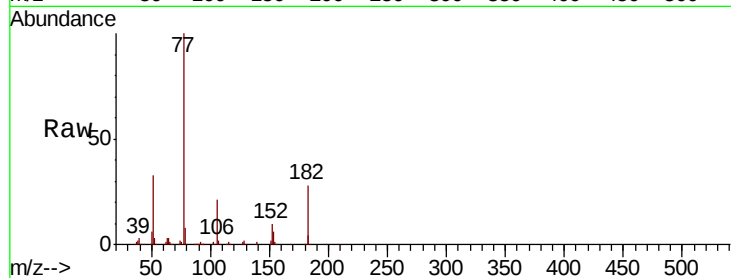
#63
Azobenzene
Concen: 36.568 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	6.4	46.4
105	20.7	0.0	39.8
51	32.7	14.1	54.1

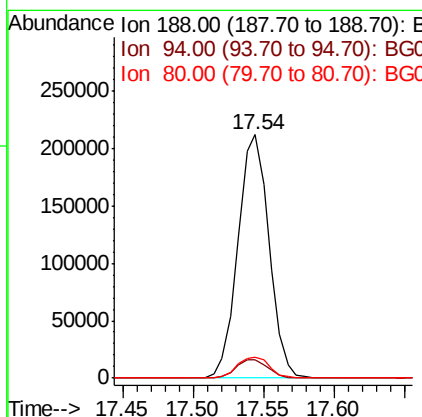
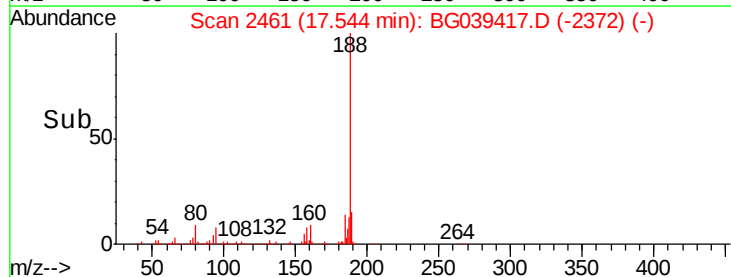
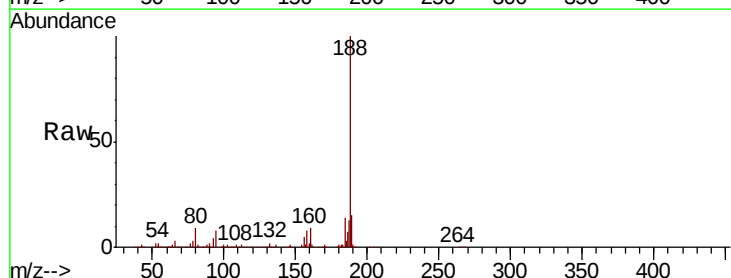
Manual Integrations
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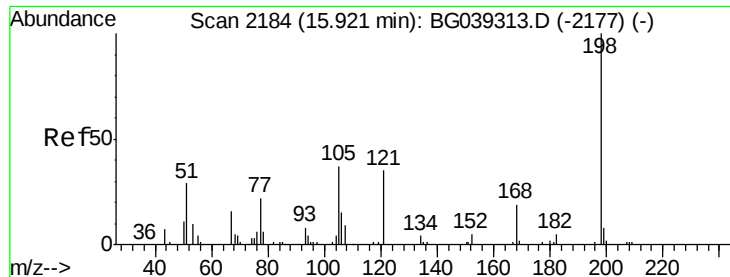
Sohil
2/11/2019 10:13:43 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.7	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.058 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

Tot Ion:198 Resp: 51279

Ion Ratio Lower Upper

198 100

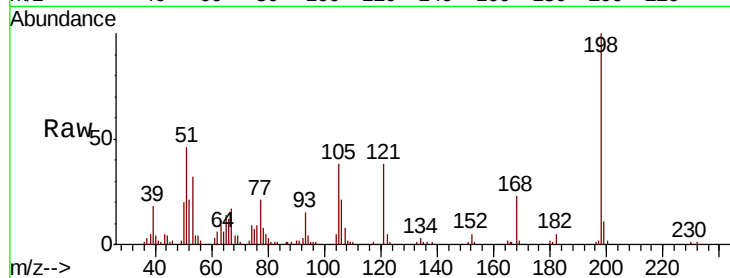
51 46.0 27.4 67.4

105 38.3 19.7 59.7

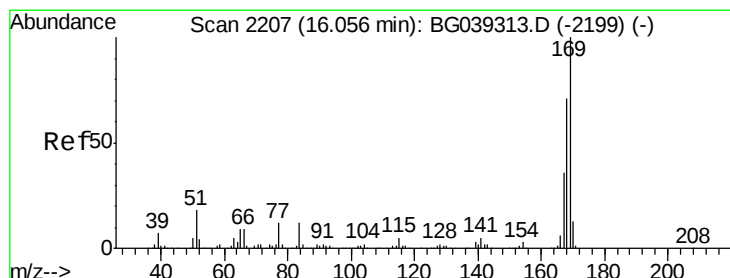
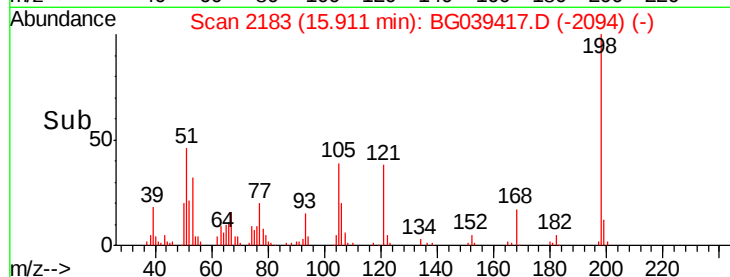
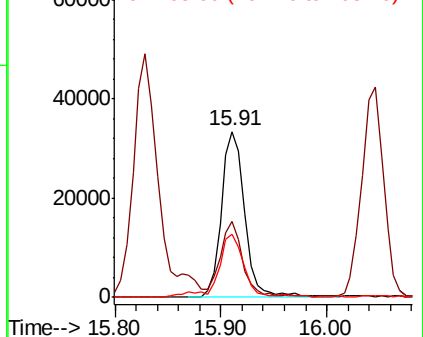
Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.547 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

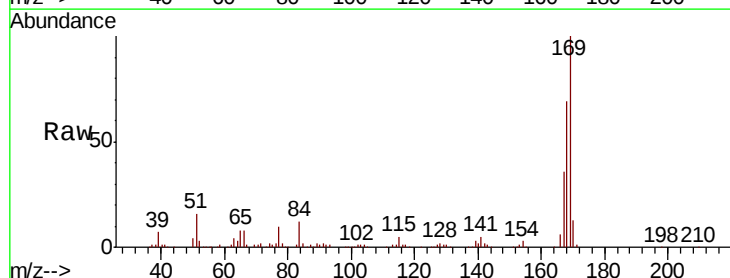
Tgt Ion:169 Resp: 382587

Ion Ratio Lower Upper

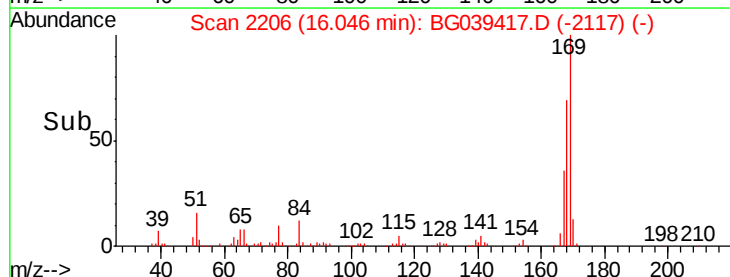
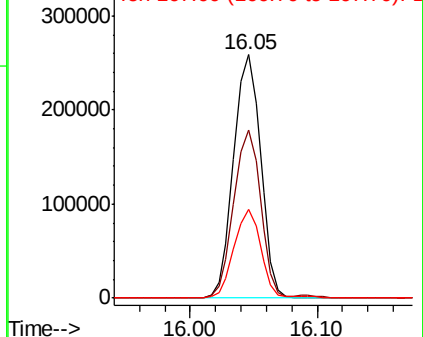
169 100

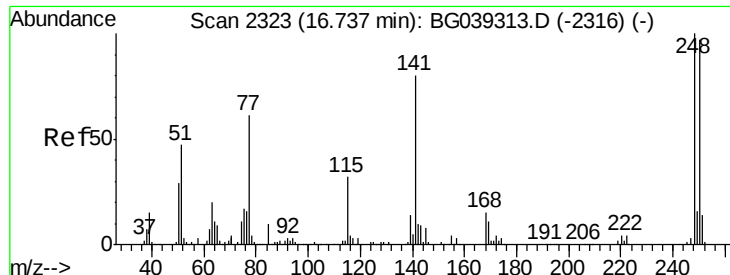
168 68.8 56.6 85.0

167 36.5 28.8 43.2



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





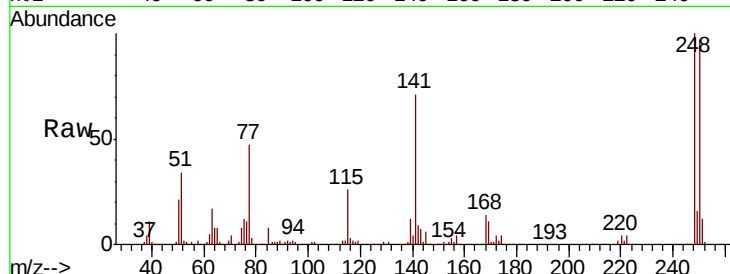
#67
4-Bromophenyl-phenylether
Concen: 39.598 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampled :
PB116935BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.6	116.4
141	70.9	63.9	95.9

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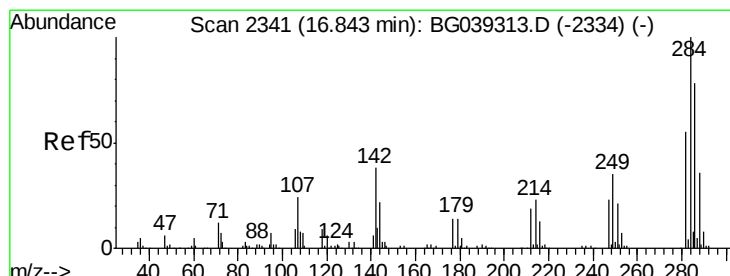
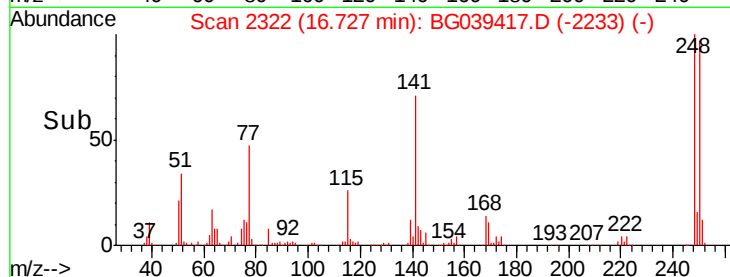
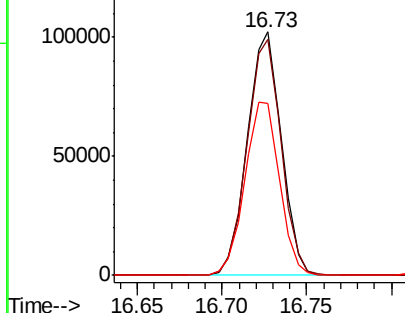


Abundance

Ion 248.00 (247.70 to 248.70): E

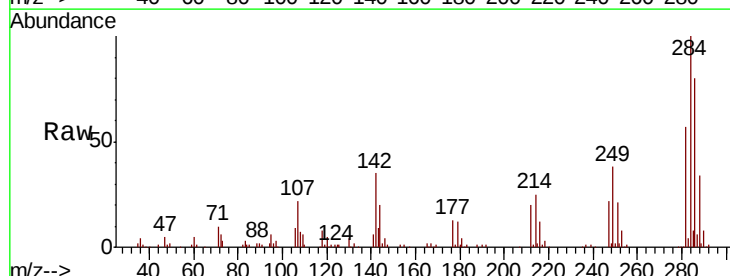
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.485 ng
RT: 16.83 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	30.6	45.8
249	38.3	28.2	42.2

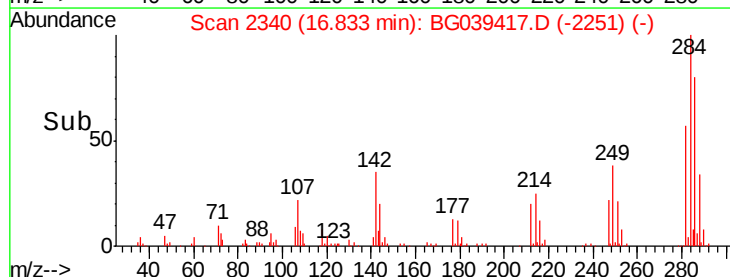
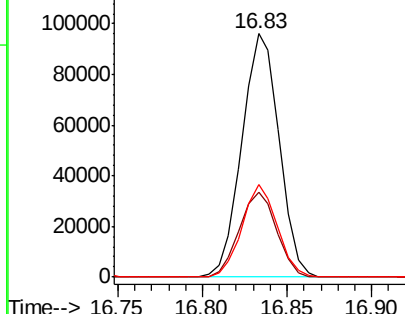


Abundance

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





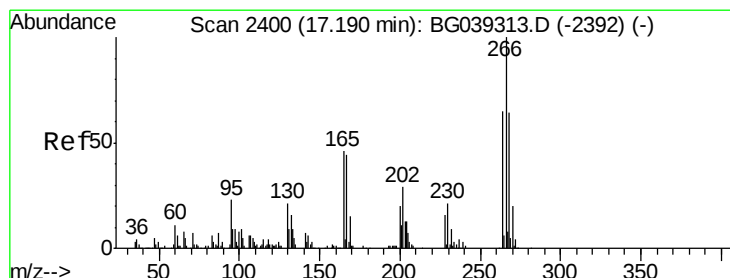
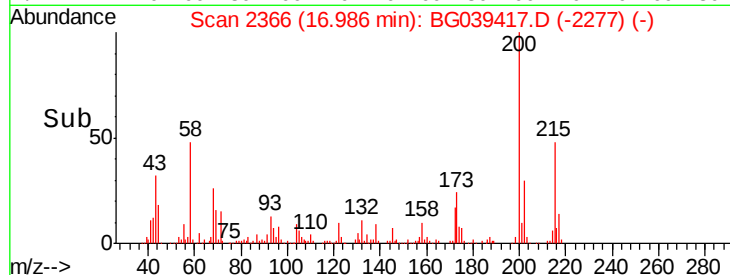
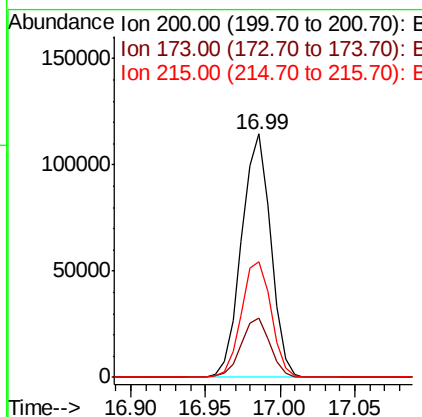
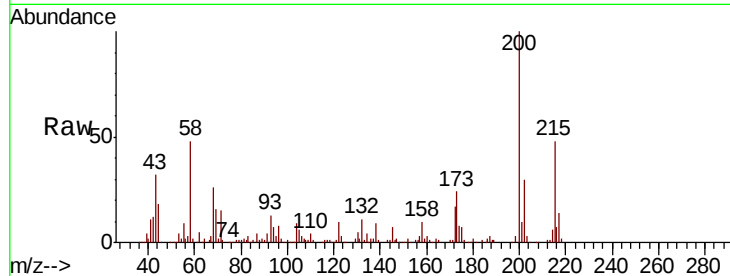
#69
Atrazine
Concen: 42.725 ng
RT: 16.99 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	3.9	43.9
215	47.5	30.9	70.9

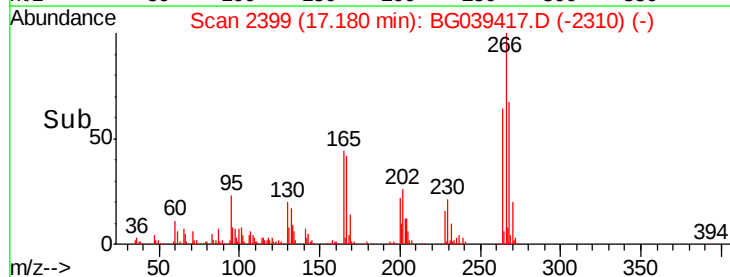
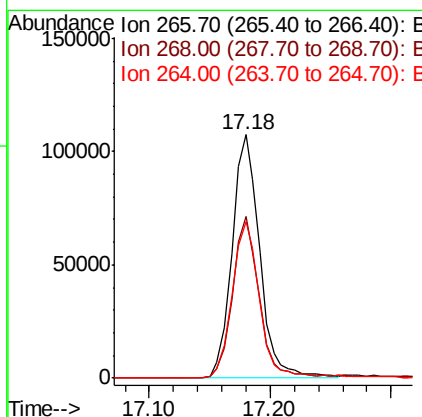
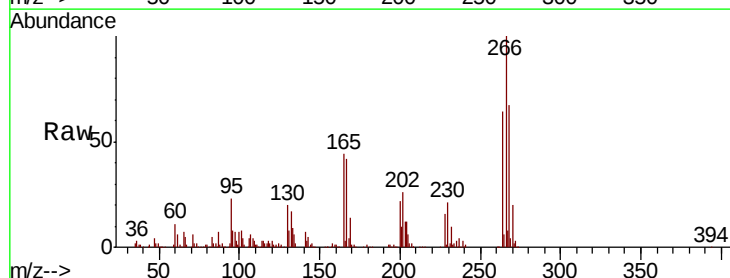
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#70
Pentachlorophenol
Concen: 68.053 ng
RT: 17.18 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	64.3	52.1	78.1





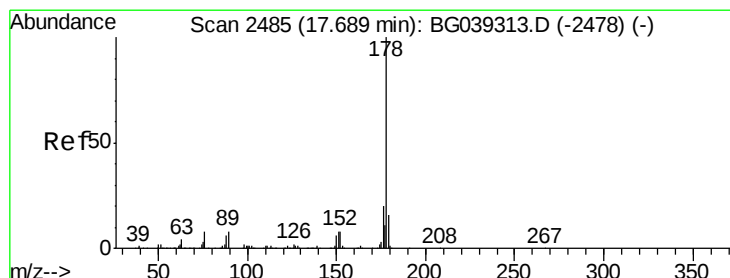
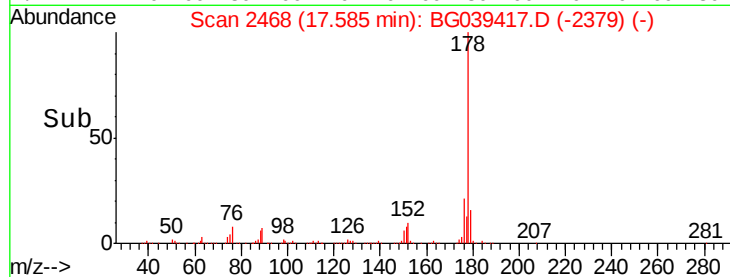
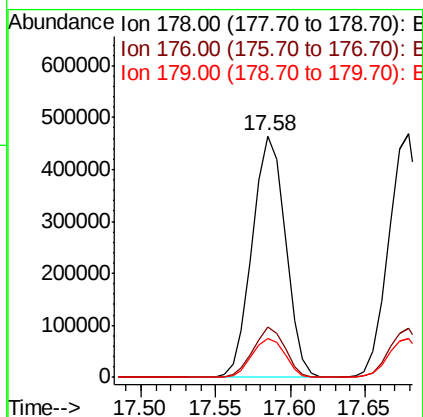
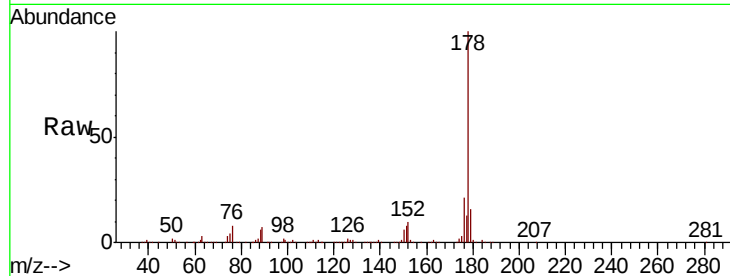
#71
Phenanthrene
Concen: 42.167 ng
RT: 17.58 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.4
179	16.3	12.6	19.0

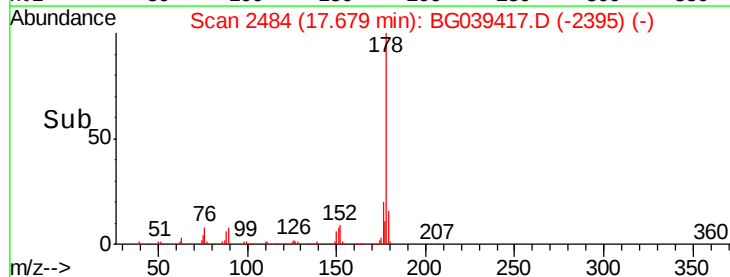
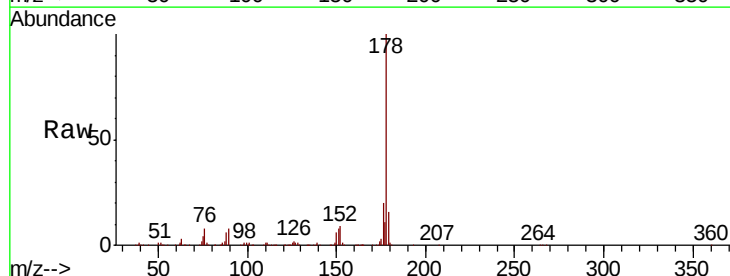
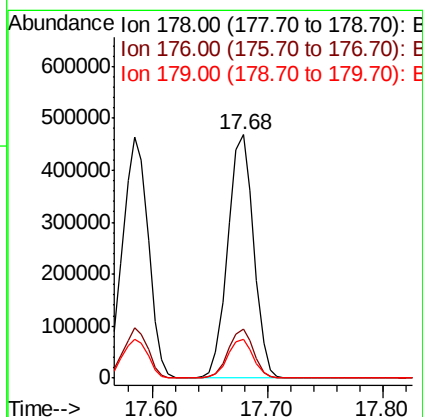
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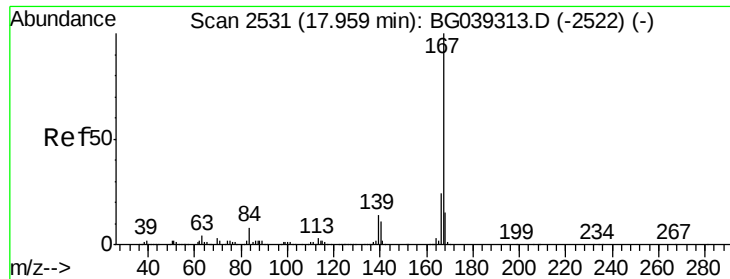
Sohil
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#72
Anthracene
Concen: 43.559 ng
RT: 17.68 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

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





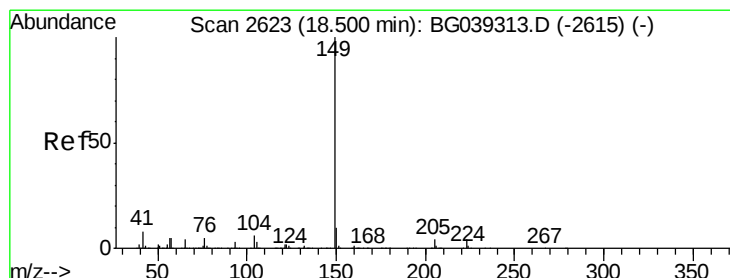
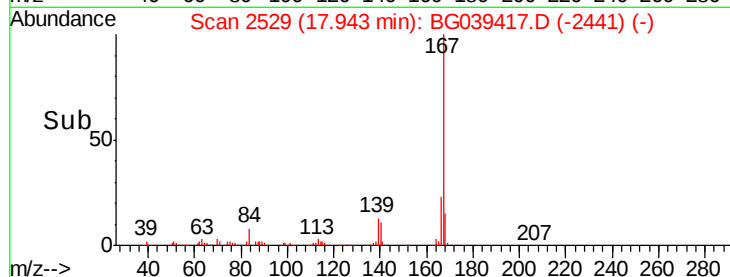
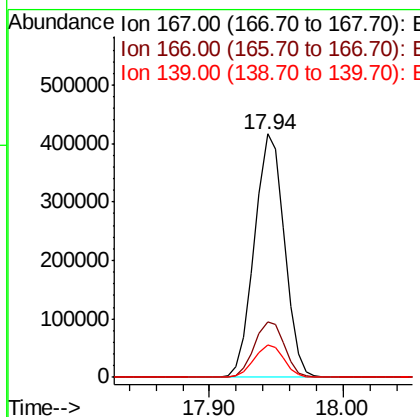
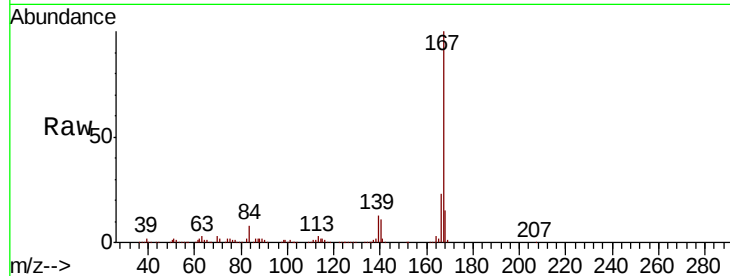
#73
 Carbazole
 Concen: 38.605 ng
 RT: 17.94 min Scan# 2529
 Delta R.T. -0.02 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.2
139	13.2	10.8	16.2

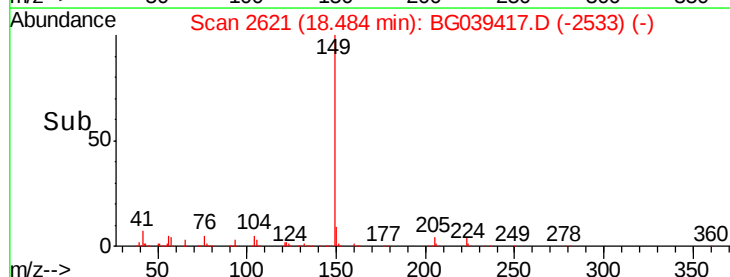
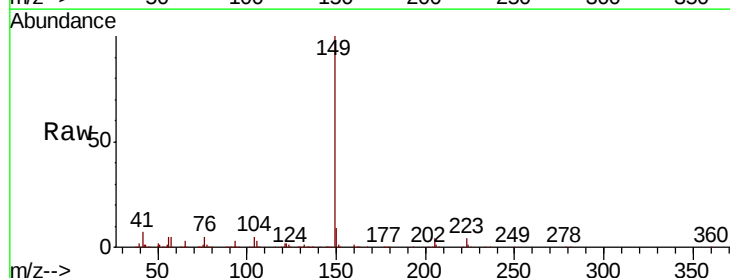
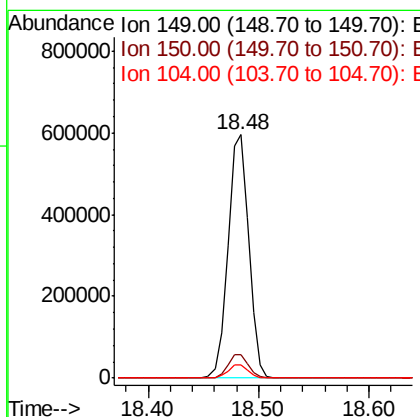
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 40.389 ng
 RT: 18.48 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 45.025 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

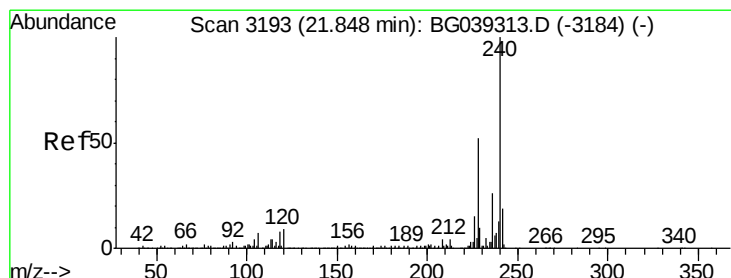
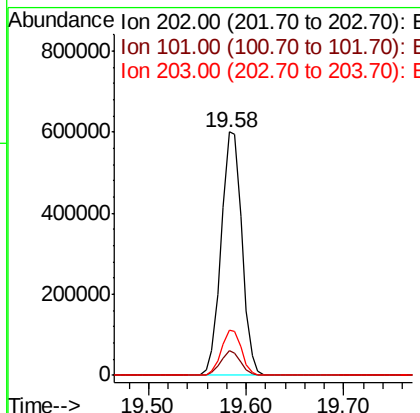
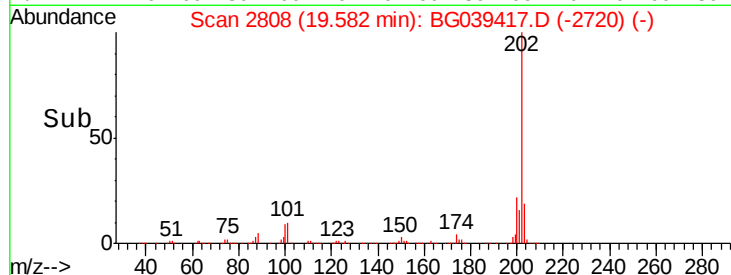
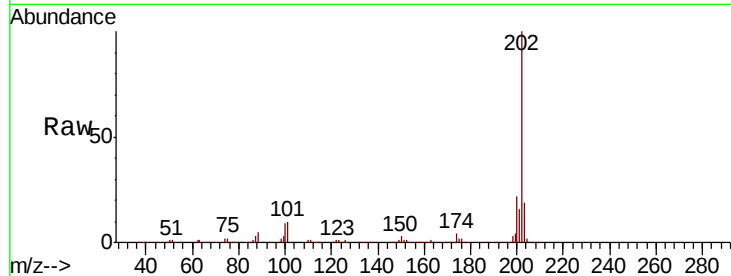
ClientSampleId :

PB116935BS

Tot Ion:	202	Resp:	882912
Ion Ratio		Lower	Upper
202	100		
101	10.1	0.0	30.0
203	18.8	0.0	38.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

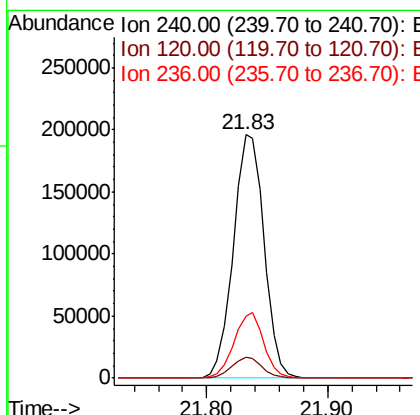
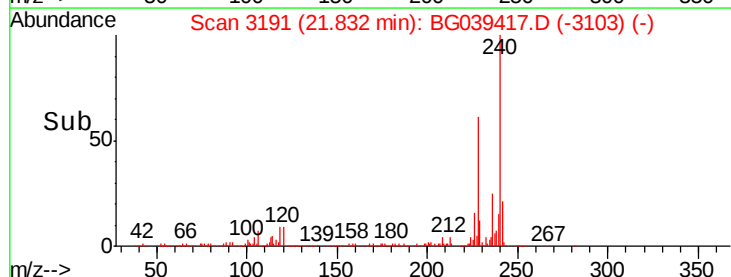
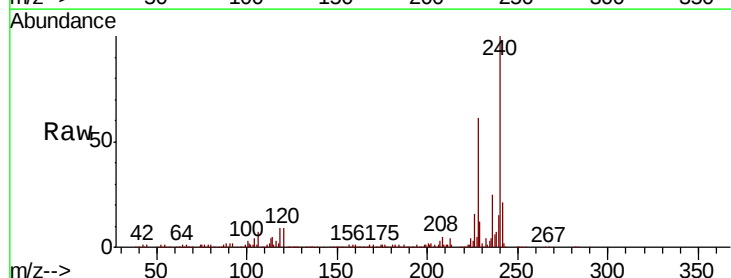
RT: 21.83 min Scan# 3191

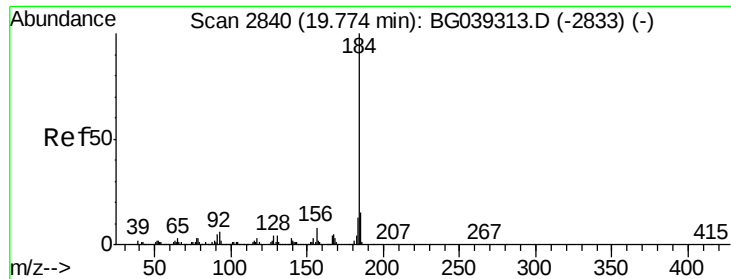
Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	240	Resp:	346902
Ion Ratio		Lower	Upper
240	100		
120	8.7	7.0	10.6
236	25.4	21.0	31.4





#77

Benzidine

Concen: 39.995 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

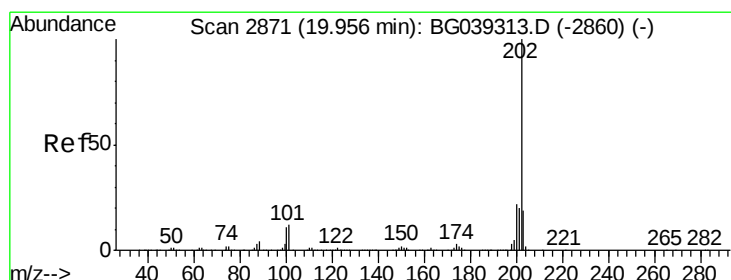
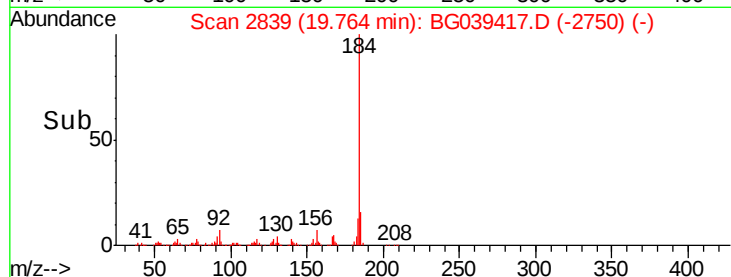
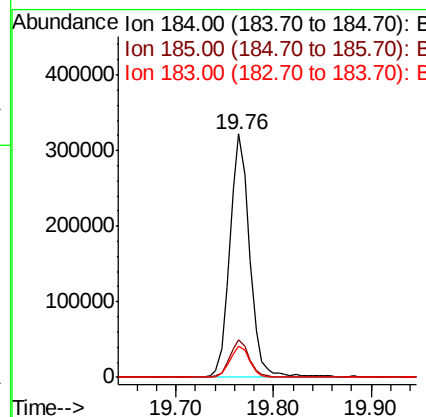
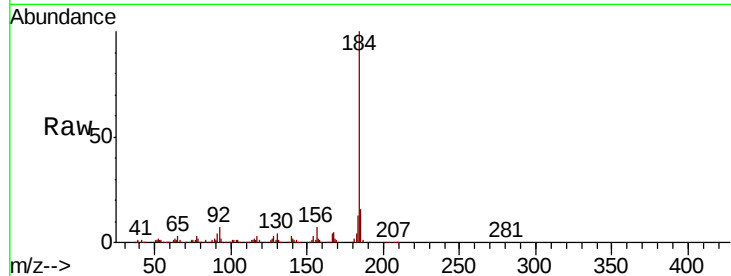
ClientSampleId :

PB116935BS

Tot Ion:	184	Resp:	454875
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.2	18.2
183	12.6	10.6	15.8

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#78

Pyrene

Concen: 41.218 ng

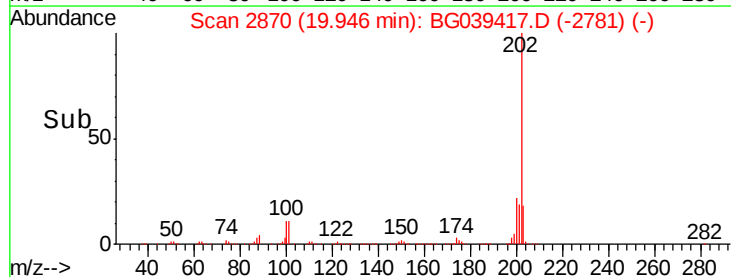
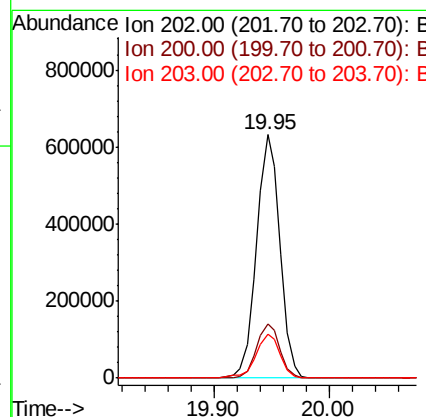
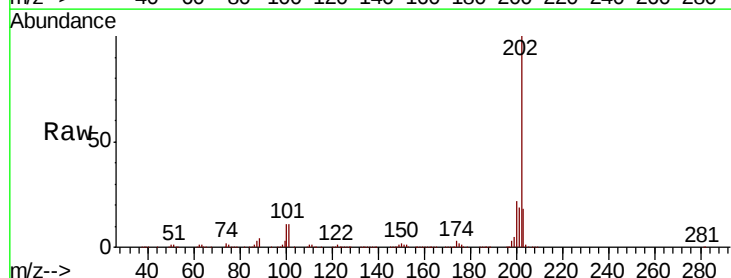
RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	202	Resp:	890119
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.8	26.8
203	18.0	15.3	22.9





#79

Terphenyl-d14

Concen: 79.674 ng

RT: 20.13 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

ClientSampleId :

PB116935BS

Tot Ion:244 Resp: 1305762

Ion Ratio Lower Upper

244 100

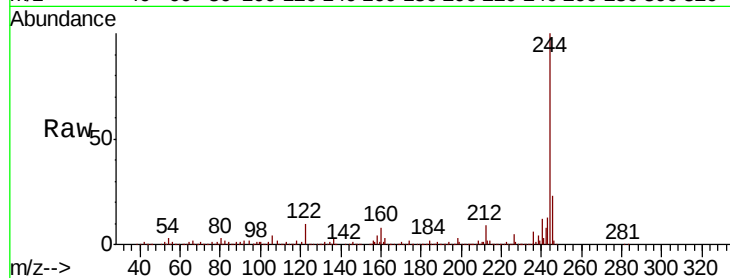
212 9.1 7.3 10.9

122 10.0 8.4 12.6

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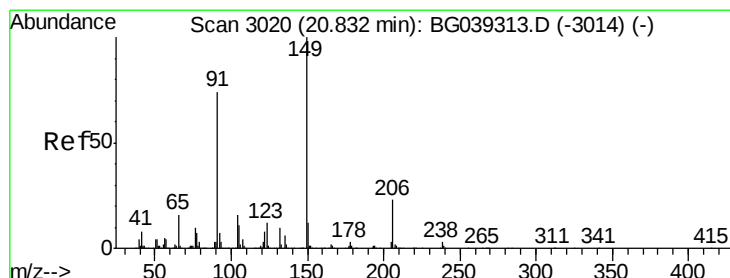
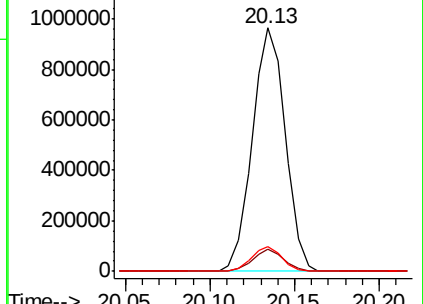
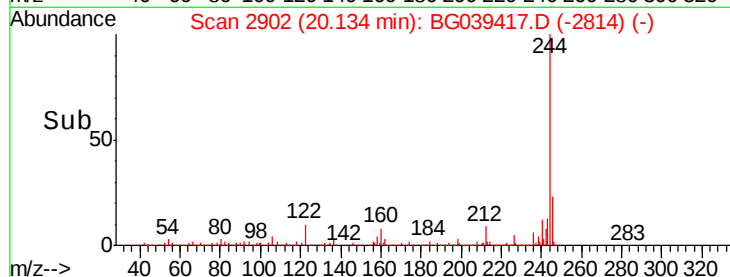
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.447 ng

RT: 20.82 min Scan# 3018

Delta R.T. -0.02 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

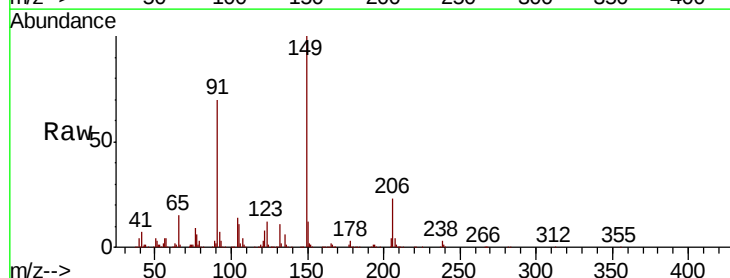
Tgt Ion:149 Resp: 368462

Ion Ratio Lower Upper

149 100

91 70.1 59.5 89.3

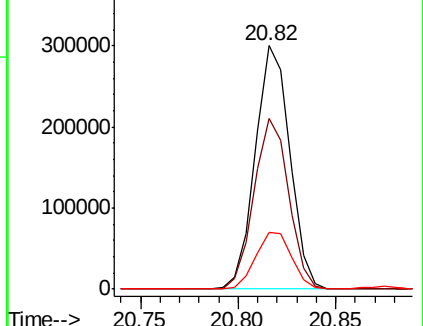
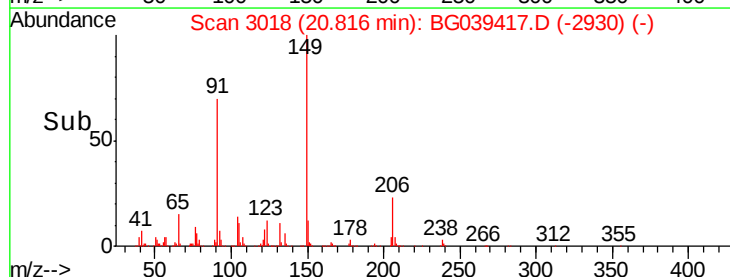
206 23.3 18.6 27.8

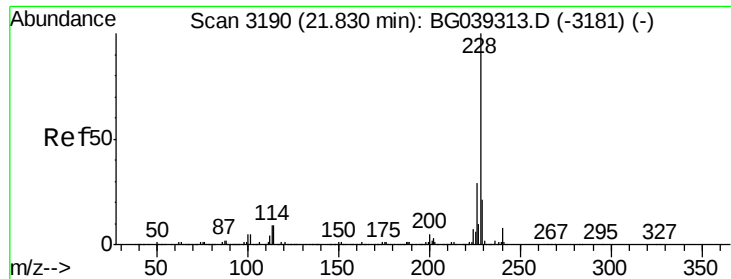


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





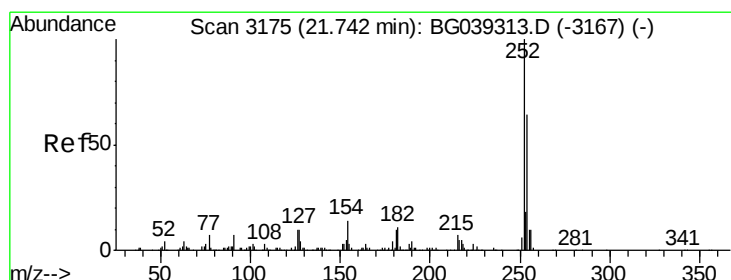
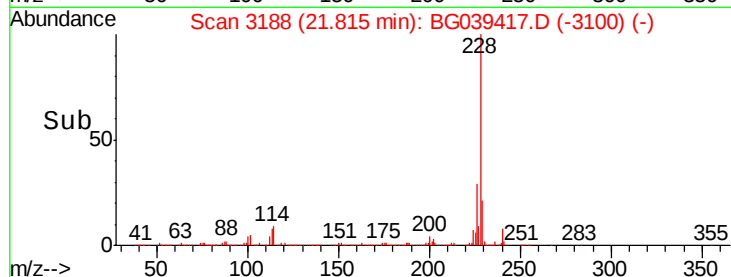
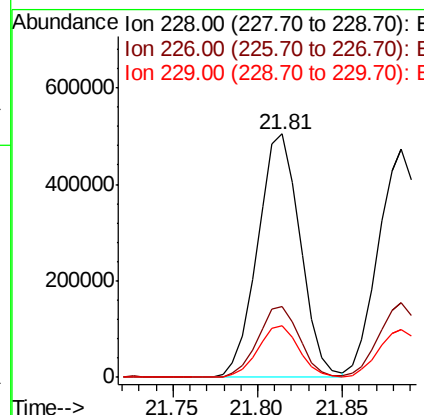
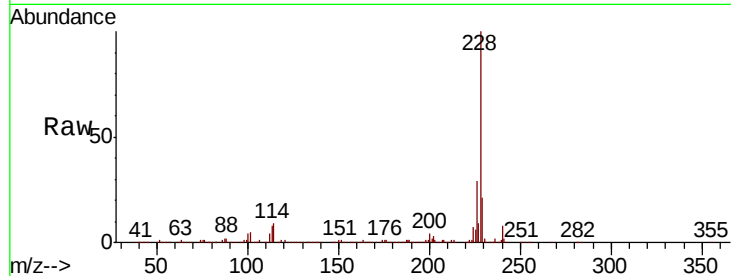
#81
Benzo(a)anthracene
Concen: 43.115 ng
RT: 21.81 min Scan# 3188
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.0	34.6
229	21.0	16.9	25.3

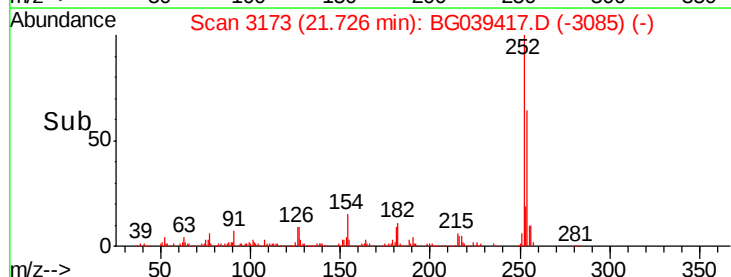
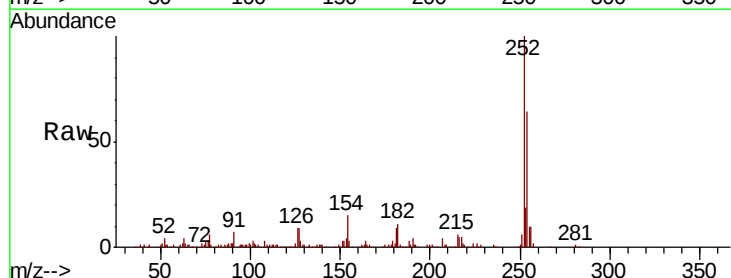
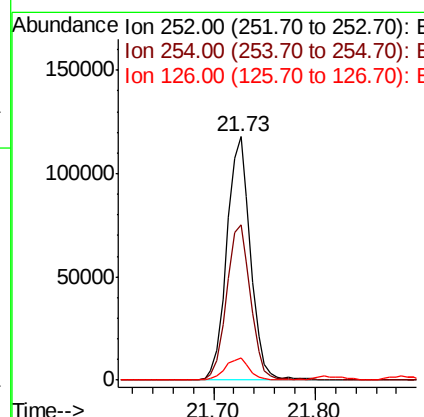
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#82
3,3'-Dichlorobenzidine
Concen: 25.044 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.02 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	9.1	8.0	12.0





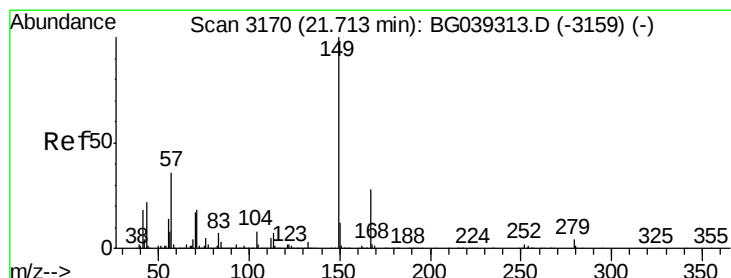
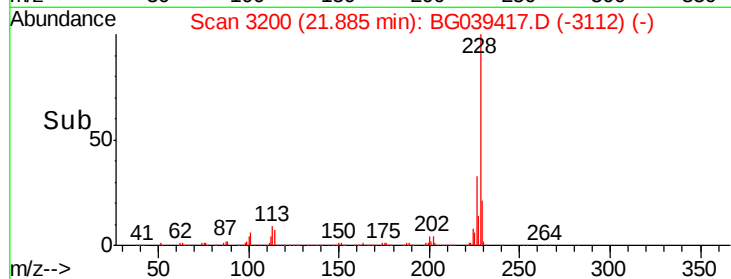
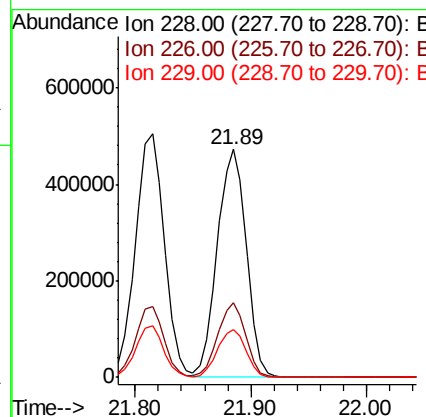
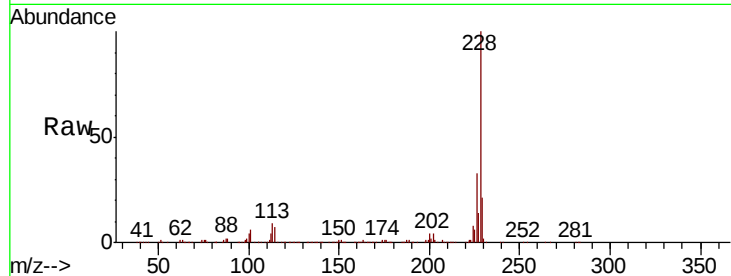
#83
 Chrysene
 Concen: 42.106 ng
 RT: 21.89 min Scan# 3200
 Delta R.T. -0.02 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Instrument :
 BNA_G
 ClientSampleId :
 PB116935BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.8	38.6
229	20.8	16.6	25.0

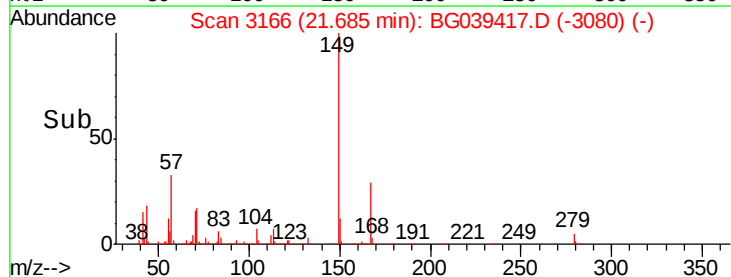
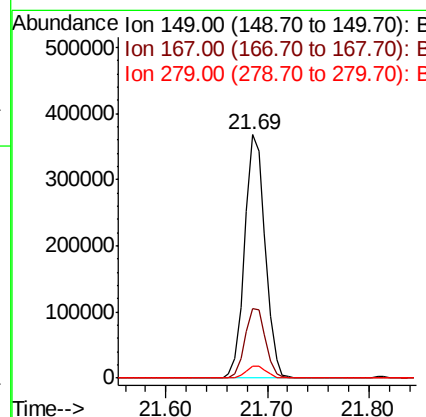
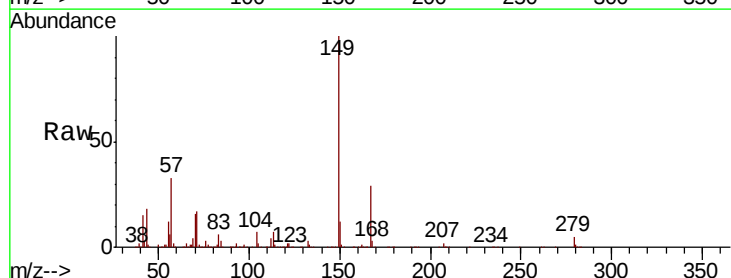
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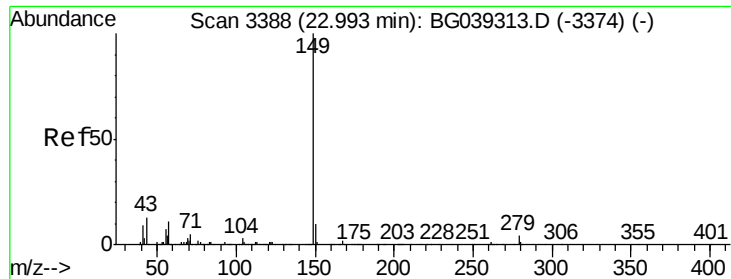
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.589 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.03 min
 Lab File: BG039417.D
 Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.6	34.0
279	4.7	3.5	5.3





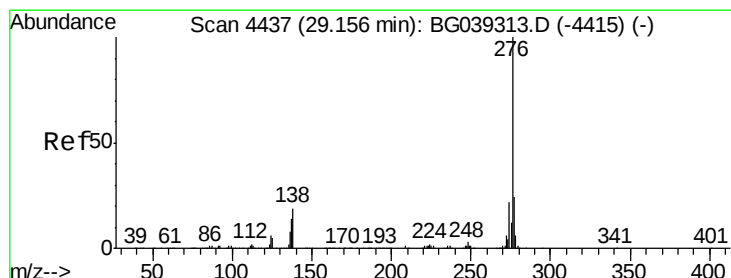
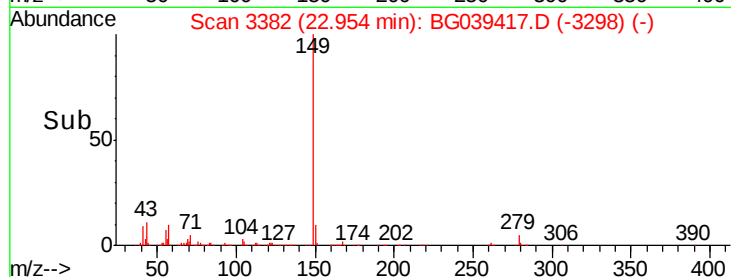
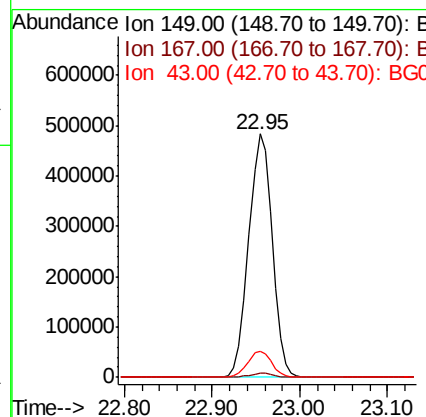
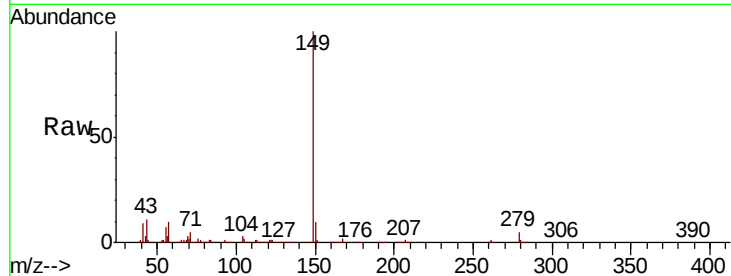
#85
Di-n-octyl phthalate
Concen: 41.066 ng
RT: 22.95 min Scan# 3382
Delta R.T. -0.04 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	881741		
167	1.6		1.3	1.9
43	11.0		10.2	15.4

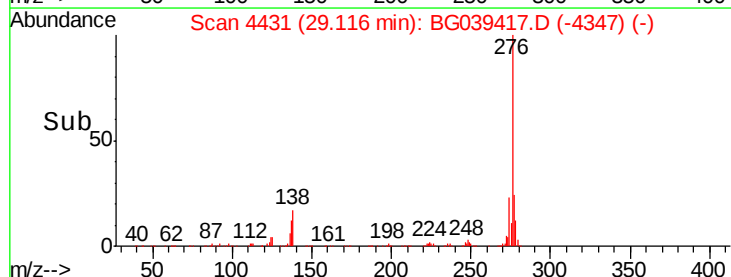
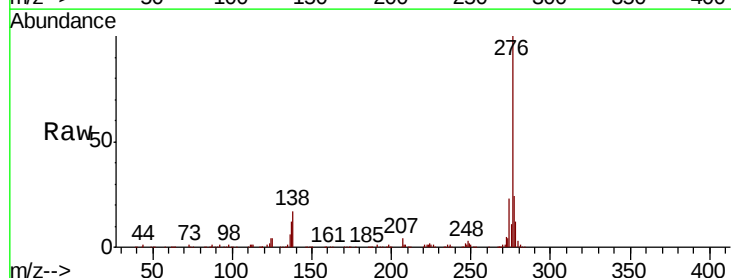
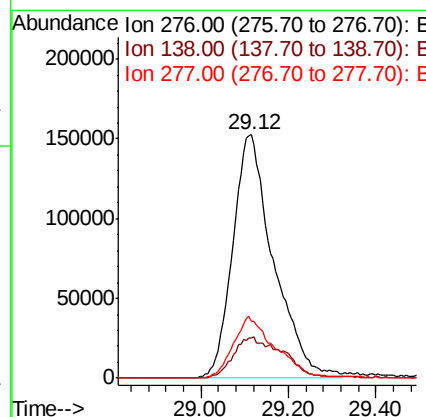
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.276 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.04 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	968816		
138	20.4		12.6	19.0#
277	25.6		20.8	31.2





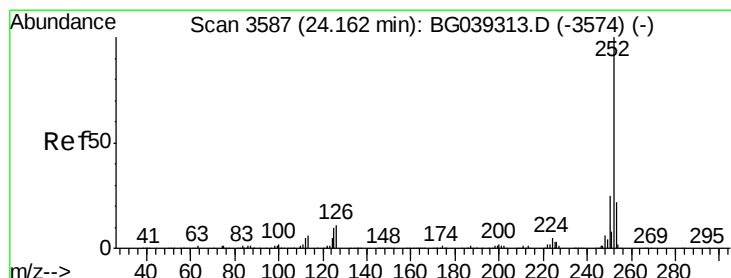
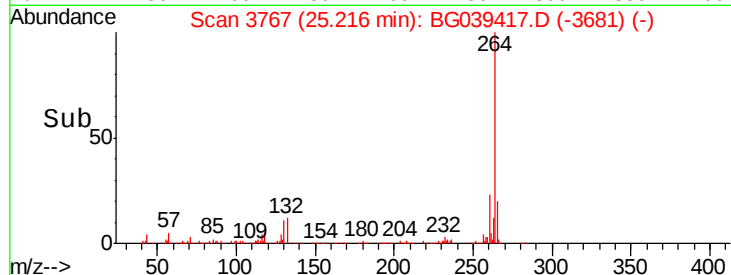
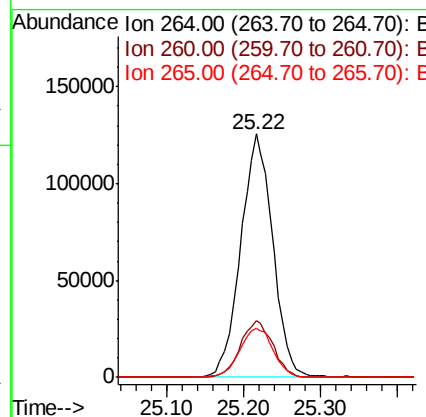
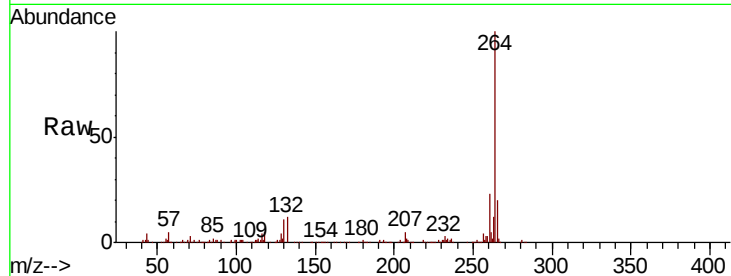
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.22 min Scan# 3767
Delta R.T. -0.03 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.1	18.5	27.7

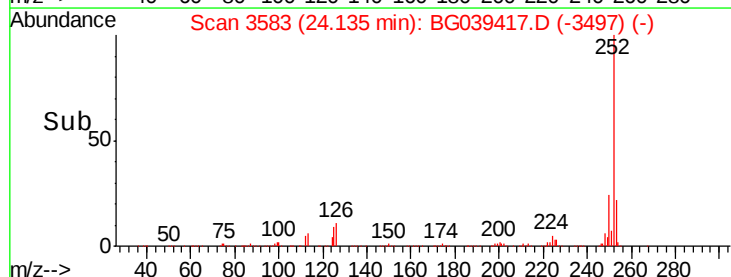
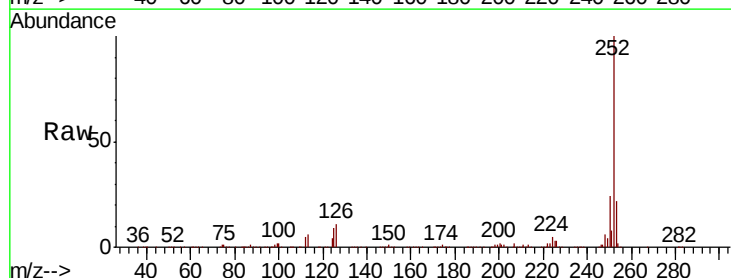
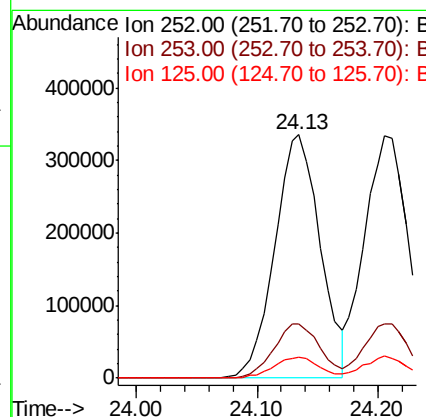
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#88
Benzo(b)fluoranthene
Concen: 43.831 ng
RT: 24.13 min Scan# 3583
Delta R.T. -0.03 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.8	7.8	11.6





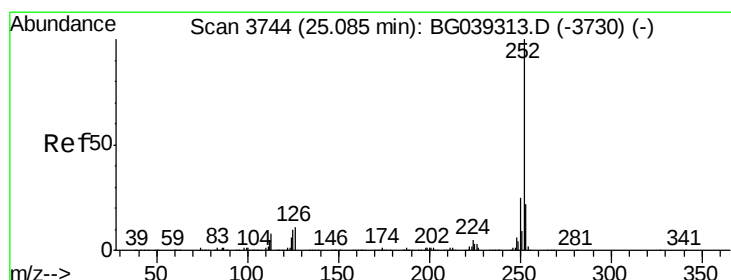
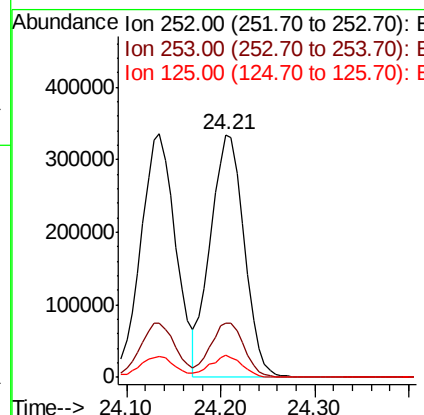
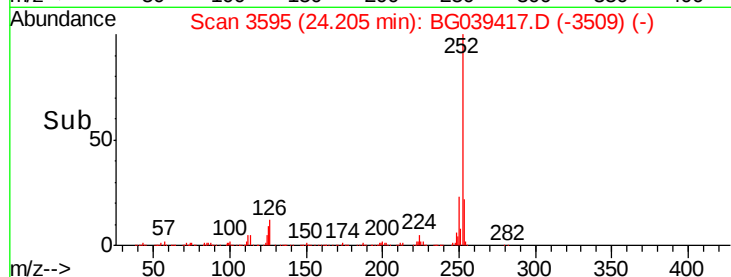
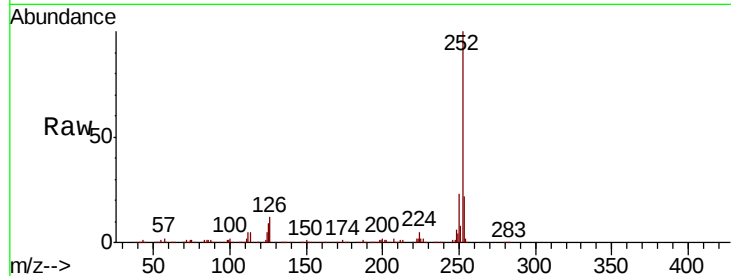
#89
Benzo(k)fluoranthene
Concen: 42.126 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.03 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Instrument :
BNA_G
ClientSampleId :
PB116935BS

Tot Ion:	252	Resp:	841412
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	9.0	7.4	11.2

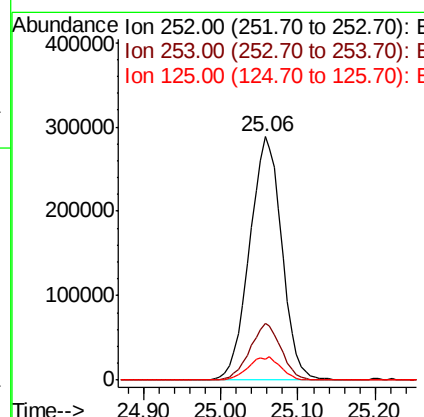
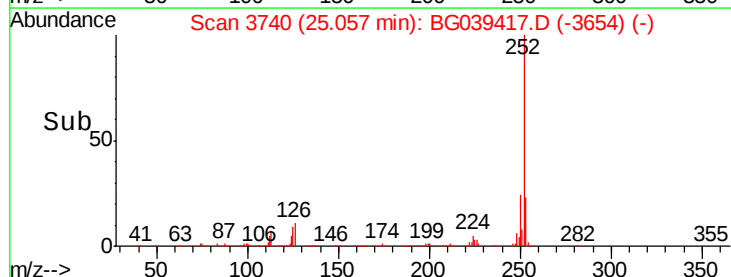
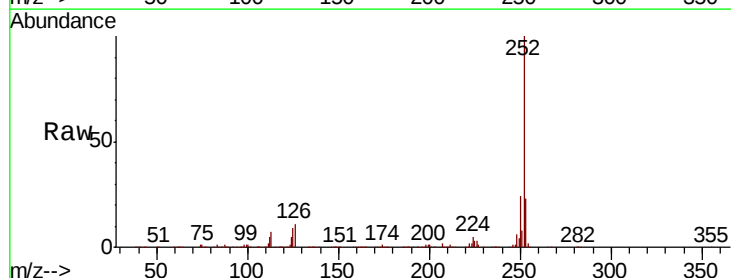
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#90
Benzo(a)pyrene
Concen: 44.111 ng
RT: 25.06 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BG039417.D
Acq: 8 Feb 2019 16:00

Tgt Ion:	252	Resp:	845162
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	8.5	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.429 ng

RT: 29.19 min Scan# 4444

Delta R.T. -0.05 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Instrument :

BNA_G

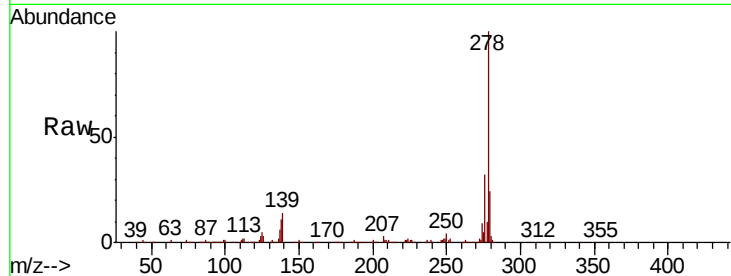
ClientSampleId :

PB116935BS

Tot Ion:	278	Resp:	779242
Ion Ratio	Lower	Upper	
278	100		
139	13.6	11.7	17.5
279	24.1	19.1	28.7

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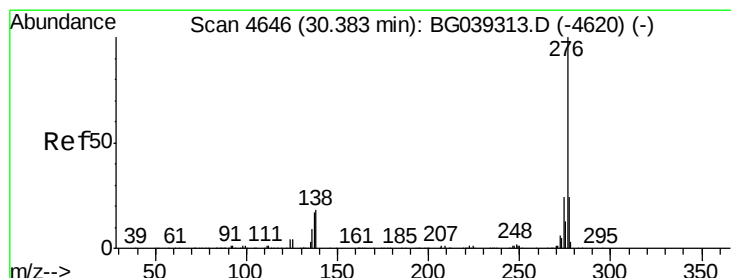
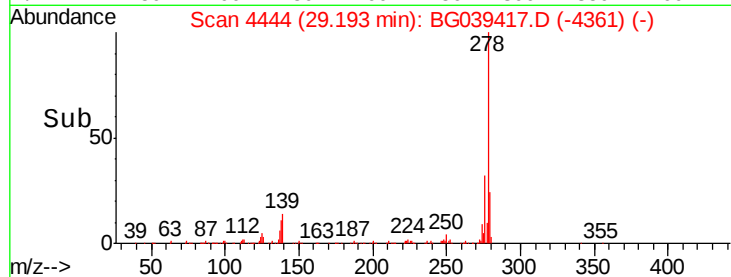
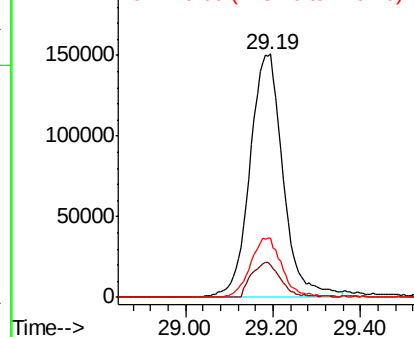


Abundance

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: 43.645 ng

RT: 30.34 min Scan# 4640

Delta R.T. -0.04 min

Lab File: BG039417.D

Acq: 8 Feb 2019 16:00

Tgt Ion:	276	Resp:	780568
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.6	29.4
138	16.4	14.7	22.1

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

