

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039435.D
 Acq On : 11 Feb 2019 15:35
 Operator : JU/SJ
 Sample : PB116987BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Manual Integrations
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Sohil
 2/12/2019 12:07:36 PM

Quant Time: Feb 12 03:06:34 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	49502	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	228512	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	160859	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	391927	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	398165	20.00	ng	-0.02
87) Perylene-d12	25.21	264	408218	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	271827	93.98	ng	0.00
7) Phenol-d6	7.31	99	395199	92.83	ng	-0.01
23) Nitrobenzene-d5	9.35	82	220961	60.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	159498	92.08	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	583968	52.08	ng	-0.02
79) Terphenyl-d14	20.13	244	972682	51.71	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	28044	22.166	ng	96
3) Pyridine	4.00	79	80037	23.894	ng	96
4) n-Nitrosodimethylamine	3.92	42	43161	25.765	ng	# 79
6) Aniline	7.49	93	84377	15.822	ng	98
8) 2-Chlorophenol	7.73	128	99806	31.569	ng	97
9) Benzaldehyde	7.31	77	41645	16.058	ng	94
10) Phenol	7.34	94	139543	31.443	ng	94
11) bis(2-Chloroethyl)ether	7.58	93	92936	26.501	ng	95
12) 1,3-Dichlorobenzene	8.06	146	98936	25.832	ng	99
13) 1,4-Dichlorobenzene	8.21	146	100771	26.398	ng	98
14) 1,2-Dichlorobenzene	8.52	146	97266	26.320	ng	98
15) Benzyl Alcohol	8.41	79	94826	28.371	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	178171	22.498	ng	99
17) 2-Methylphenol	8.59	107	87770	30.561	ng	96
18) Hexachloroethane	9.26	117	34716	26.433	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	77027	25.491	ng	94
20) 3+4-Methylphenols	8.92	107	122874	31.069	ng	96
22) Acetophenone	9.00	105	147524	24.034	ng	# 94
24) Nitrobenzene	9.39	77	113501	28.722	ng	95
25) Isophorone	9.90	82	221559	27.334	ng	98
26) 2-Nitrophenol	10.10	139	52389	37.013	ng	95
27) 2,4-Dimethylphenol	10.14	122	105921	32.303	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	136682	27.376	ng	99
29) 2,4-Dichlorophenol	10.63	162	110900	30.946	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	105824	26.302	ng	97
31) Naphthalene	11.04	128	312570	27.572	ng	99
32) Benzoic acid	10.25	122	54637	29.685	ng	94
33) 4-Chloroaniline	11.15	127	60793	11.566	ng	98
34) Hexachlorobutadiene	11.31	225	67672	25.291	ng	94
35) Caprolactam	11.92	113	38956m	26.269	ng	
36) 4-Chloro-3-methylphenol	12.24	107	120657	29.112	ng	94
37) 2-Methylnaphthalene	12.64	142	242334	28.862	ng	97
38) 1-Methylnaphthalene	12.85	142	234406	28.962	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	130611	25.520	ng	98

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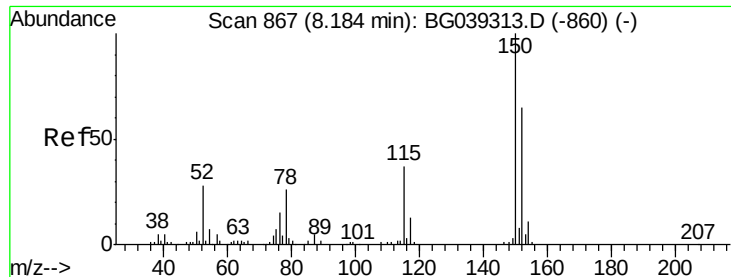
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	169181	60.662	nq	97
43) 2,4,6-Trichlorophenol	13.23	196	93541	29.725	nq	98
44) 2,4,5-Trichlorophenol	13.30	196	102399	31.047	nq	95
46) 1,1'-Biphenyl	13.63	154	332928	24.875	nq	100
47) 2-Chloronaphthalene	13.68	162	258000	25.625	nq	97
48) 2-Nitroaniline	13.88	65	87695	33.376	nq	95
49) Acenaphthylene	14.52	152	424781	27.960	nq	99
50) Dimethylphthalate	14.24	163	349948	26.936	nq	99
51) 2,6-Dinitrotoluene	14.37	165	77926	34.267	nq	97
52) Acenaphthene	14.86	154	256484	26.008	nq	99
53) 3-Nitroaniline	14.70	138	42611	20.094	nq	# 89
54) 2,4-Dinitrophenol	14.90	184	75309	73.190	nq	95
55) Dibenzofuran	15.19	168	425984	26.941	nq	98
56) 4-Nitrophenol	14.99	139	139020	60.690	nq	89
57) 2,4-Dinitrotoluene	15.15	165	109145	37.197	nq	86
58) Fluorene	15.84	166	335883	28.496	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	102187	33.090	nq	97
60) Diethylphthalate	15.59	149	360864	26.865	nq	99
61) 4-Chlorophenyl-phenylether	15.83	204	176718	26.478	nq	94
62) 4-Nitroaniline	15.86	138	79679	30.889	nq	91
63) Azobenzene	16.12	77	318876	24.288	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	56428	39.508	nq	94
66) n-Nitrosodiphenylamine	16.04	169	314252	26.370	nq	96
67) 4-Bromophenyl-phenylether	16.72	248	116172	26.719	nq	94
68) Hexachlorobenzene	16.83	284	118489	27.162	nq	94
69) Atrazine	16.98	200	119356	27.407	nq	95
70) Pentachlorophenol	17.18	266	152544	50.313	nq	98
71) Phenanthrene	17.58	178	562866	27.748	nq	99
72) Anthracene	17.67	178	571723	28.614	nq	99
73) Carbazole	17.94	167	500462	25.098	nq	99
74) Di-n-butylphthalate	18.48	149	600513	25.814	nq	99
75) Fluoranthene	19.58	202	672854	28.578	nq	100
77) Benzidine	19.76	184	188084	14.408	nq	98
78) Pyrene	19.94	202	689126	27.802	nq	99
80) Butylbenzylphthalate	20.81	149	276789	26.472	nq	93
81) Benzo(a)anthracene	21.81	228	658268	27.979	nq	98
82) 3,3'-Dichlorobenzidine	21.72	252	121921	13.976	nq	97
83) Chrysene	21.88	228	614580	27.441	nq	97
84) Bis(2-ethylhexyl)phthalate	21.68	149	385478	25.842	nq	98
85) Di-n-octyl phthalate	22.95	149	668529	27.127	nq	94
86) Indeno(1,2,3-cd)pyrene	29.09	276	723357	30.103	nq	98
88) Benzo(b)fluoranthene	24.13	252	641081	28.797	nq	97
89) Benzo(k)fluoranthene	24.20	252	612282	27.394	nq	99
90) Benzo(a)pyrene	25.05	252	615859	28.724	nq	99
91) Dibenzo(a,h)anthracene	29.17	278	582739	29.023	nq	99
92) Benzo(g,h,i)perylene	30.32	276	600389	30.000	nq	97

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



#1

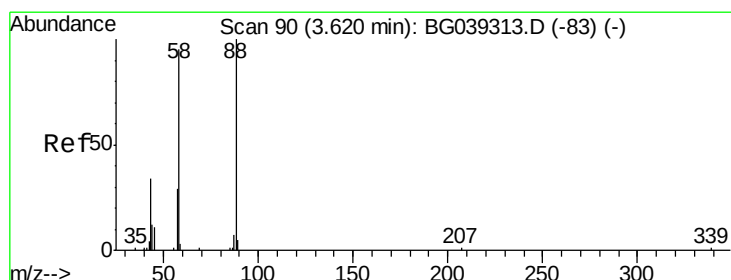
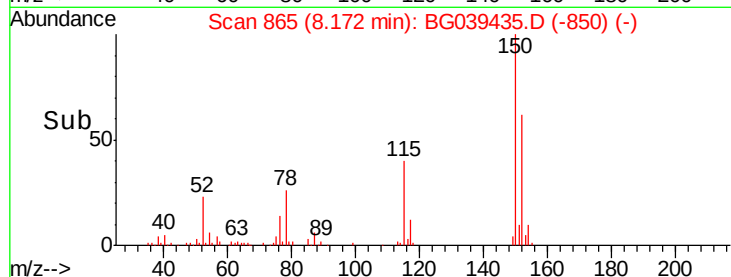
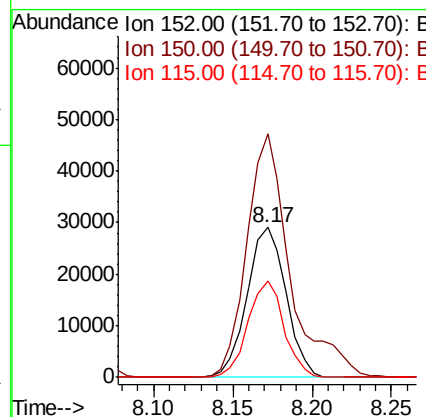
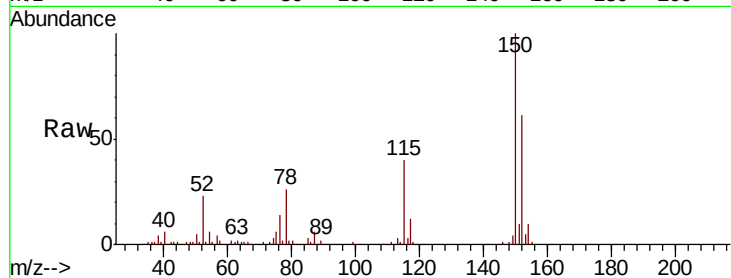
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	123.7	185.5
115	64.6	45.9	68.9

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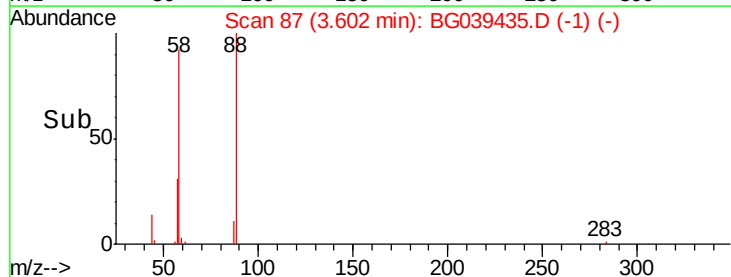
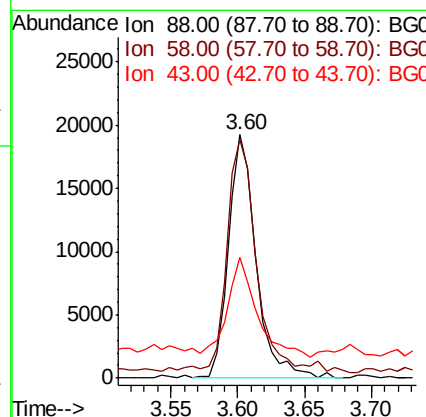
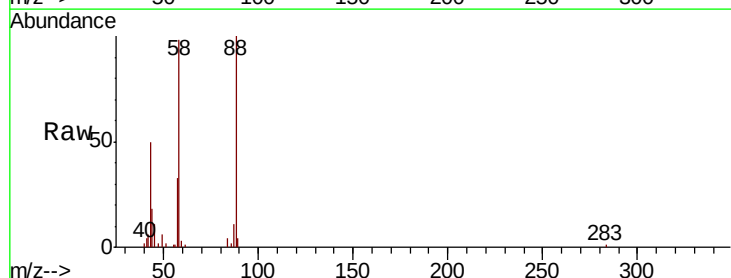
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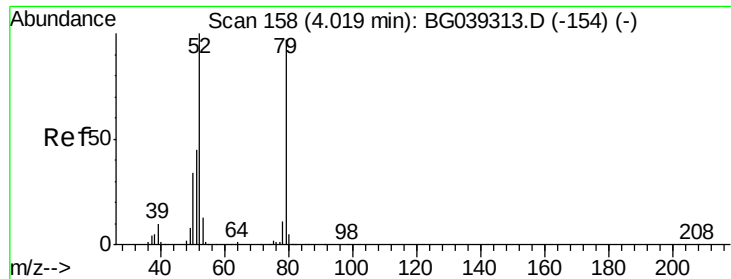


#2

1,4-Dioxane
Concen: 22.166 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.9	81.1	121.7
43	44.1	31.4	47.0





#3

Pvridine

Concen: 23.894 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

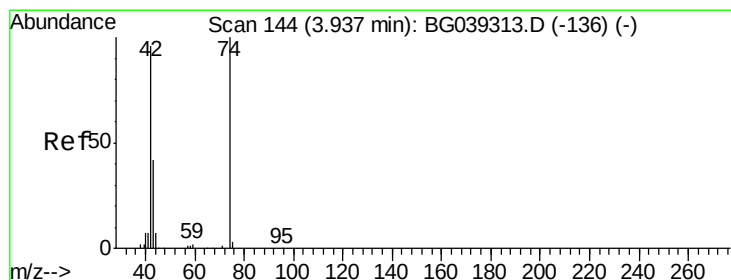
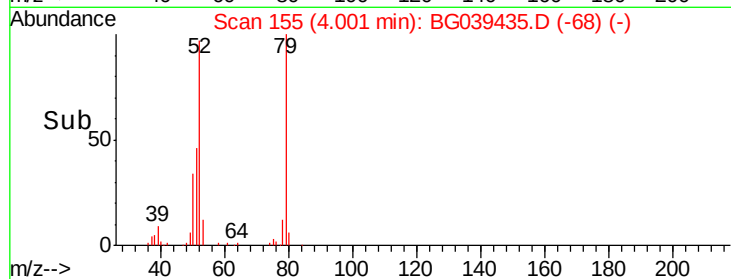
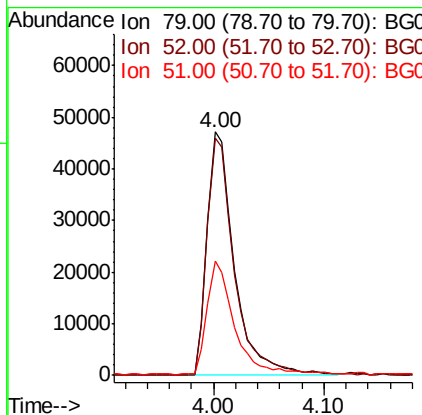
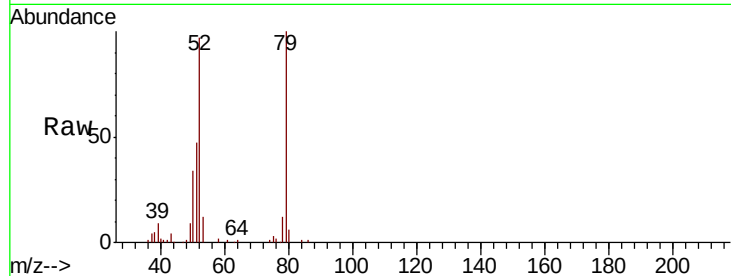
ClientSampleId :

PB116987BS

Tot Ion:	79	Resp:	80037
Ion	Ratio	Lower	Upper
79	100		
52	97.5	82.6	124.0
51	46.8	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 25.765 ng

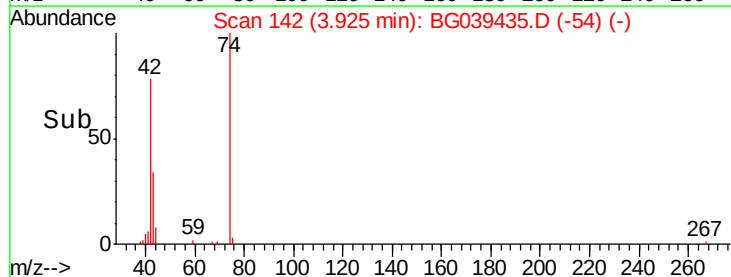
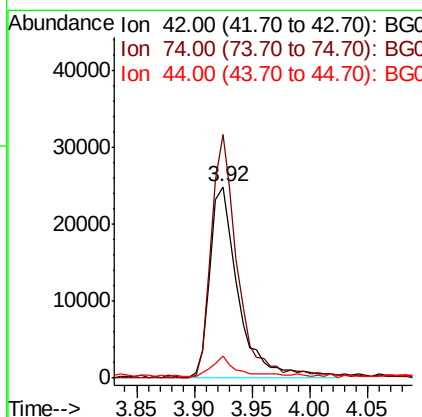
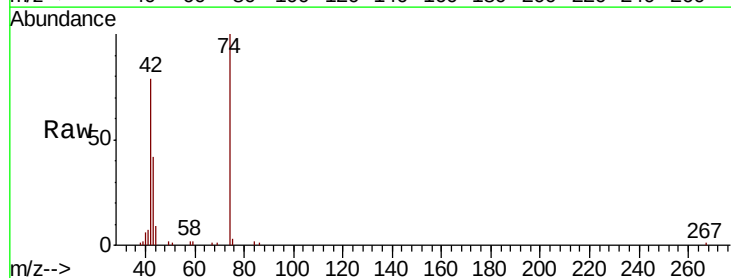
RT: 3.92 min Scan# 142

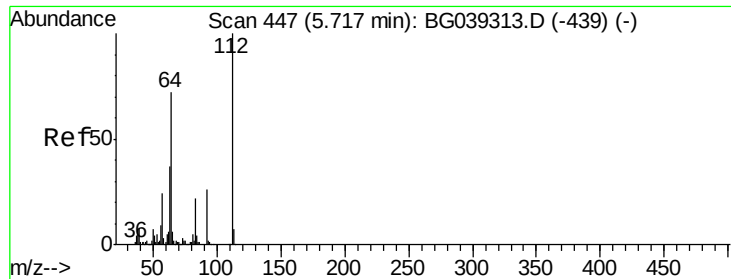
Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	42	Resp:	43161
Ion	Ratio	Lower	Upper
42	100		
74	127.3	83.6	125.4#
44	11.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 93.983 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

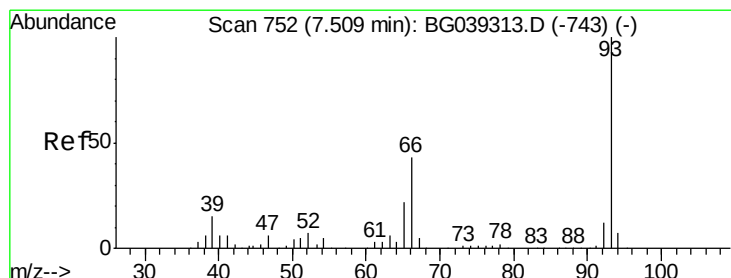
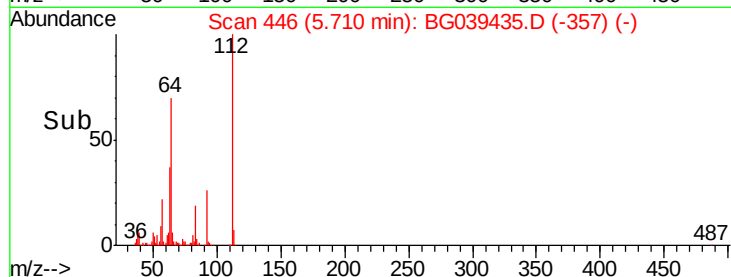
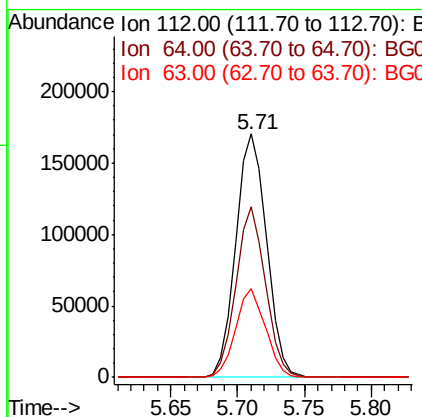
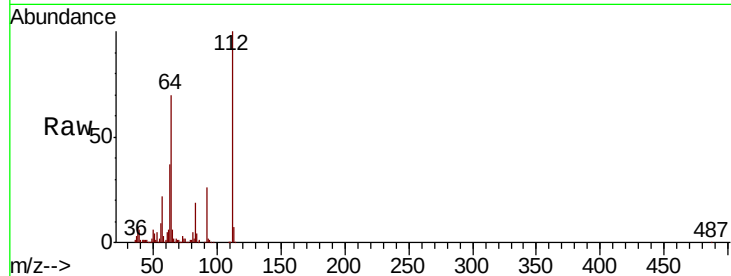
ClientSampleId :

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Tot Ion:	112	Resp:	271827
Ion Ratio	Lower	Upper	
112	100		
64	70.1	57.8	86.8
63	36.6	29.8	44.6

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#6

Aniline

Concen: 15.822 ng

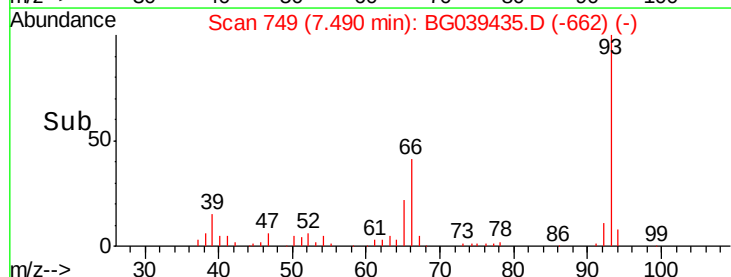
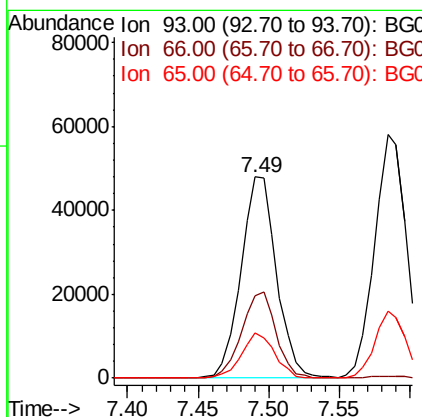
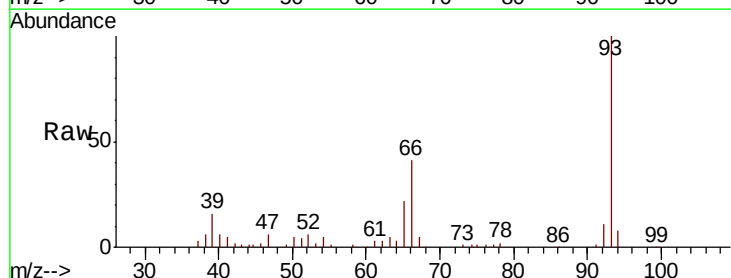
RT: 7.49 min Scan# 749

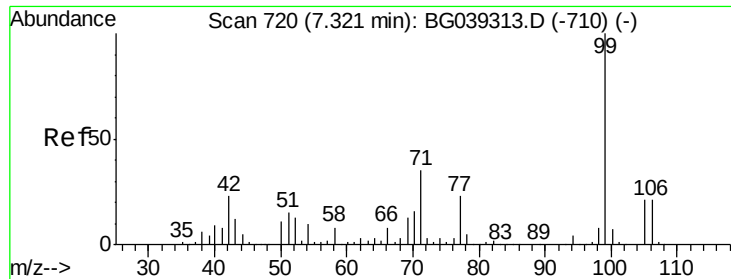
Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	93	Resp:	84377
Ion Ratio	Lower	Upper	
93	100		
66	40.8	34.2	51.4
65	22.4	17.7	26.5





#7

Phenol-d6

Concen: 92.827 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

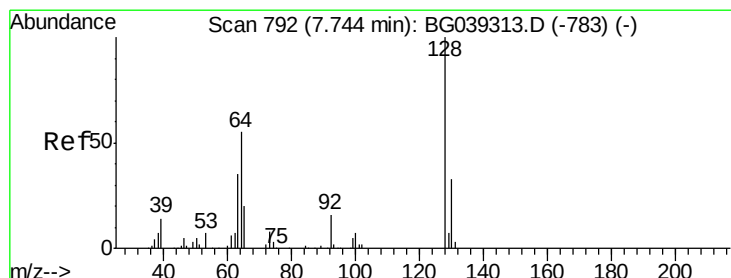
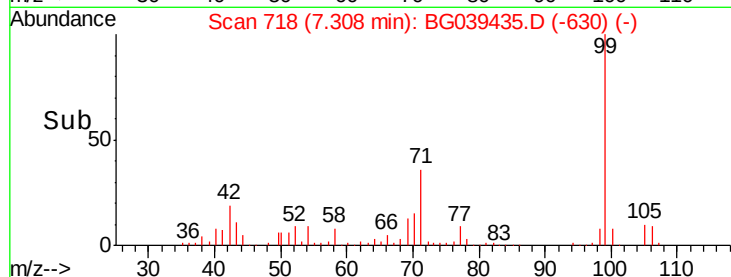
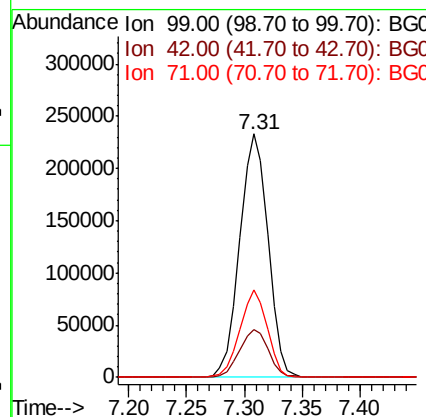
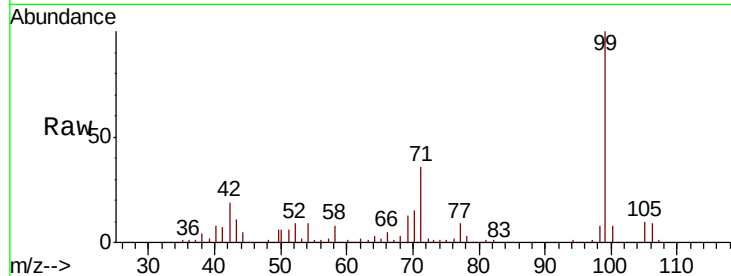
ClientSampleId :

PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		395199		
42	19.4	18.2	27.2		
71	35.8	28.0	42.0		

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#8

2-Chlorophenol

Concen: 31.569 ng

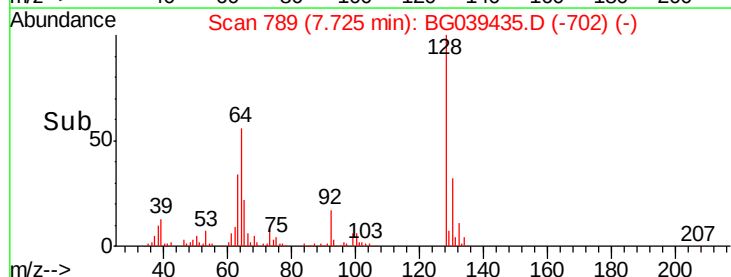
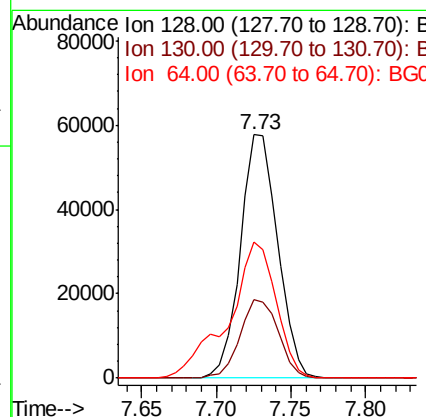
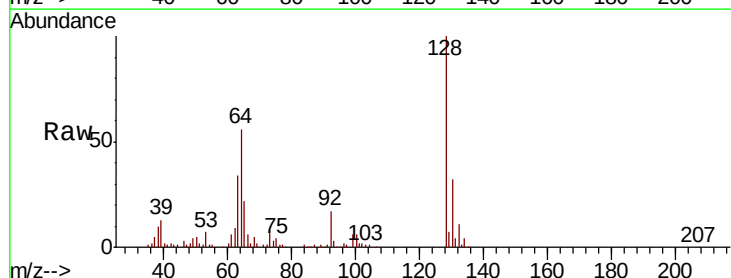
RT: 7.73 min Scan# 789

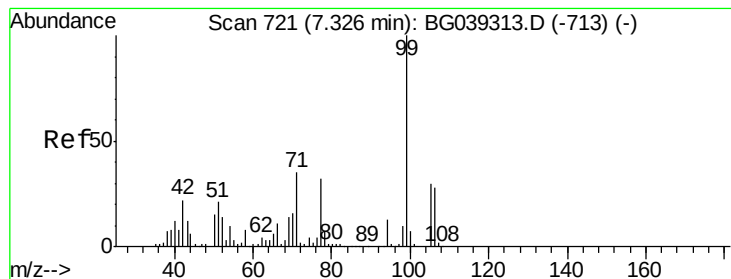
Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		99806		
130	32.2	12.9	52.9		
64	56.0	38.7	78.7		





#9

Benzaldehyde

Concen: 16.058 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

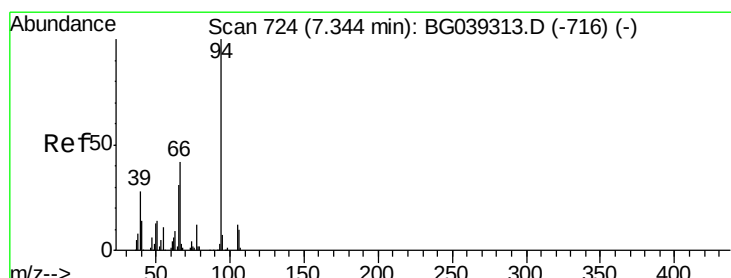
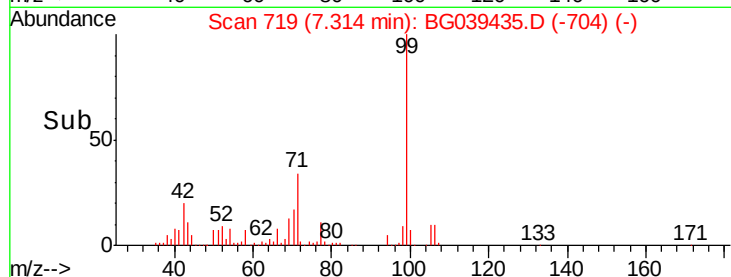
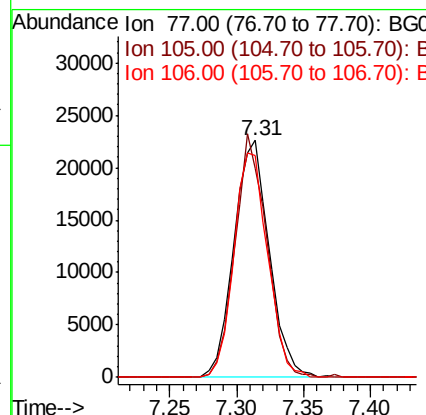
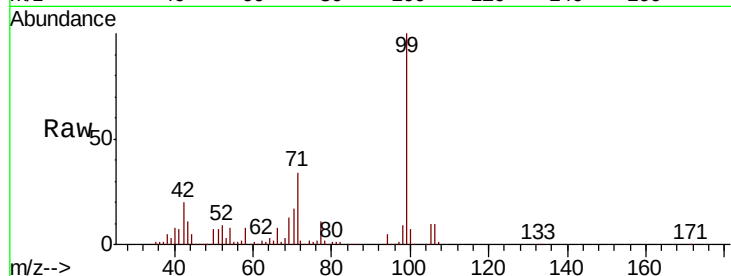
ClientSampleId :

PB116987BS

Tot Ion:	77	Resp:	41645
Ion	Ratio	Lower	Upper
77	100		
105	88.1	74.5	114.5
106	93.4	68.0	108.0

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#10

Phenol

Concen: 31.443 ng

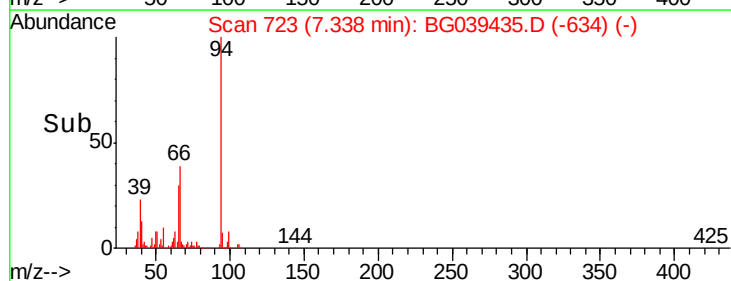
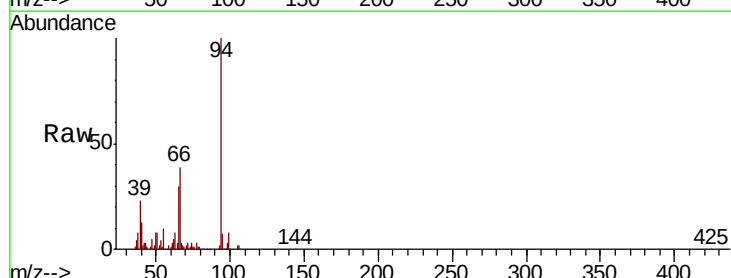
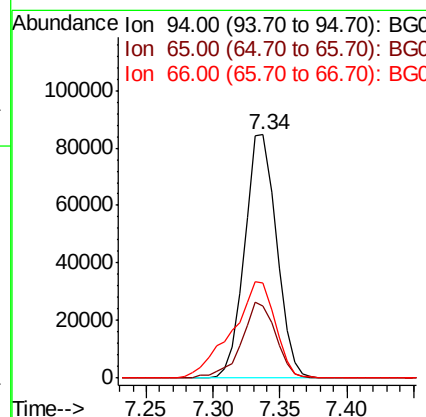
RT: 7.34 min Scan# 723

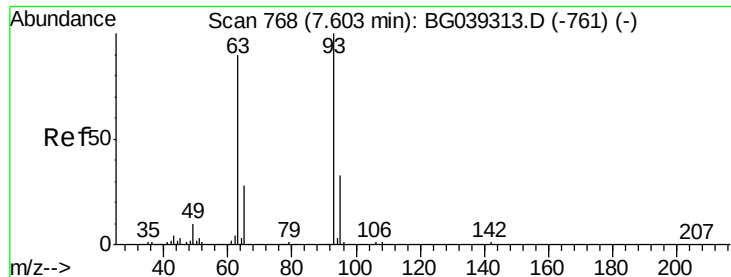
Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	94	Resp:	139543
Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.7	51.7
66	39.1	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 26.501 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

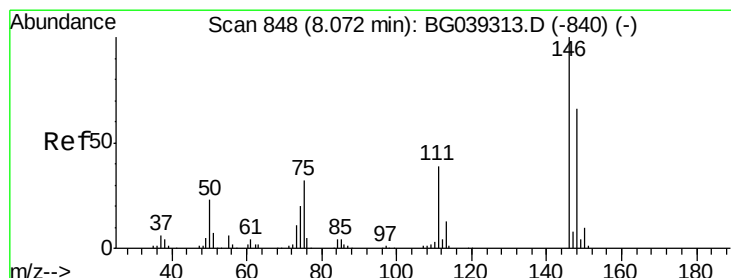
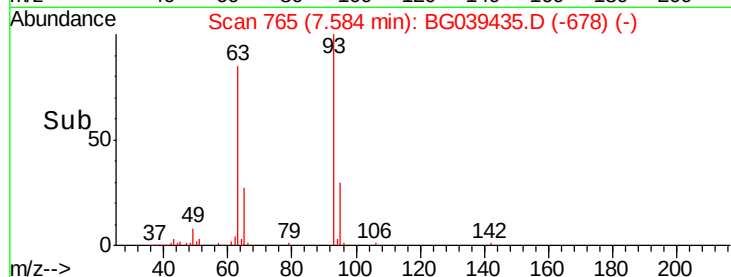
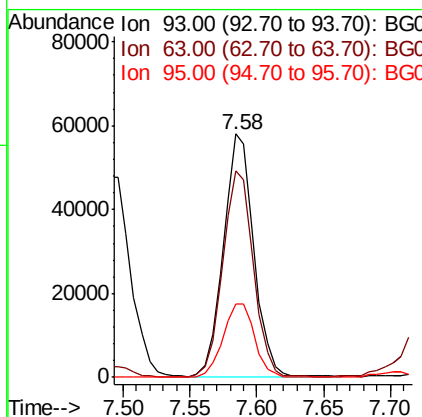
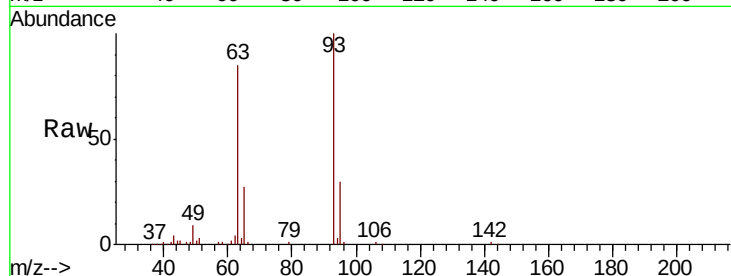
ClientSampleId :

PB116987BS

Tot Ion:	93	Resp:	92936
Ion	Ratio	Lower	Upper
93	100		
63	84.6	69.5	109.5
95	30.3	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 25.832 ng

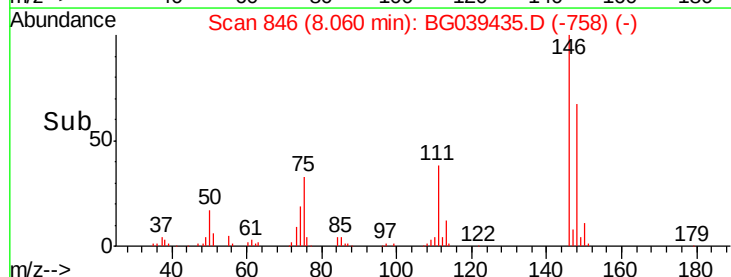
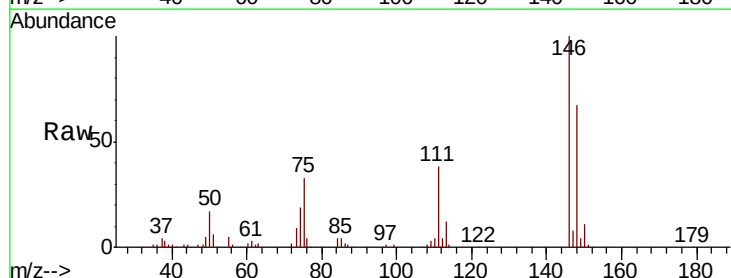
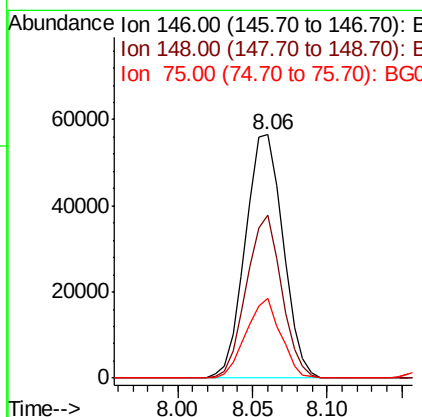
RT: 8.06 min Scan# 846

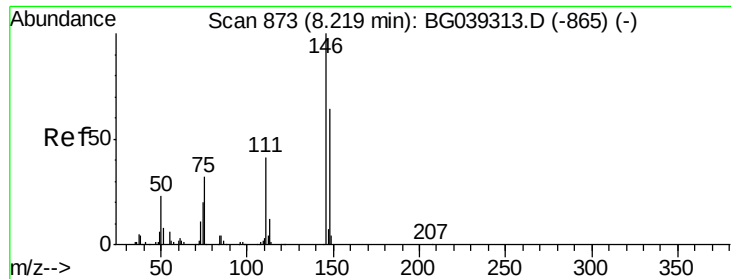
Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	146	Resp:	98936
Ion	Ratio	Lower	Upper
146	100		
148	67.1	52.6	79.0
75	32.7	25.8	38.6





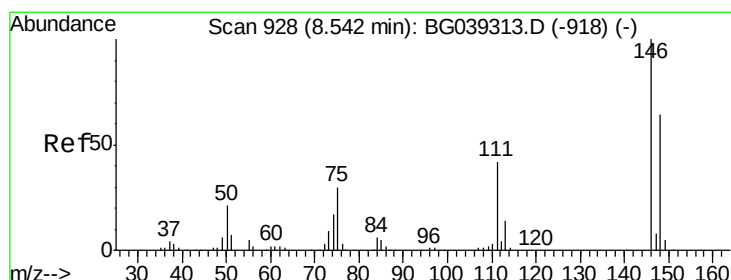
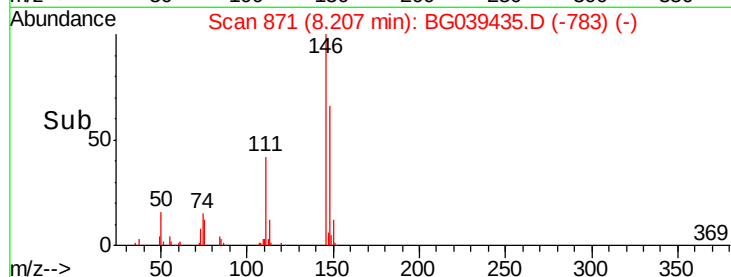
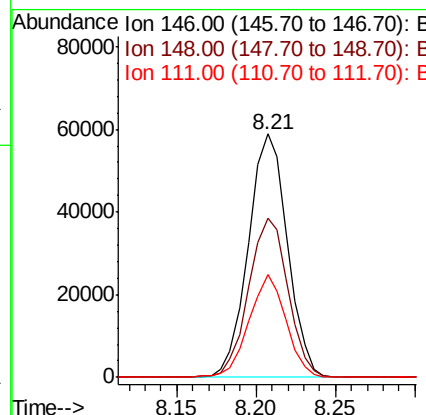
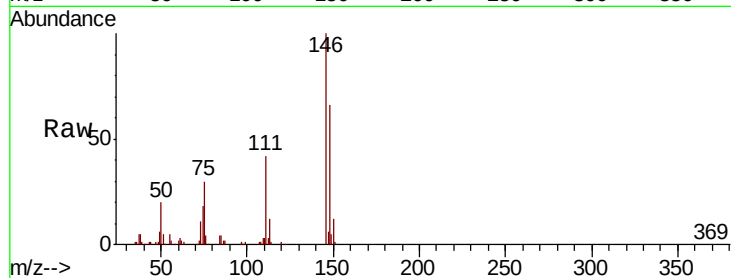
#13
 1,4-Dichlorobenzene
 Concen: 26.398 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	42.5	32.6	48.8

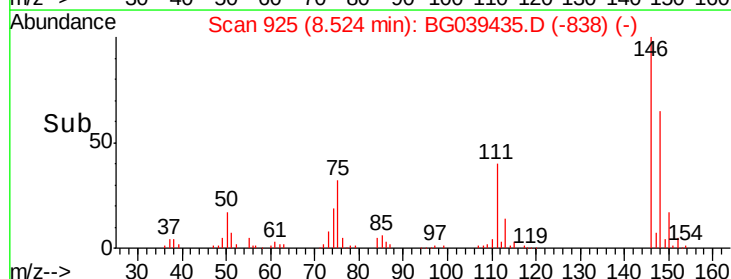
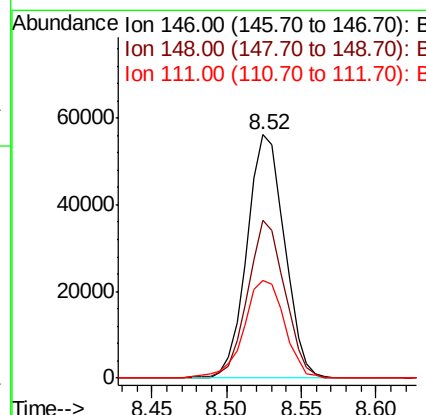
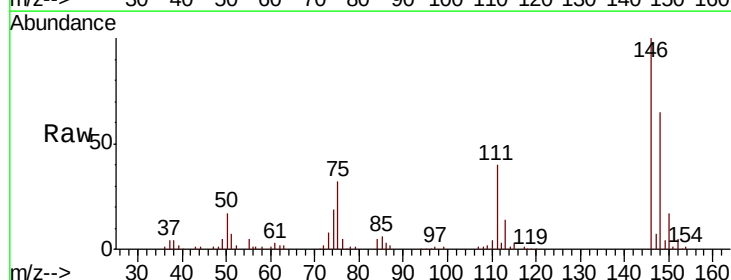
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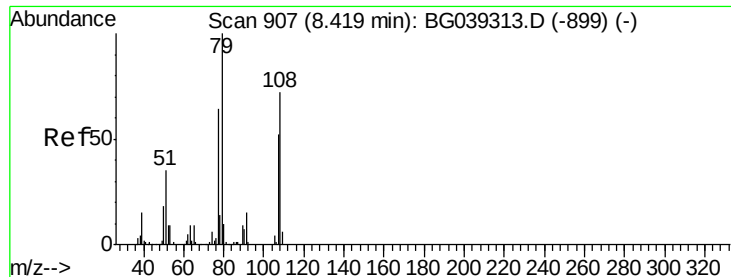
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#14
 1,2-Dichlorobenzene
 Concen: 26.320 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.5	77.3
111	40.3	33.8	50.6





#15

Benzyl Alcohol

Concen: 28.371 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

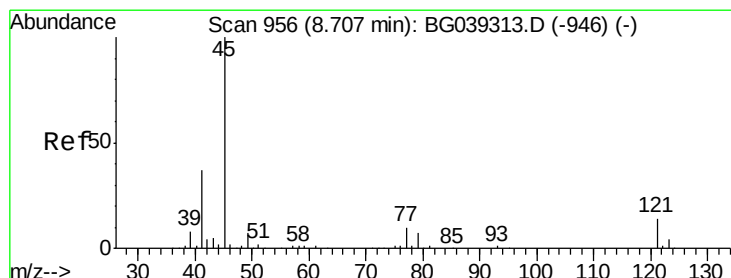
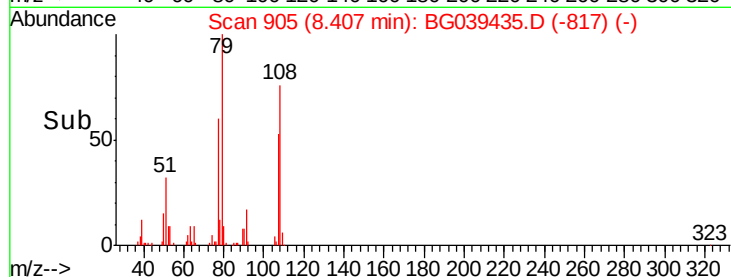
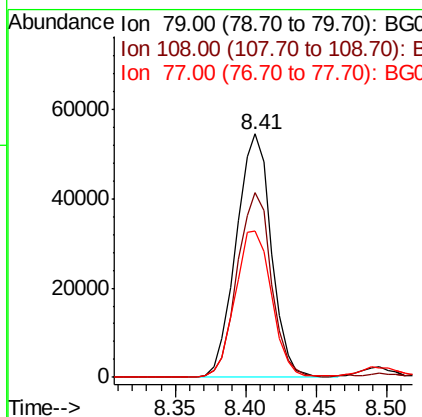
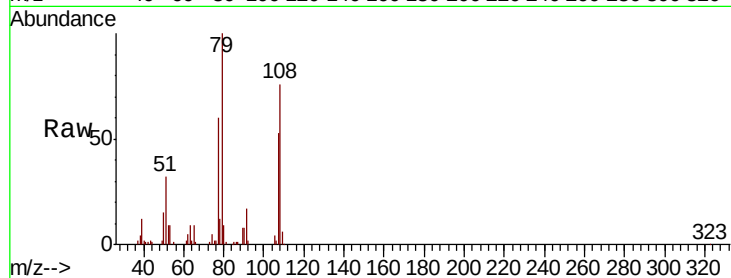
ClientSampleId :

PB116987BS

Tot Ion:	79	Resp:	94826
Ion Ratio	Lower	Upper	
79	100		
108	76.1	57.8	86.6
77	60.4	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.498 ng

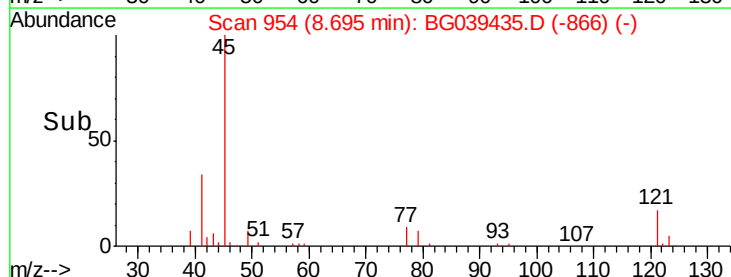
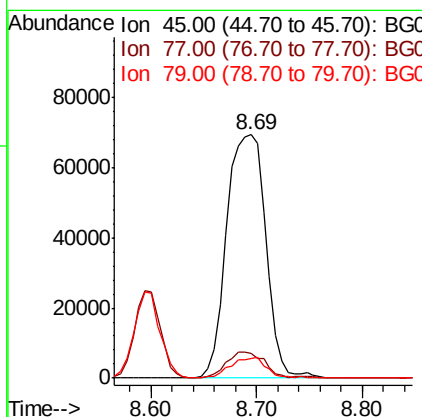
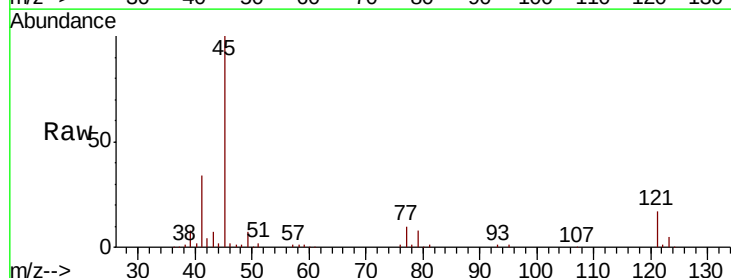
RT: 8.69 min Scan# 954

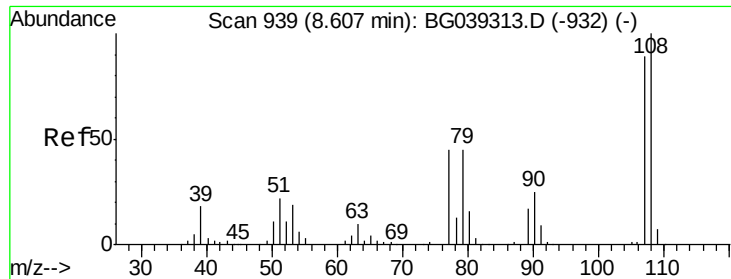
Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	45	Resp:	178171
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	30.0
79	8.0	0.0	27.5





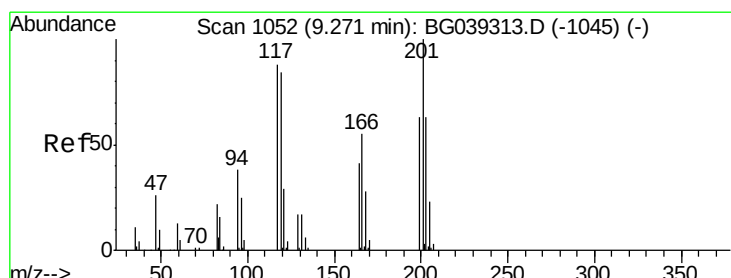
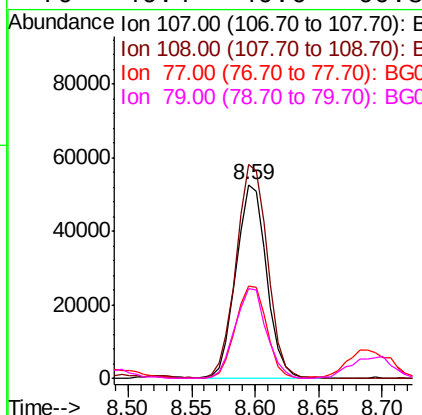
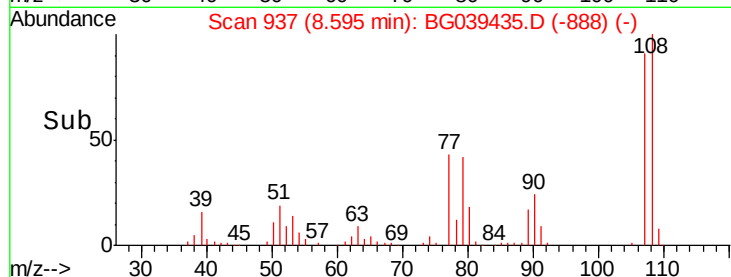
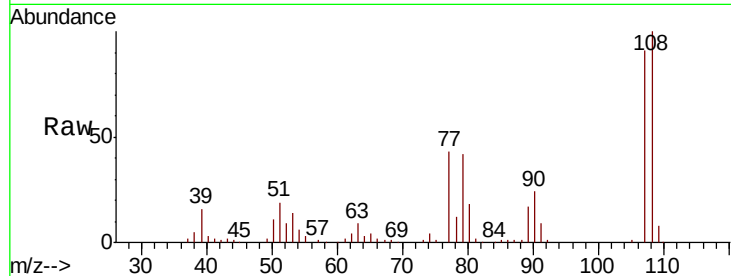
#17
2-Methylphenol
Concen: 30.561 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	107	Resp	87770
Ion	Ratio	Lower	Upper
107	100		
108	110.3	90.8	136.2
77	47.7	40.7	61.1
79	46.4	40.6	60.8

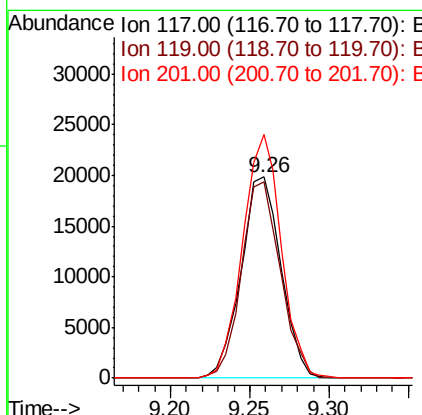
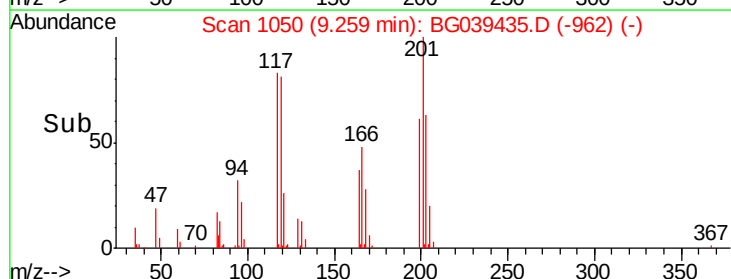
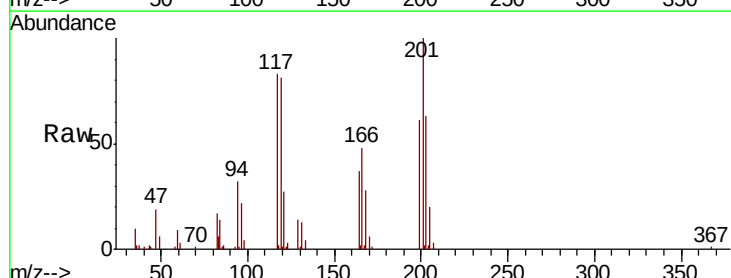
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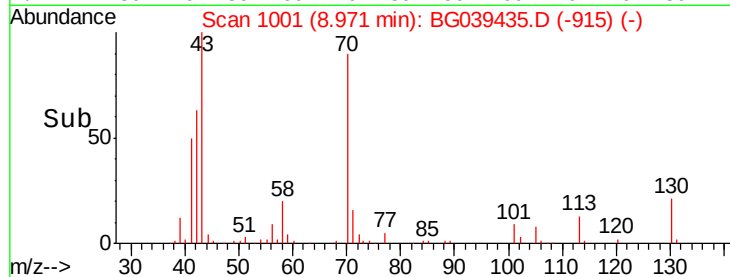
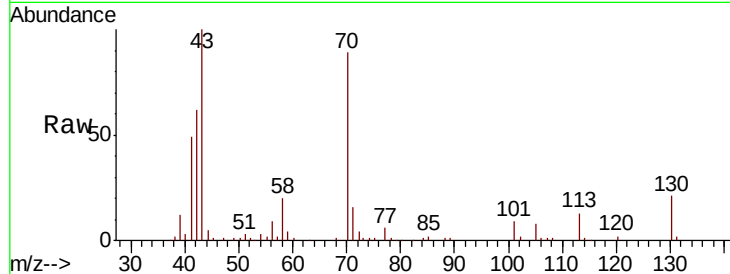
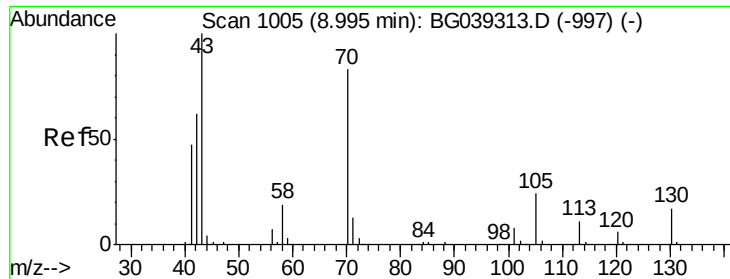
Sohil
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#18
Hexachloroethane
Concen: 26.433 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	117	Resp	34716
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.3	114.5
201	121.0	91.1	136.7





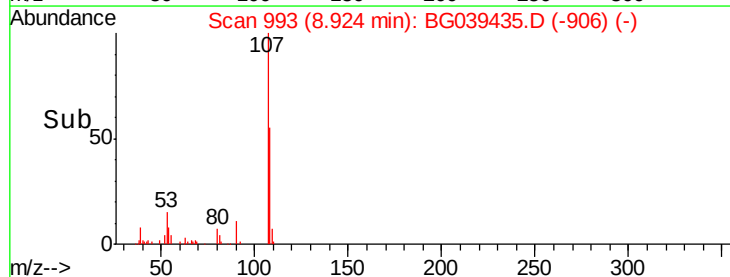
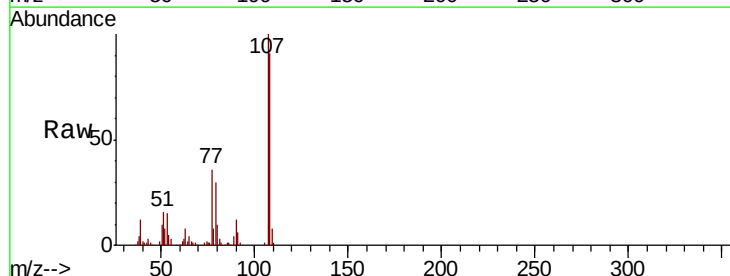
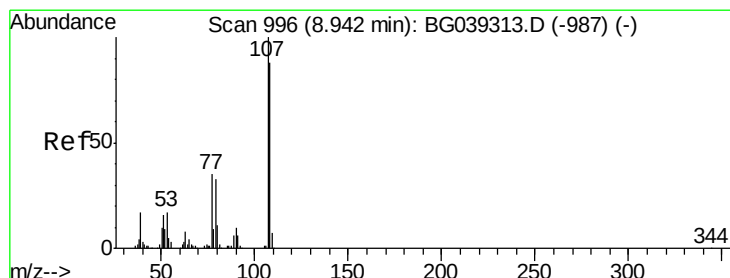
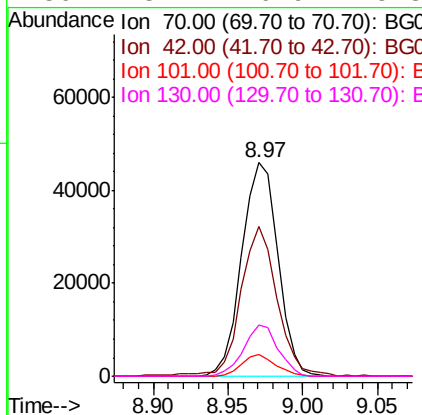
#19
n-Nitroso-di-n-propylamine
Concen: 25.491 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.1	60.4	90.6	
101	10.0	7.5	11.3	
130	23.7	16.9	25.3	

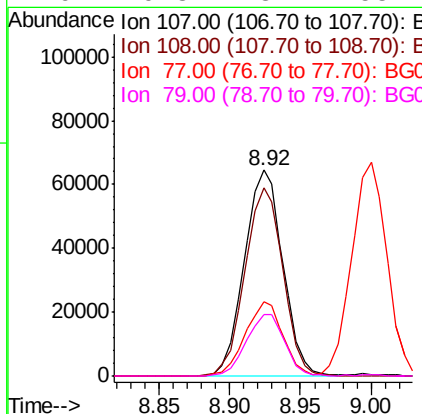
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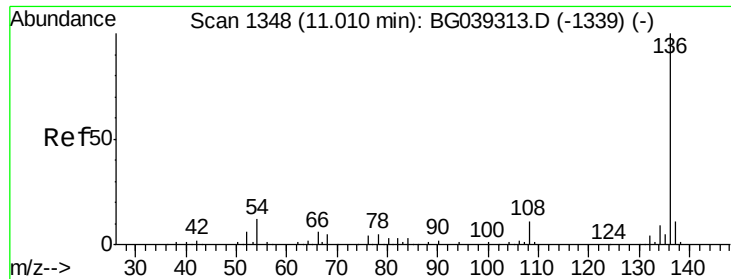
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#20
3+4-Methylphenols
Concen: 31.069 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.1	67.9	107.9	
77	36.0	15.4	55.4	
79	29.8	13.7	53.7	





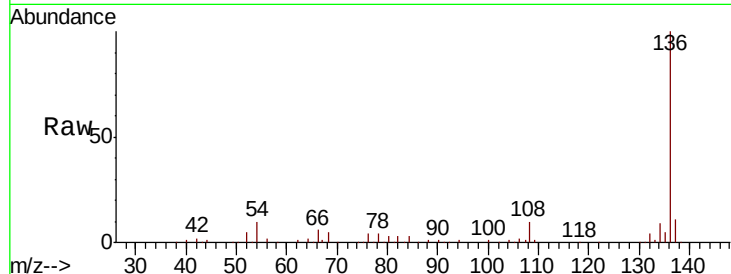
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	228512		
137	11.3		9.1	13.7
54	9.8		9.4	14.2
68	4.7		4.2	6.4

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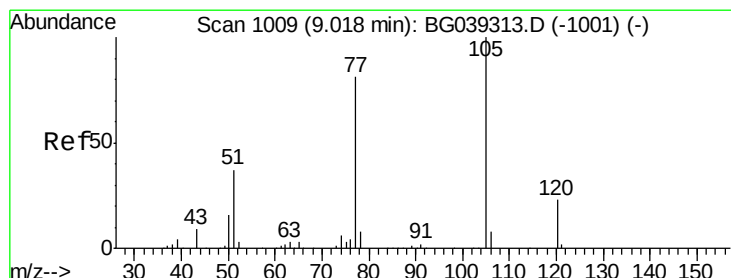
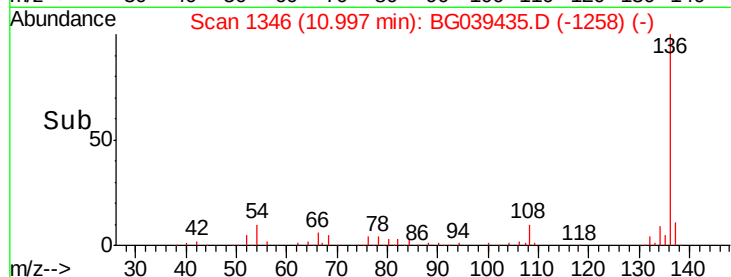
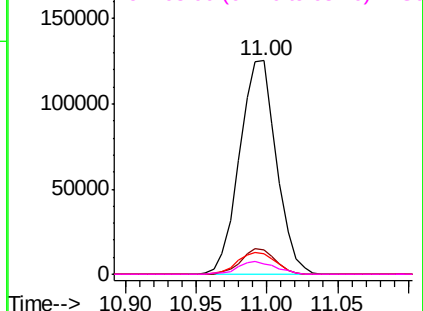
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 24.034 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	147524		
71	0.4		0.8	1.2#
51	33.0		30.2	45.2
120	24.3		18.0	27.0

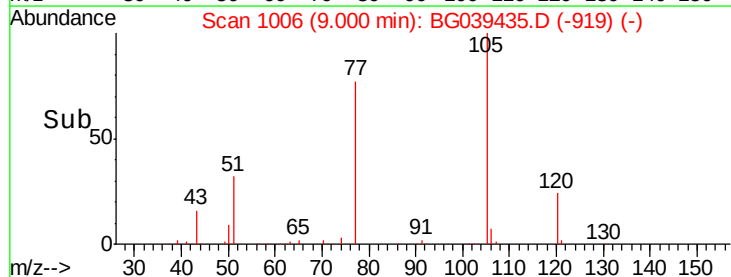
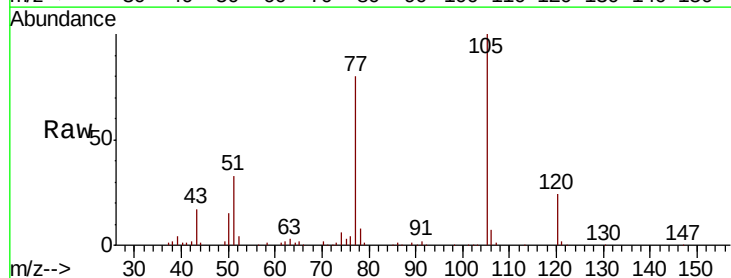
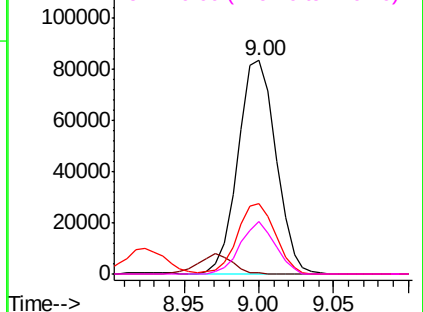
Abundance

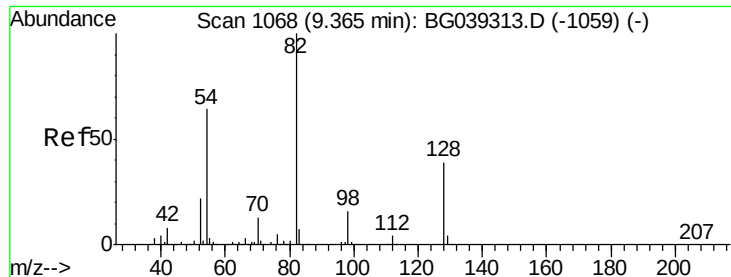
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





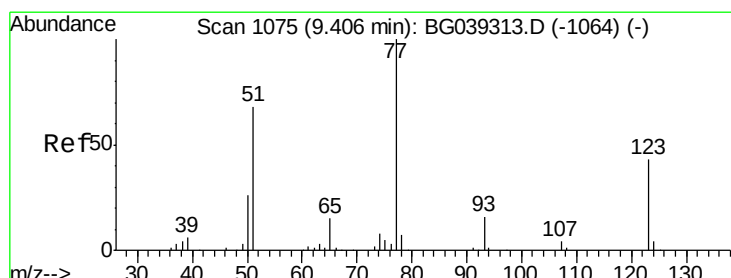
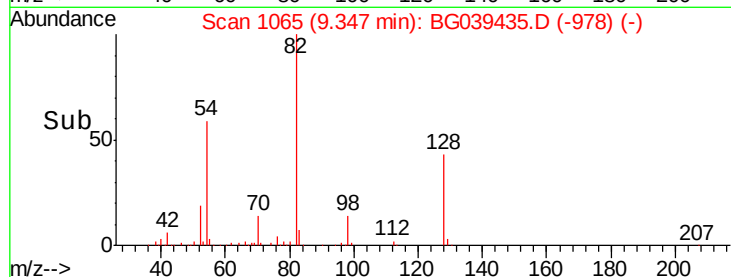
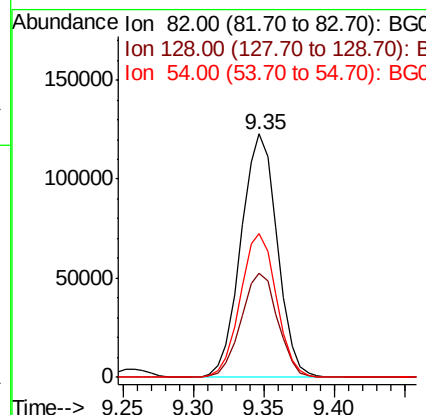
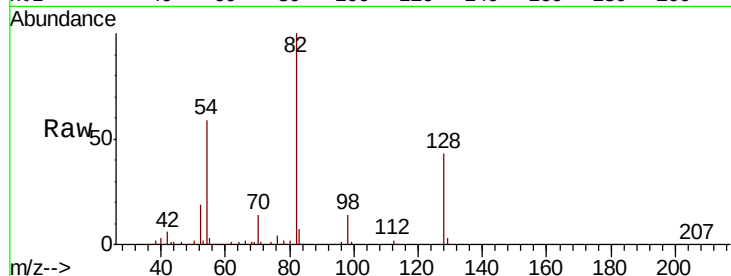
#23
Nitrobenzene-d5
Concen: 60.407 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	220961		
128	42.7	31.3	46.9	
54	58.8	50.9	76.3	

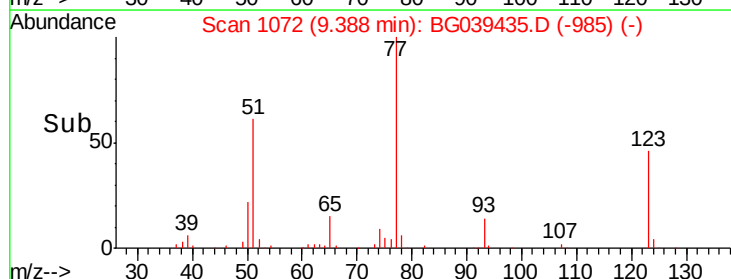
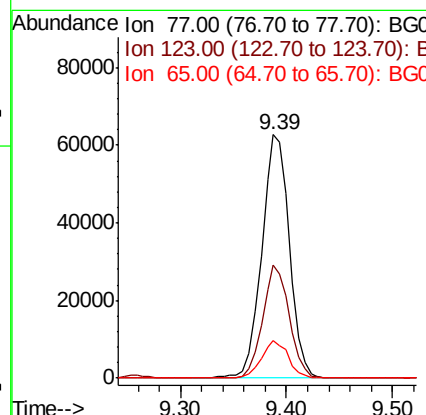
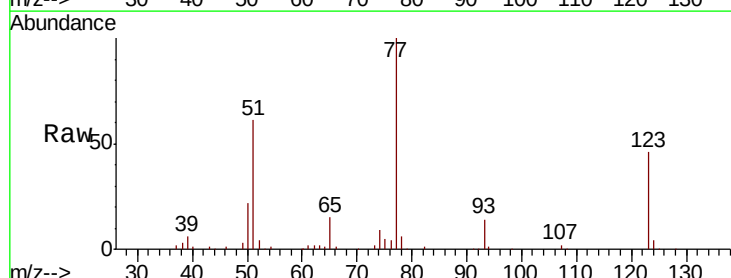
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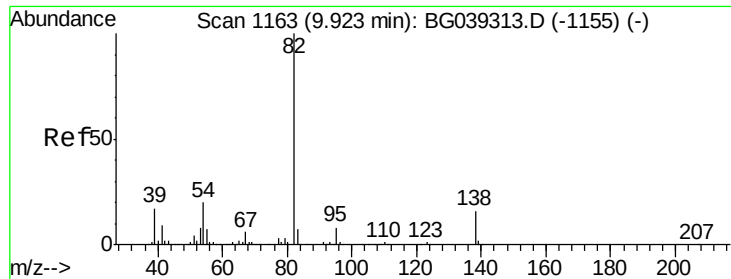
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#24
Nitrobenzene
Concen: 28.722 ng
RT: 9.39 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	113501		
123	46.5	34.1	51.1	
65	15.2	12.3	18.5	





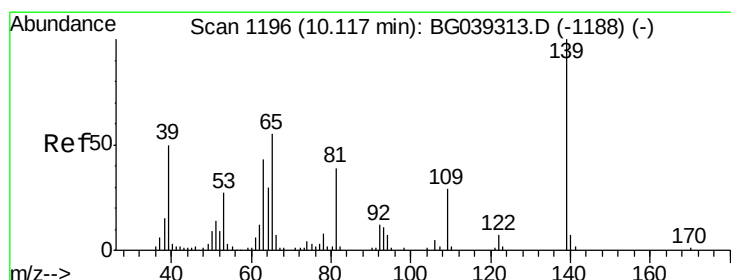
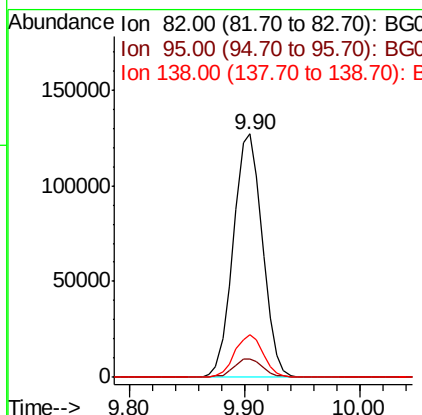
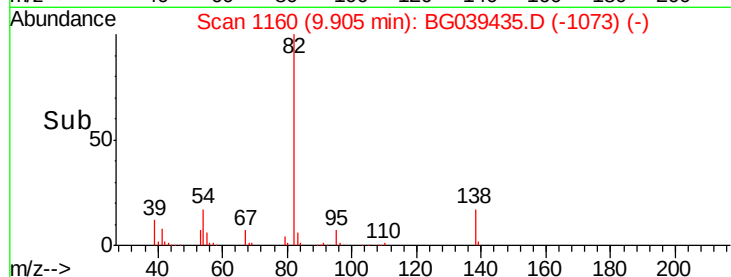
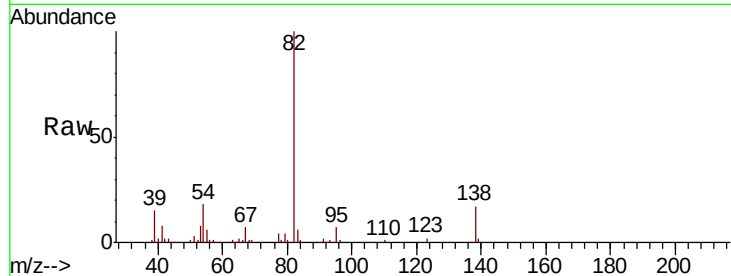
#25
Isophorone
Concen: 27.334 ng
RT: 9.90 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.3	6.2	9.2	
138	17.4	13.0	19.4	

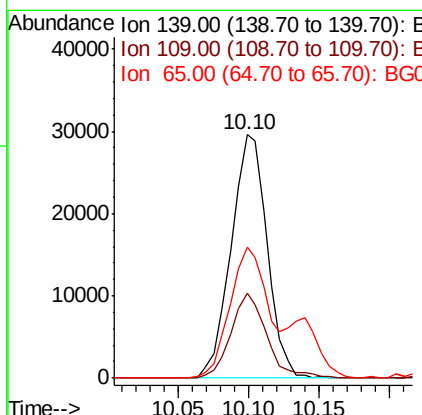
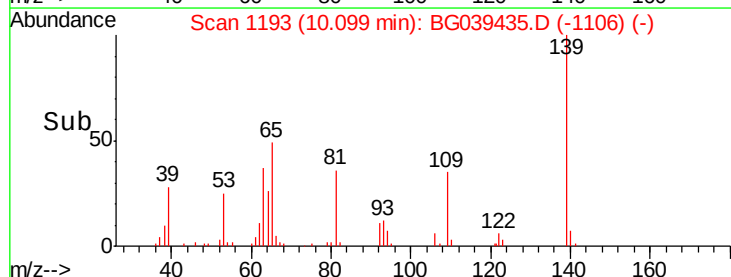
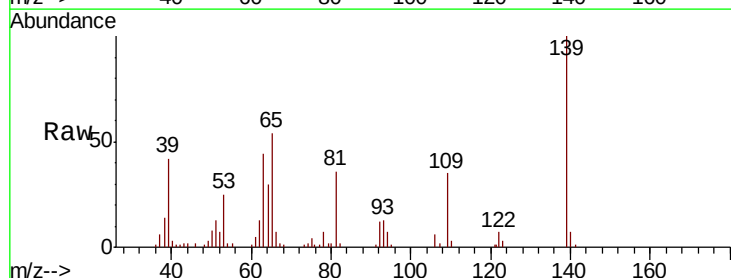
Manual Integrations
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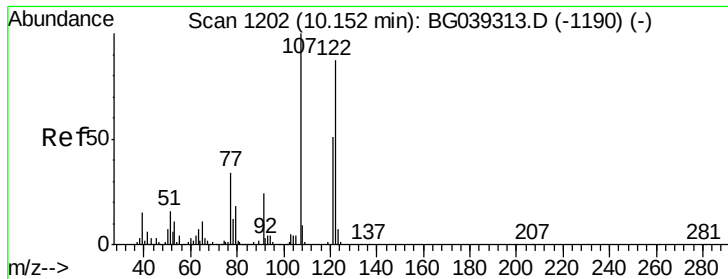
Sohil
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#26
2-Nitrophenol
Concen: 37.013 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	34.7	23.4	35.0	
65	54.0	44.3	66.5	





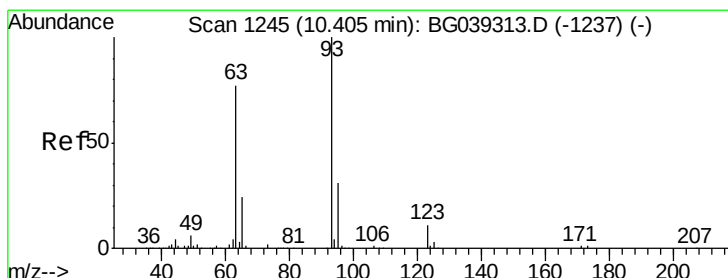
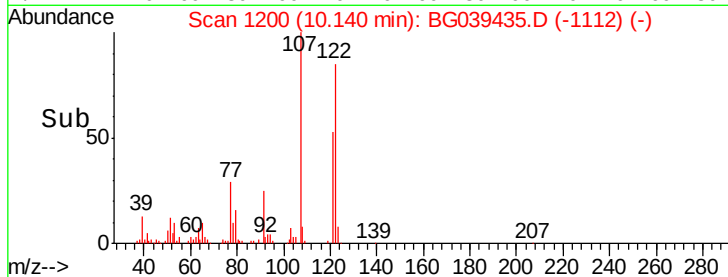
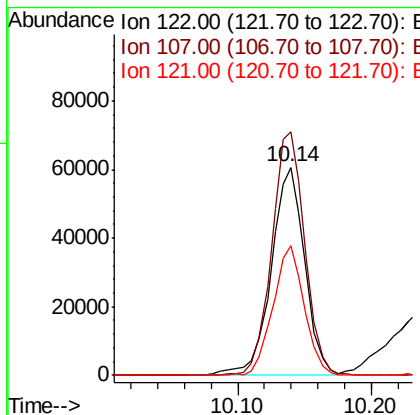
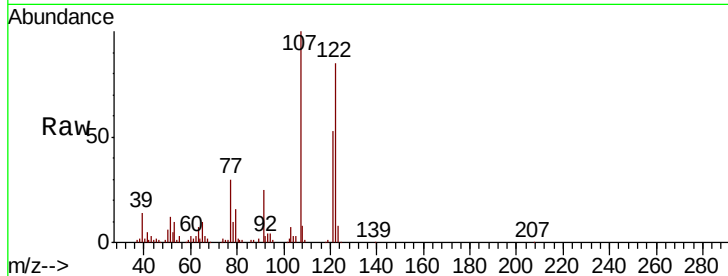
#27
2,4-Dimethylphenol
Concen: 32.303 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	105921		
107	117.2	91.7	137.5	
121	62.2	46.4	69.6	

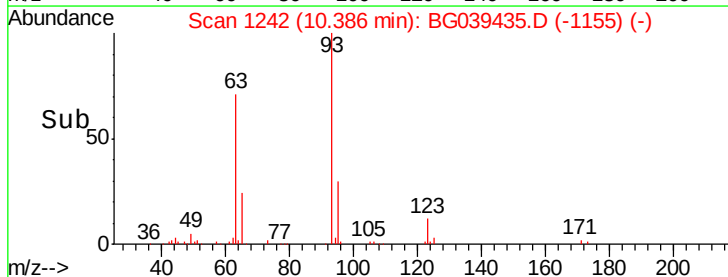
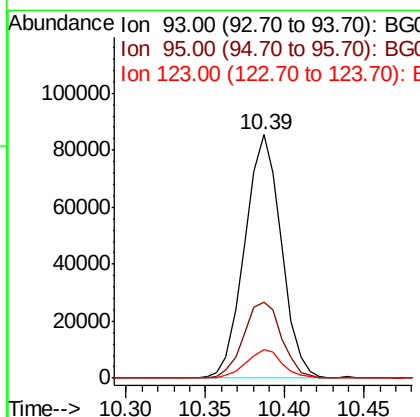
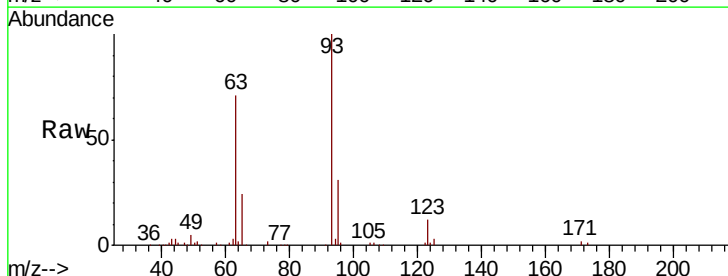
Manual Integrations
APPROVED

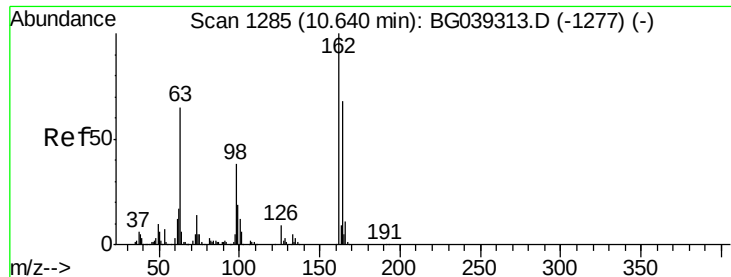
Sohil
2/12/2019 12:07:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 27.376 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	136682		
95	31.0	25.0	37.4	
123	11.5	8.6	12.8	





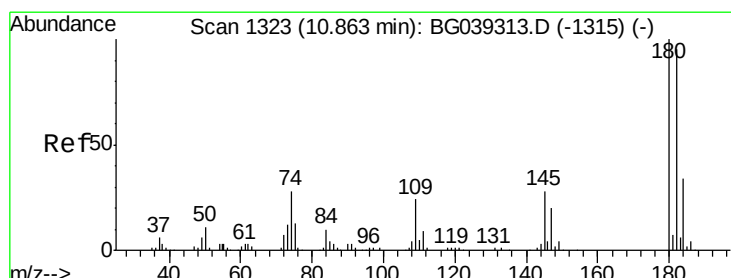
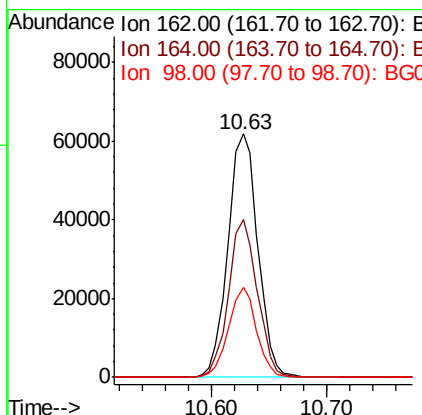
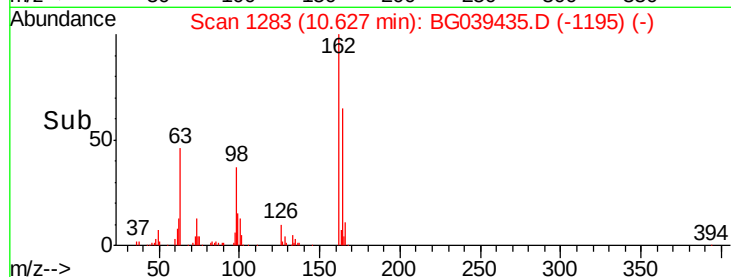
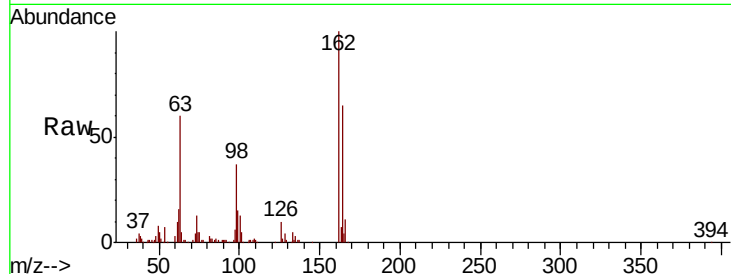
#29
 2,4-Dichlorophenol
 Concen: 30.946 ng
 RT: 10.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	64.9	48.1	88.1		
98	36.9	18.1	58.1		

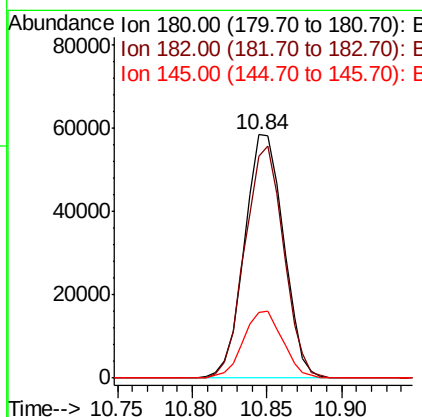
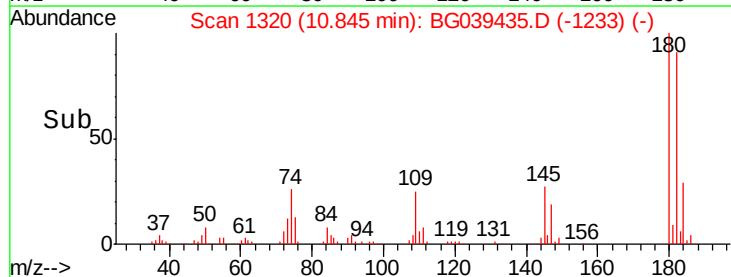
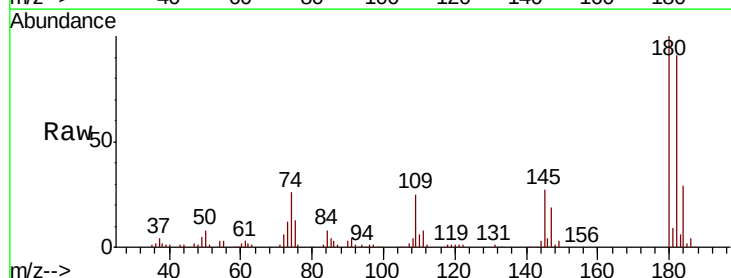
Manual Integrations
 APPROVED

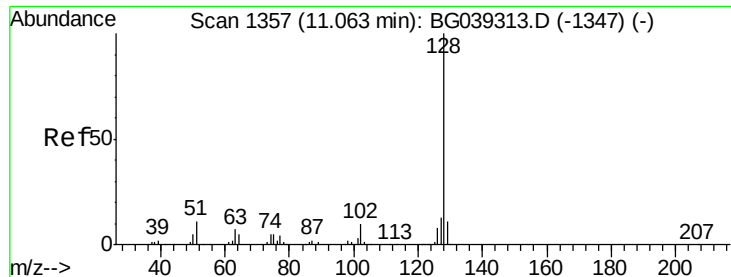
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 26.302 ng
 RT: 10.84 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	91.3	76.0	114.0		
145	27.2	22.7	34.1		





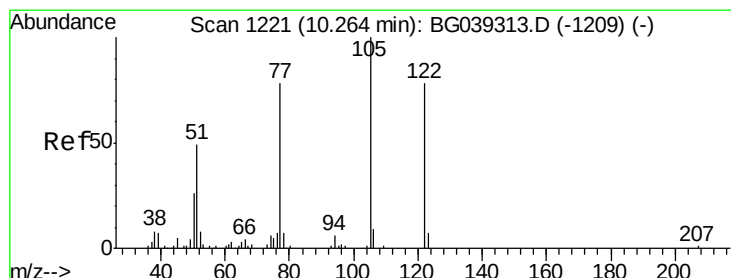
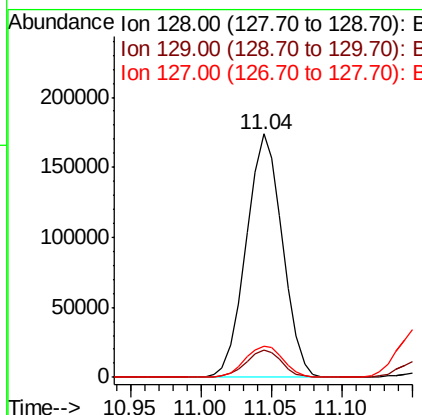
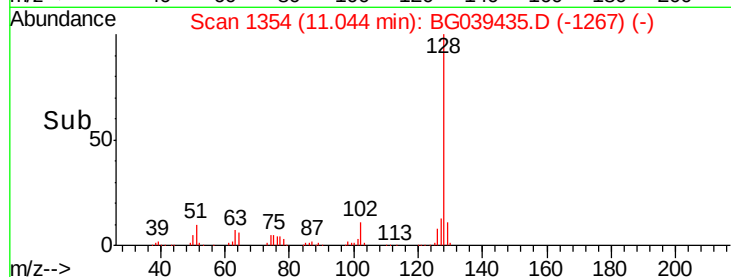
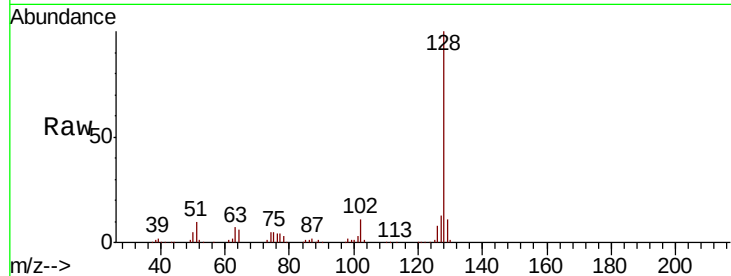
#31
Naphthalene
Concen: 27.572 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	312570		
129	11.1	8.7	13.1	
127	13.0	10.8	16.2	

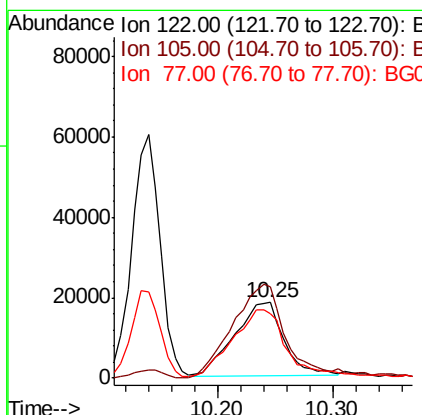
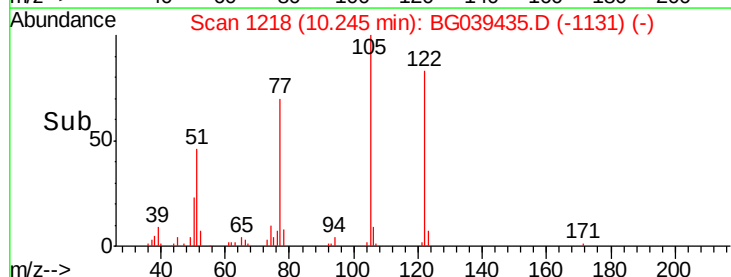
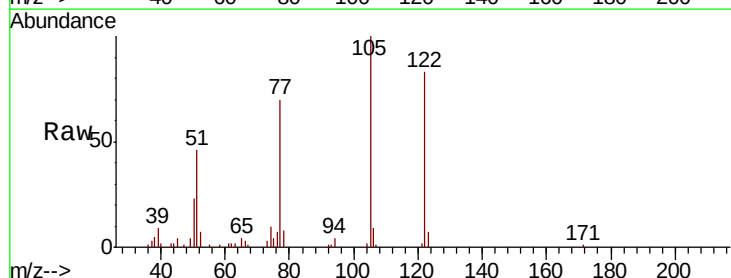
Manual Integrations
APPROVED

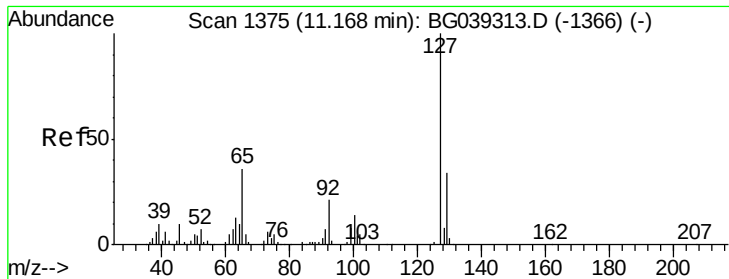
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#32
Benzoic acid
Concen: 29.685 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	54637		
105	120.8	101.8	141.8	
77	85.0	76.3	116.3	





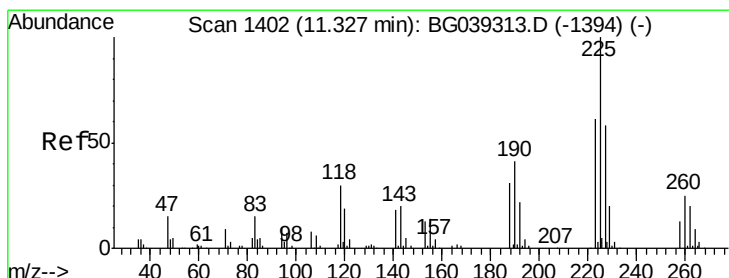
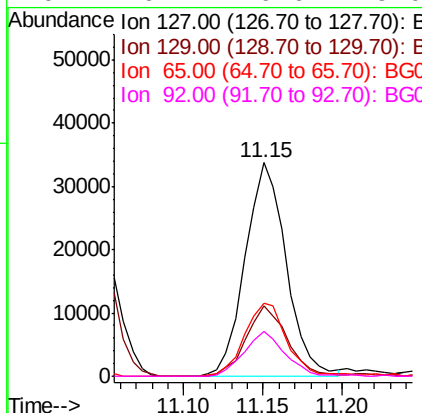
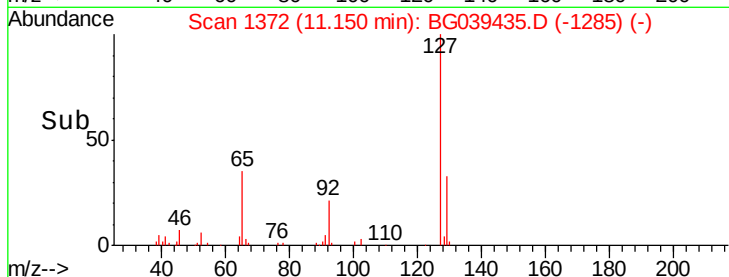
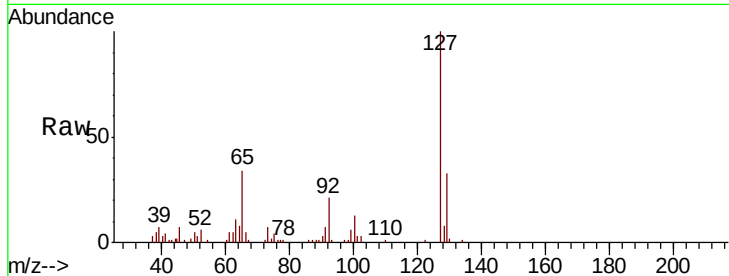
#33
4-Chloroaniline
Concen: 11.566 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	33.9	28.8	43.2
92	20.7	16.6	25.0

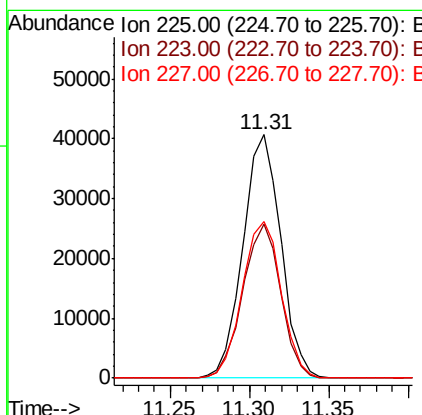
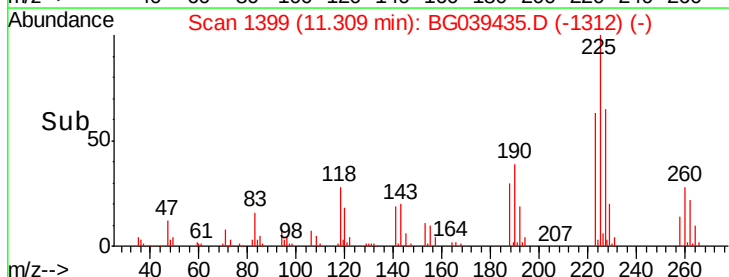
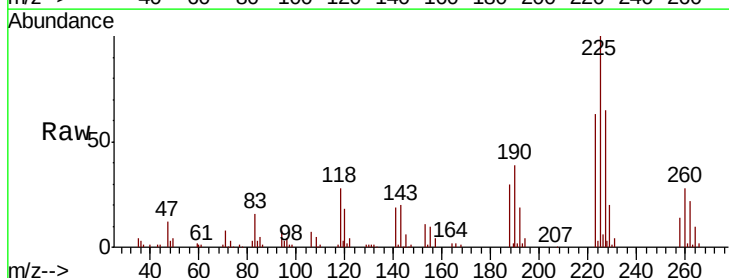
Manual Integrations
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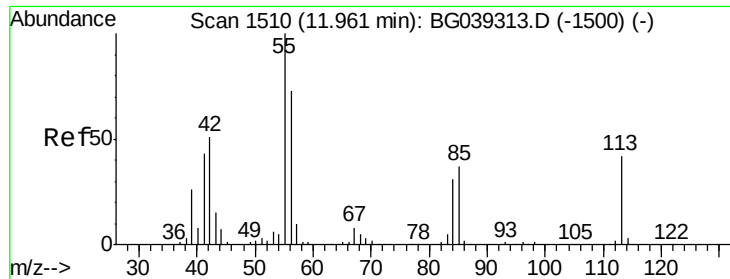
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#34
Hexachlorobutadiene
Concen: 25.291 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.0	73.6
227	64.6	46.3	69.5





#35

Caprolactam

Concen: 26.269 ng/mL

RT: 11.92 min Scan# 1503

Delta R.T. -0.04 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

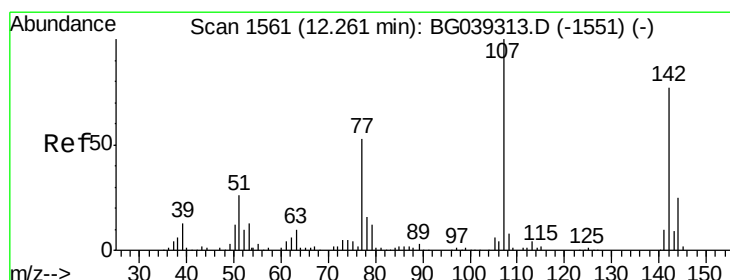
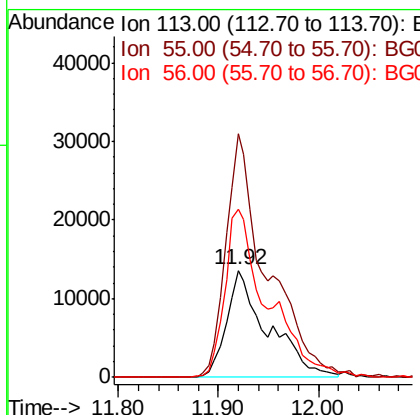
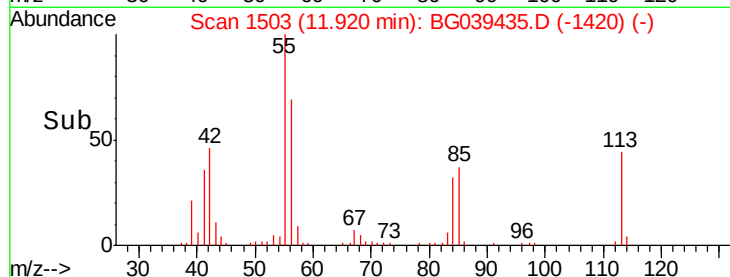
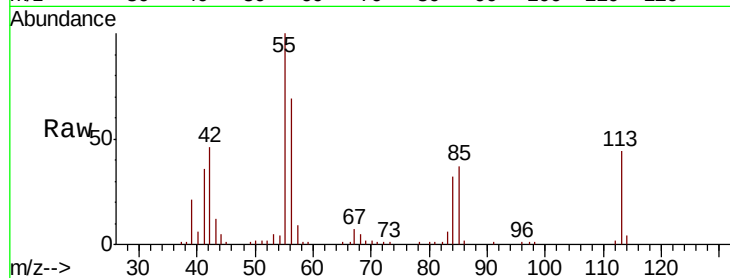
ClientSampleId :

PB116987BS

Tot Ion:	113	Resp:	38956
Ion Ratio	Lower	Upper	
113	100		
55	228.0	216.9	256.9
56	157.1	152.6	192.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 29.112 ng/mL

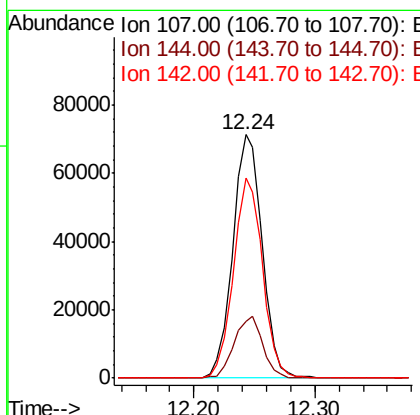
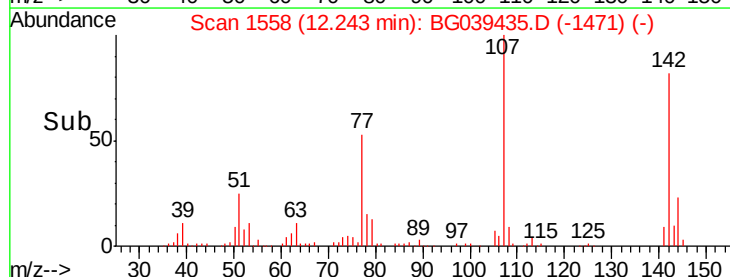
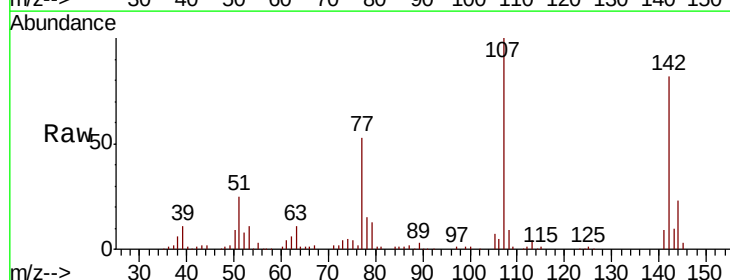
RT: 12.24 min Scan# 1558

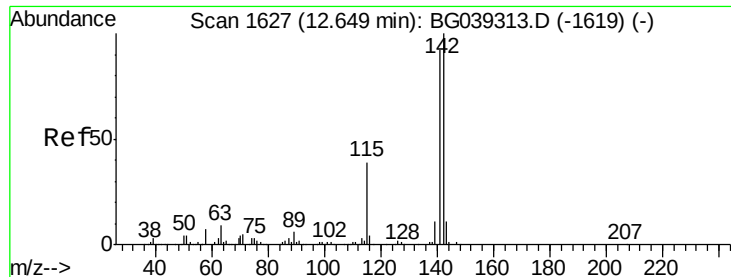
Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	107	Resp:	120657
Ion Ratio	Lower	Upper	
107	100		
144	23.1	20.2	30.2
142	82.1	61.4	92.2





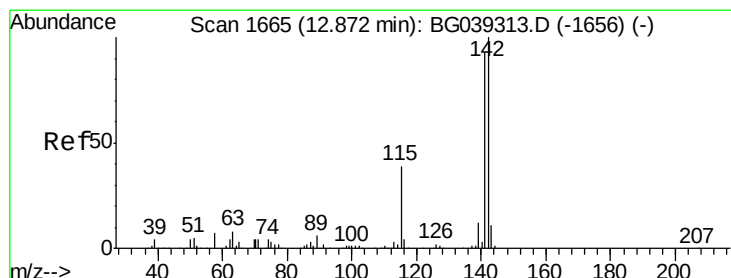
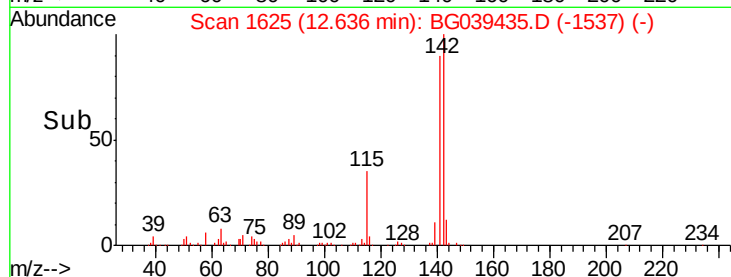
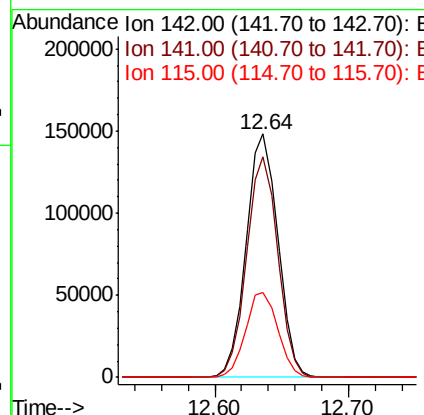
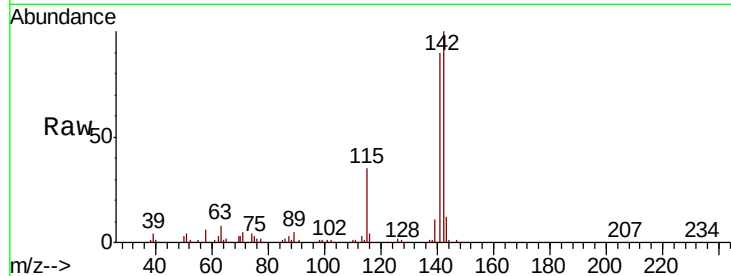
#37
2-Methylnaphthalene
Concen: 28.862 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3
115	34.7	30.8	46.2

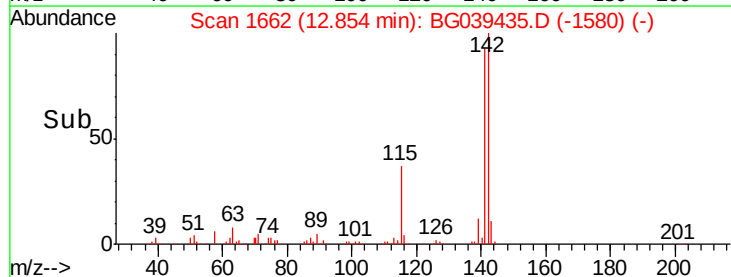
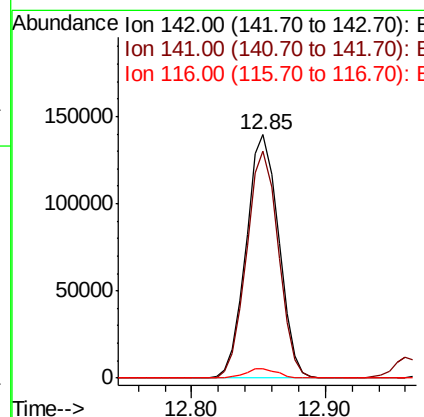
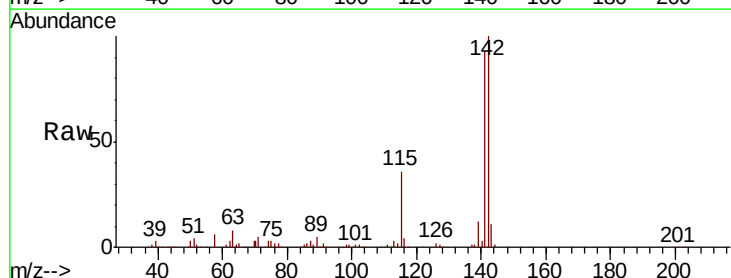
Manual Integrations
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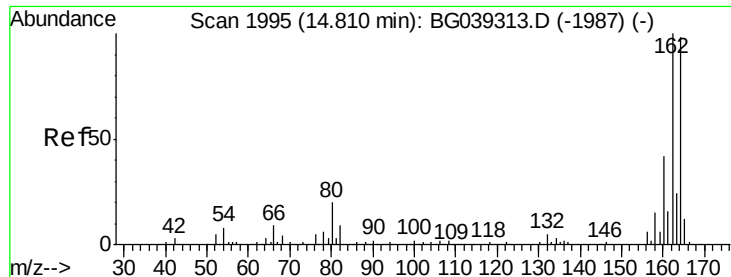
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#38
1-Methylnaphthalene
Concen: 28.962 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.7	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

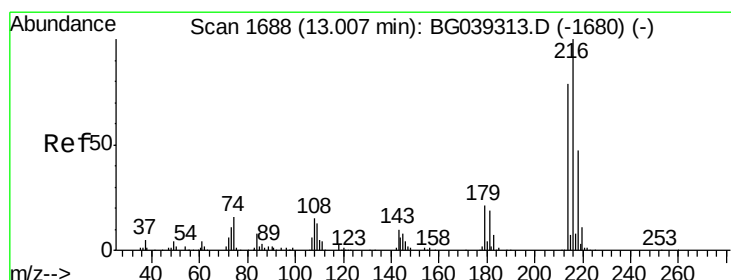
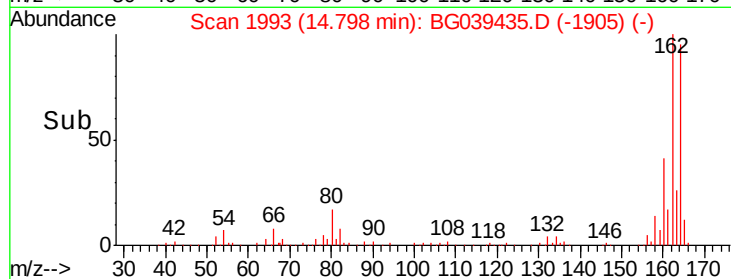
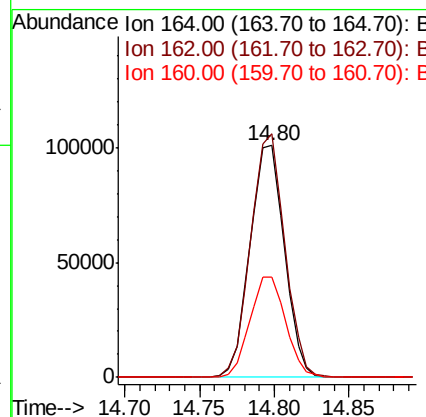
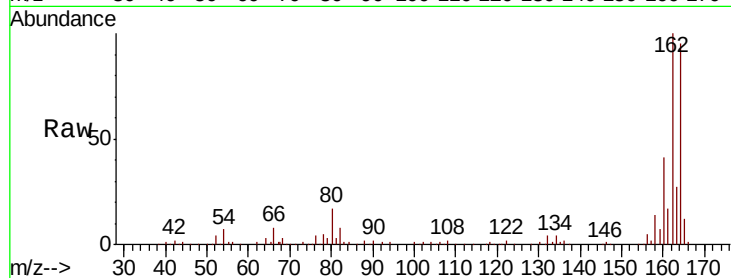
ClientSampleId :

PB116987BS

Tot Ion:	164	Resp:	160859
Ion Ratio	Lower	Upper	
164	100		
162	105.0	81.6	122.4
160	43.0	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 25.520 ng

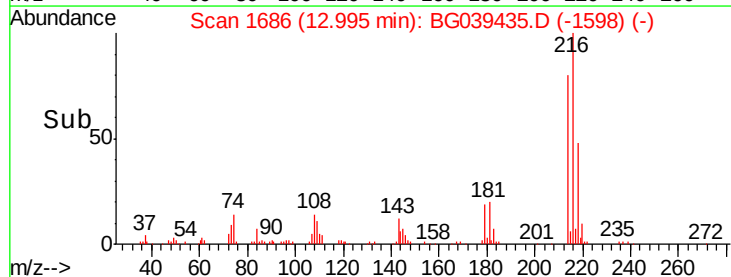
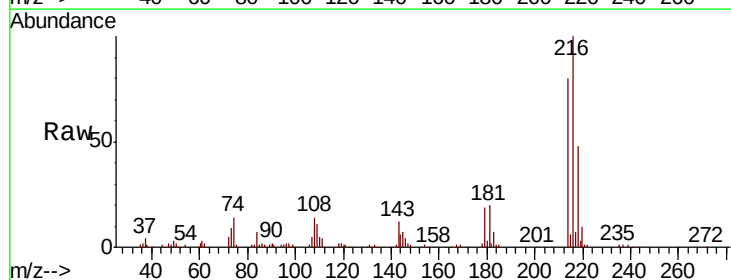
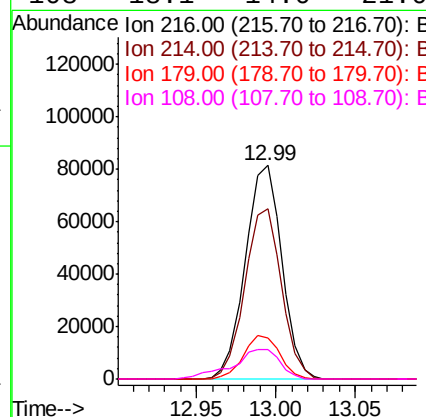
RT: 12.99 min Scan# 1686

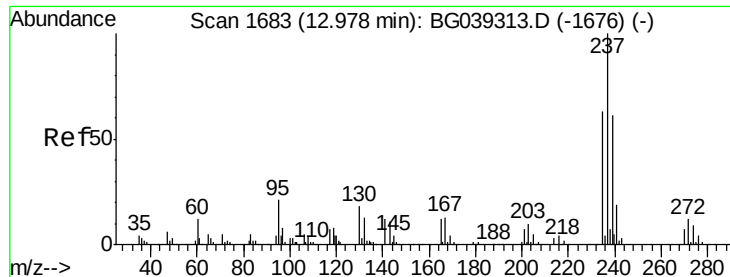
Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	216	Resp:	130611
Ion Ratio	Lower	Upper	
216	100		
214	79.7	62.6	94.0
179	20.1	16.6	25.0
108	18.1	14.0	21.0





#41

Hexachlorocyclopentadiene

Concen: 60.662 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

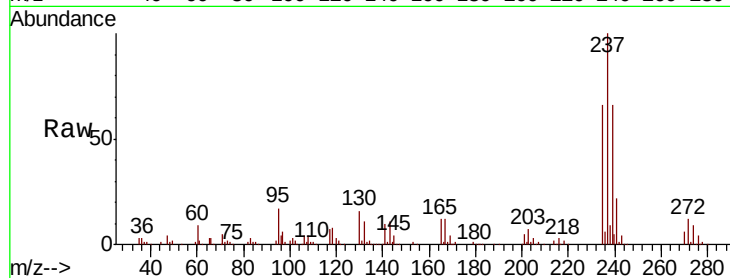
ClientSampleId :

PB116987BS

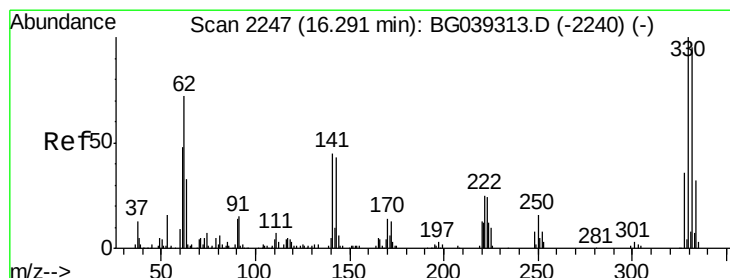
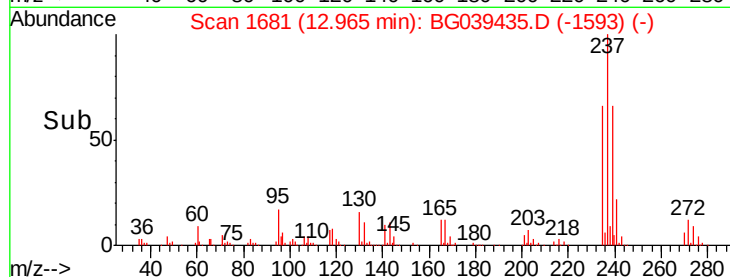
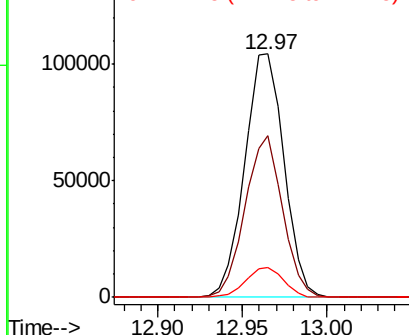
Tot Ion:	237	Resp:	169181
Ion Ratio	Lower	Upper	
237	100		
235	66.5	43.3	83.3
272	12.4	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 92.080 ng

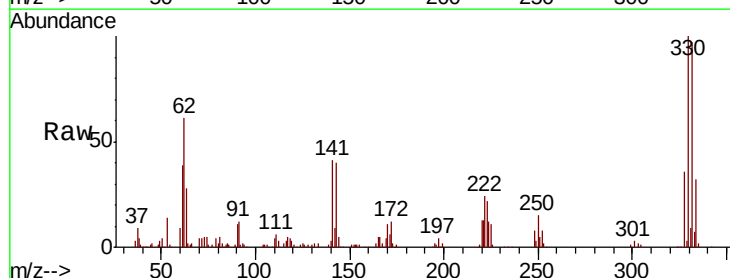
RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

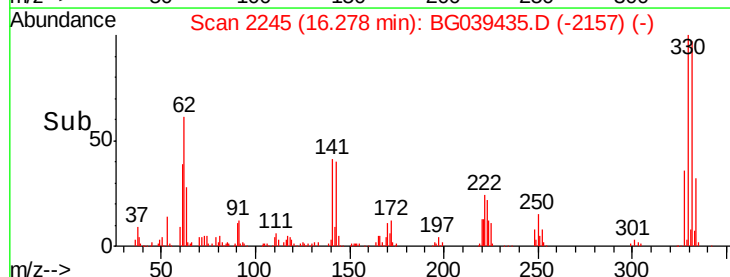
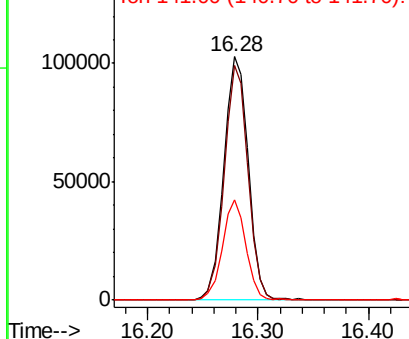
Lab File: BG039435.D

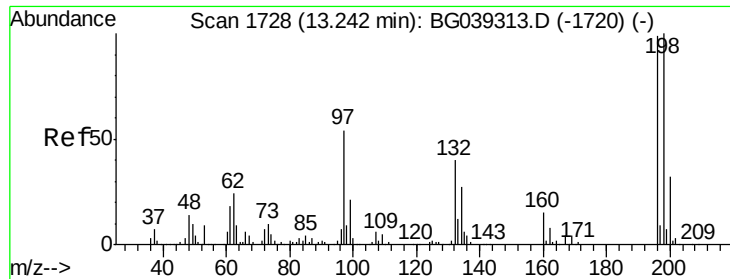
Acq: 11 Feb 2019 15:35

Tgt Ion:	330	Resp:	159498
Ion Ratio	Lower	Upper	
330	100		
332	93.3	75.7	113.5
141	39.3	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





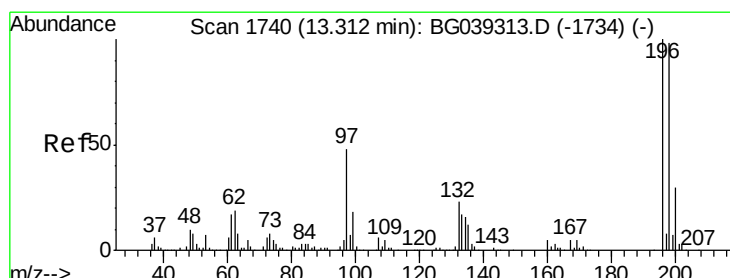
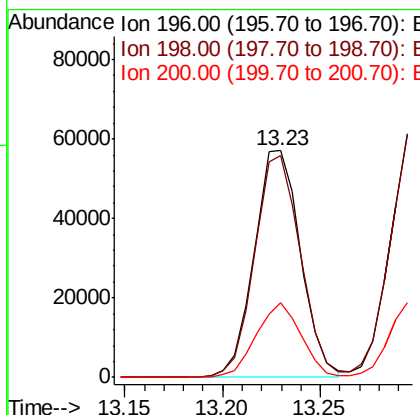
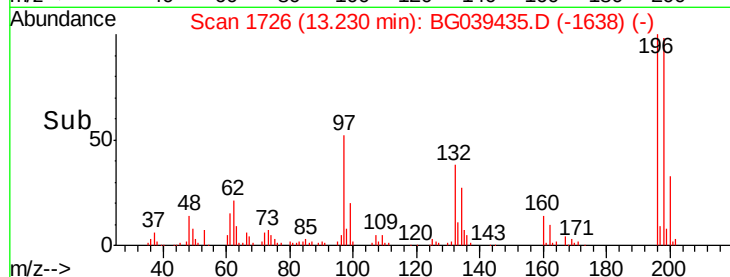
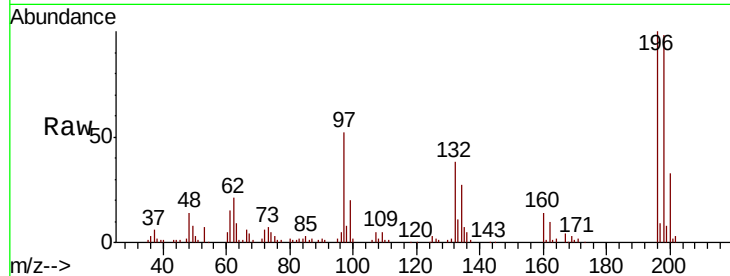
#43
 2,4,6-Trichlorophenol
 Concen: 29.725 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	93541		
198	97.8	80.6	121.0	
200	33.1	26.1	39.1	

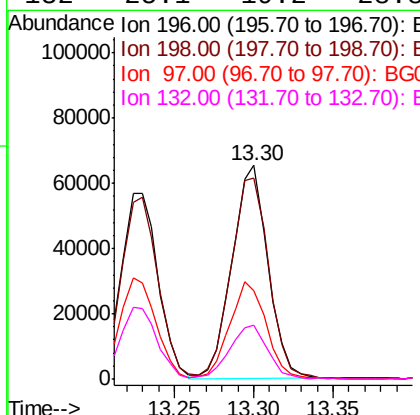
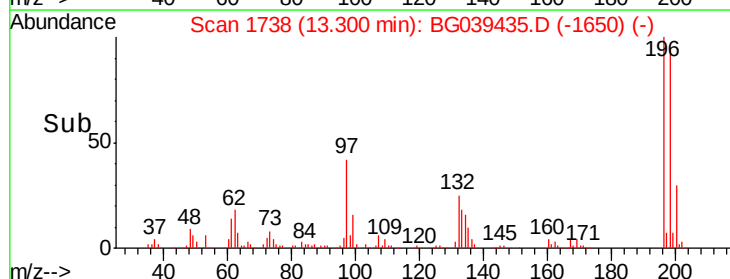
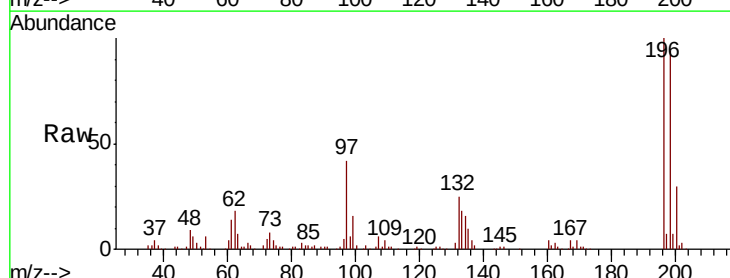
Manual Integrations
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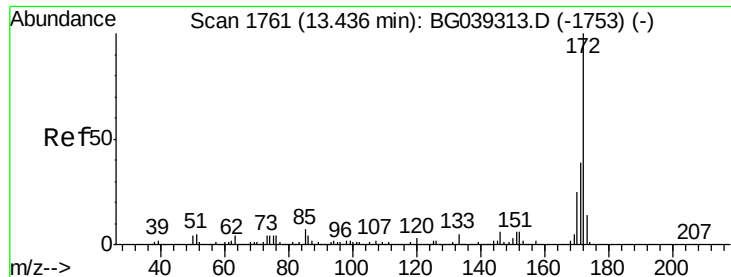
Sohil
 2/12/2019 12:07:36 PM



#44
 2,4,5-Trichlorophenol
 Concen: 31.047 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102399		
198	94.1	78.5	117.7	
97	41.6	38.4	57.6	
132	25.1	19.2	28.8	





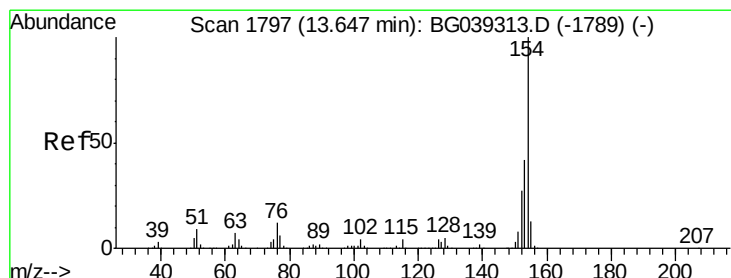
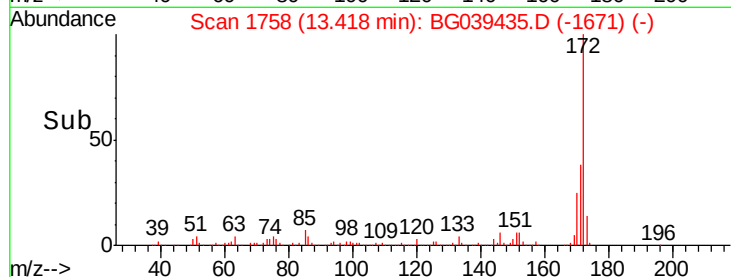
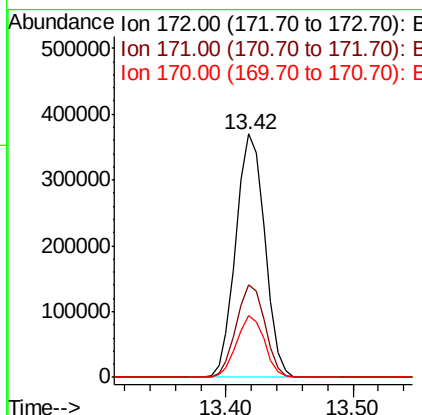
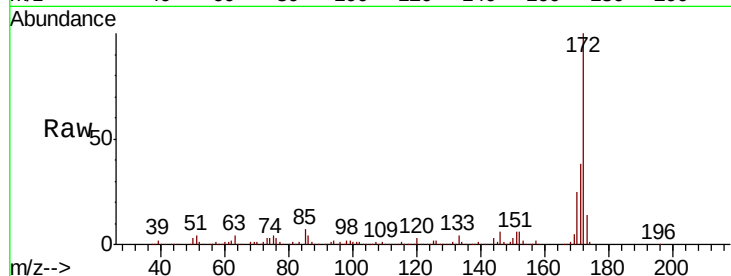
#45
2-Fluorobiphenyl
Concen: 52.079 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.8	46.2
170	25.5	20.2	30.4

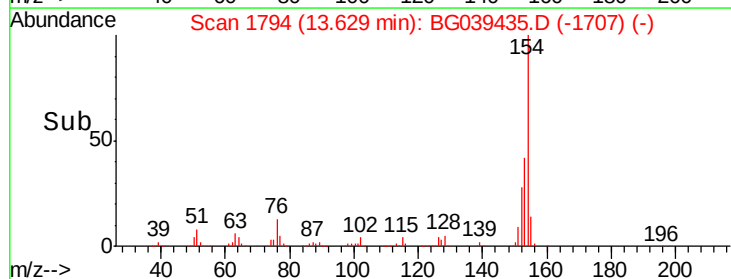
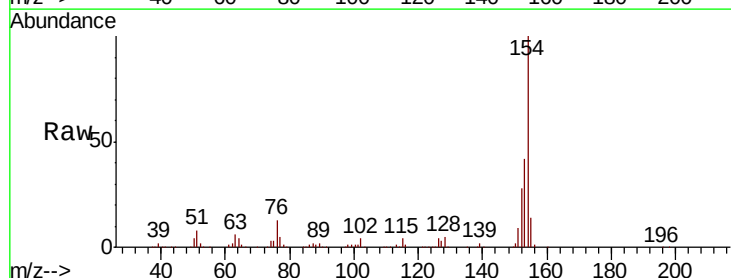
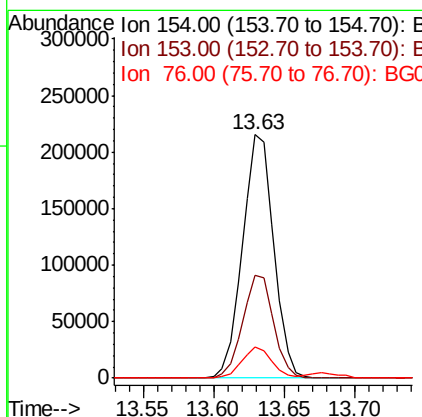
Manual Integrations
APPROVED

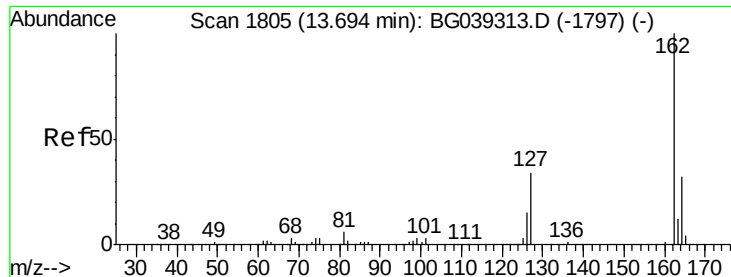
Sohil
2/12/2019 12:07:36 PM



#46
1,1'-Biphenyl
Concen: 24.875 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.1	62.1
76	12.7	0.0	32.4





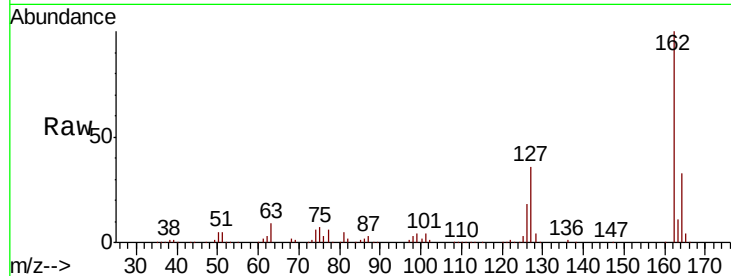
#47
2-Chloronaphthalene
Concen: 25.625 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

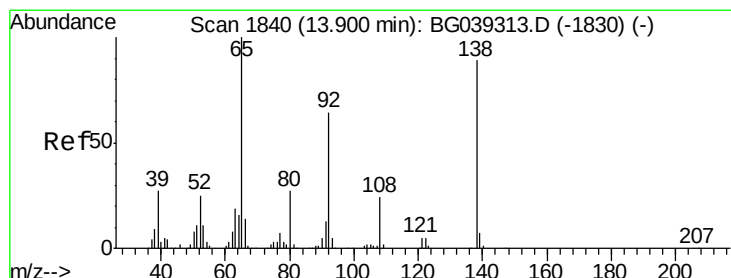
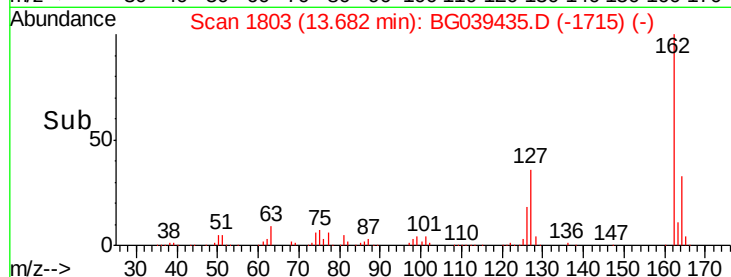
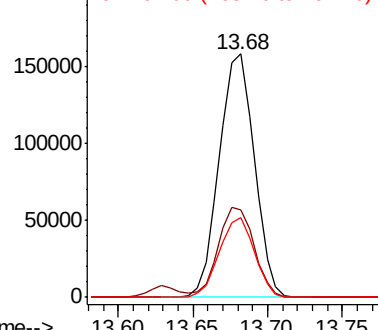
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	31.0	46.6
164	32.7	25.7	38.5

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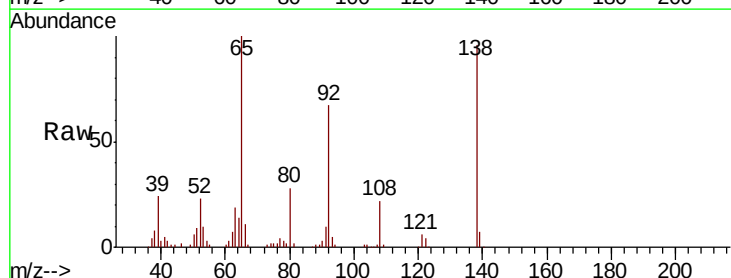


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

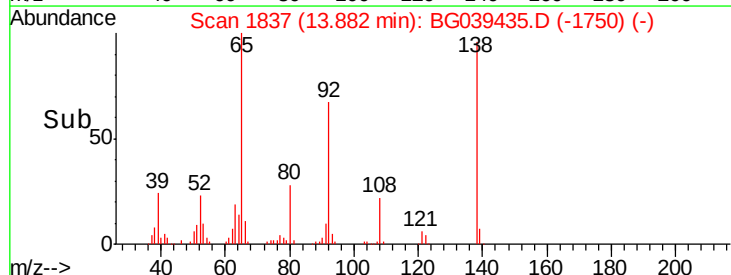
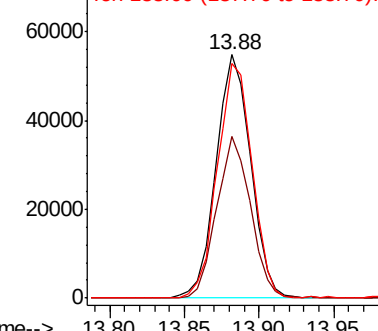


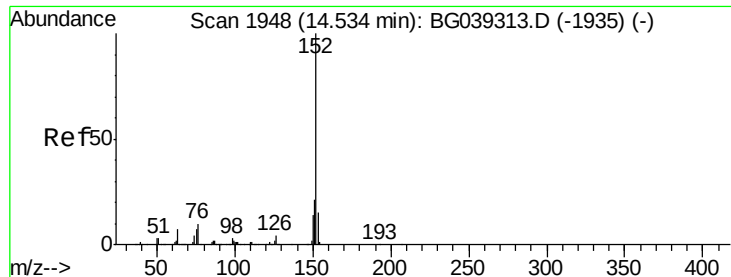
#48
2-Nitroaniline
Concen: 33.376 ng
RT: 13.88 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	51.4	77.2
138	96.2	71.4	107.2



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





#49

Acenaphthylene

Concen: 27.960 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

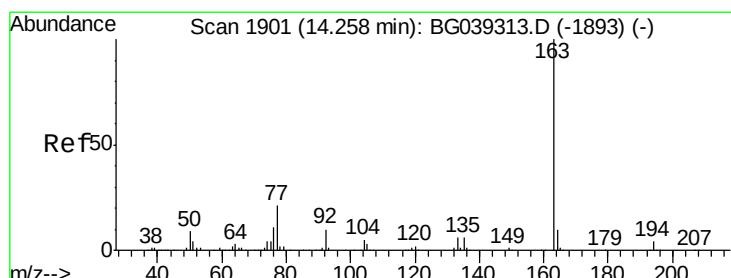
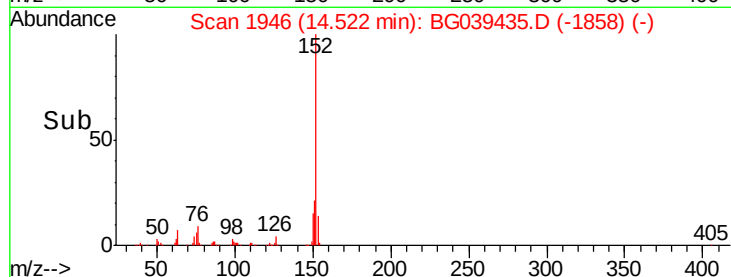
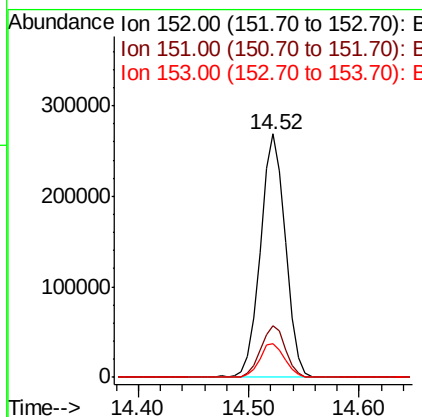
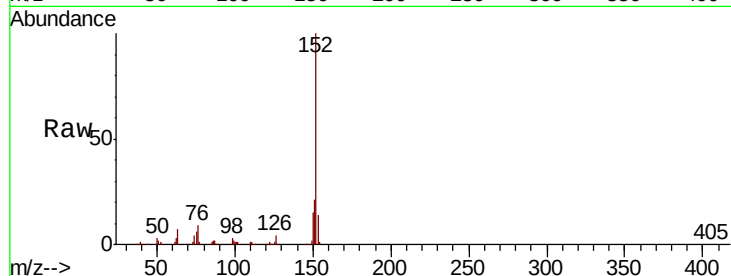
ClientSampleId :

PB116987BS

Tot Ion:	152	Resp:	424781
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	14.1	11.7	17.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 26.936 ng

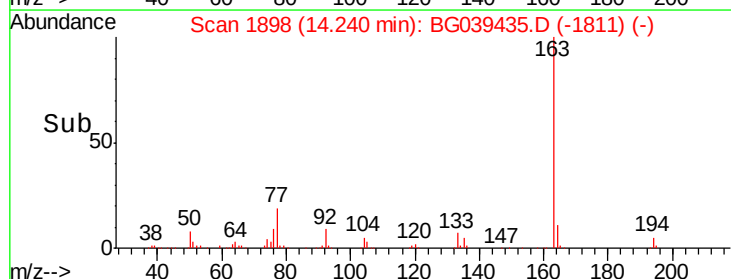
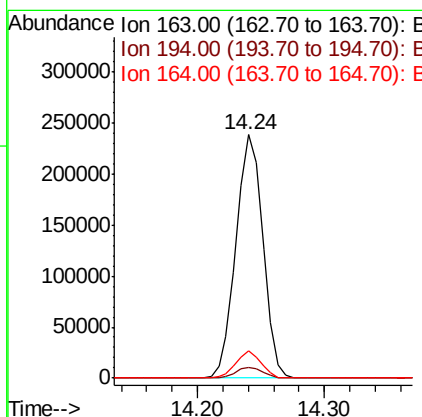
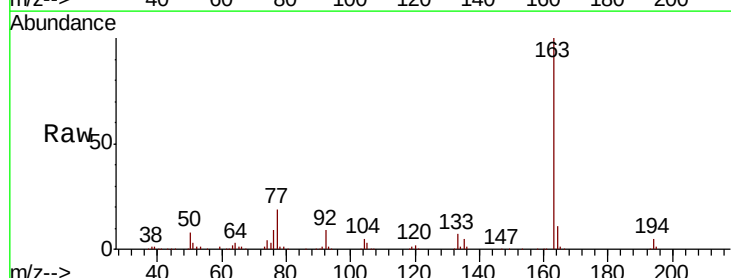
RT: 14.24 min Scan# 1898

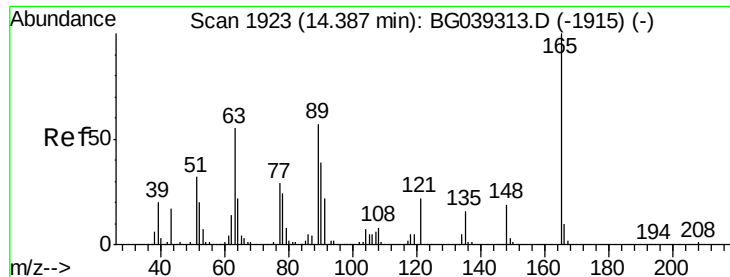
Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	163	Resp:	349948
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	11.1	8.4	12.6





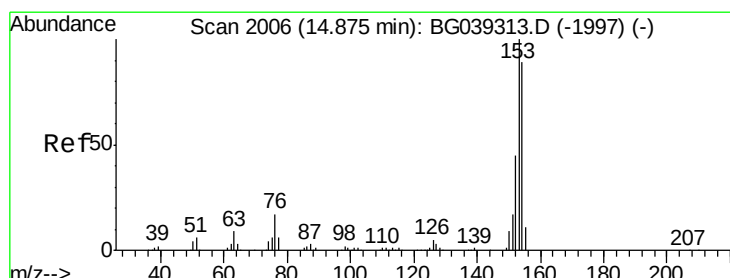
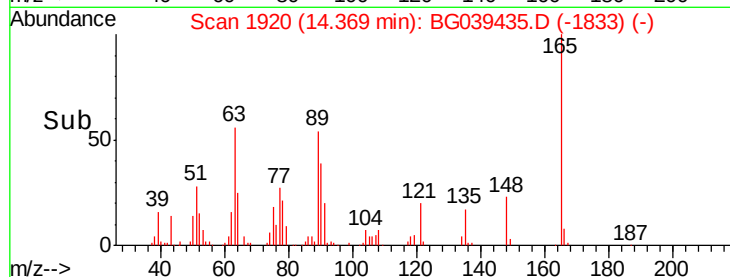
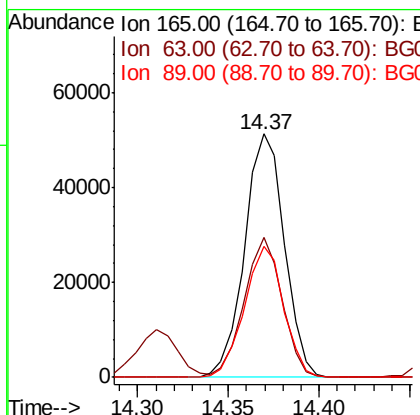
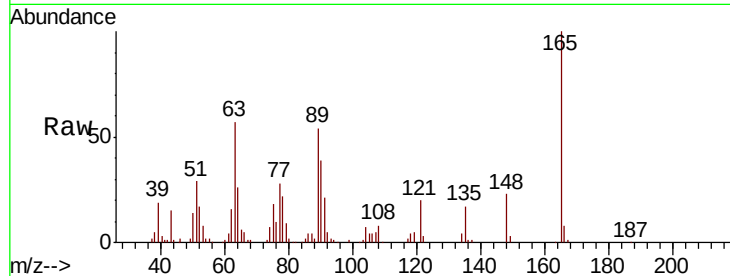
#51
2,6-Dinitrotoluene
Concen: 34.267 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	77926		
63	57.5		47.0	70.6
89	53.9		45.8	68.8

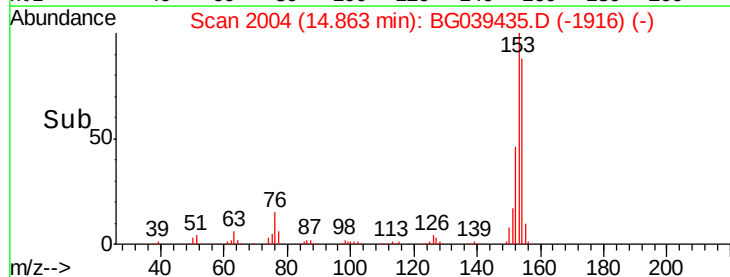
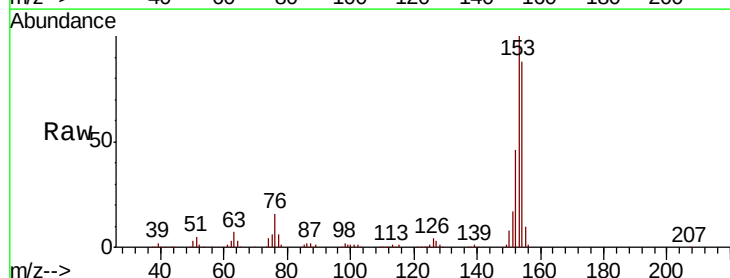
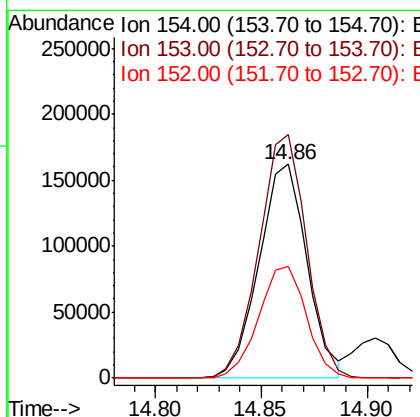
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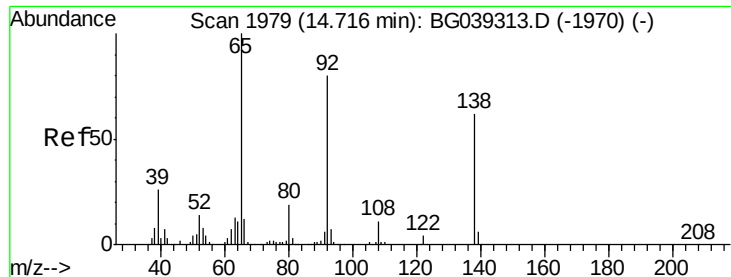
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#52
Acenaphthene
Concen: 26.008 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	256484		
153	113.8		90.1	135.1
152	52.1		40.9	61.3





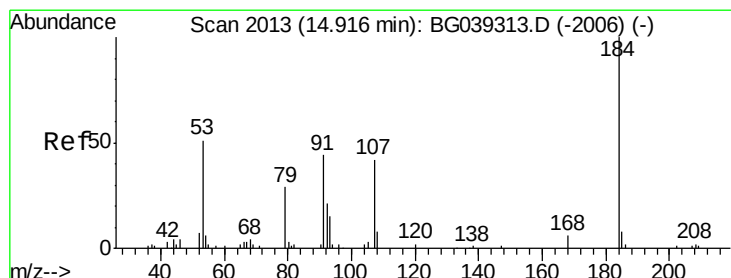
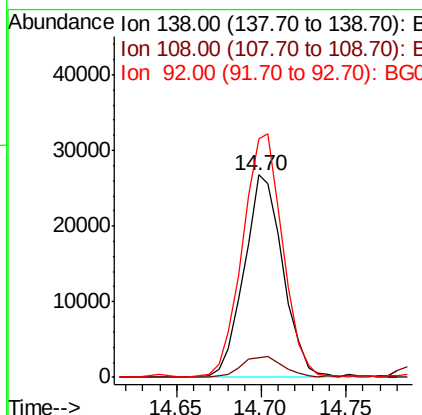
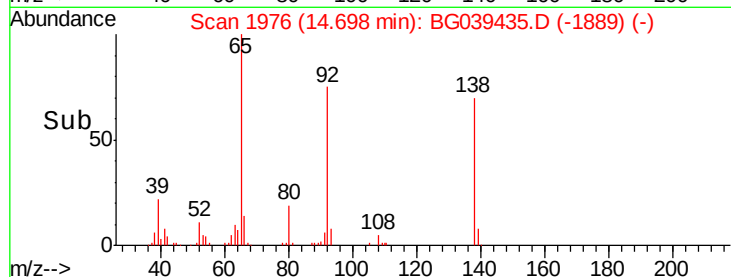
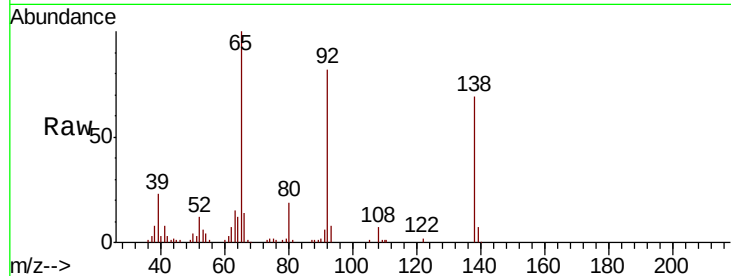
#53
3-Nitroaniline
Concen: 20.094 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion:138 Resp: 42611
Ion Ratio Lower Upper
138 100
108 9.6 13.8 20.8#
92 117.6 103.7 155.5

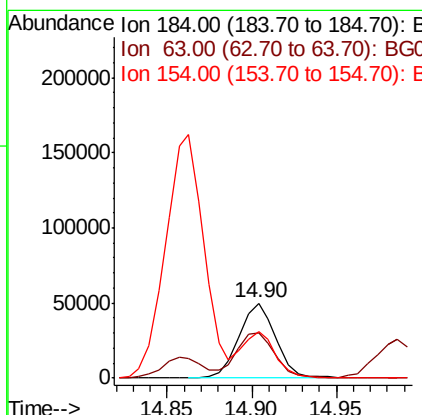
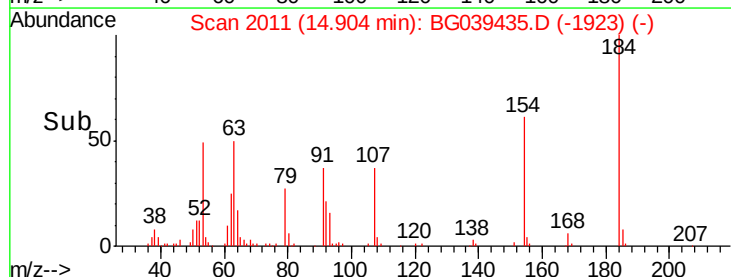
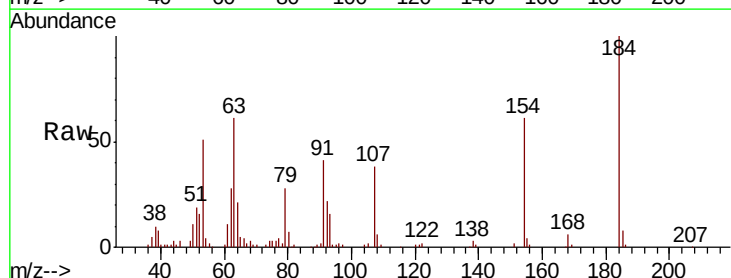
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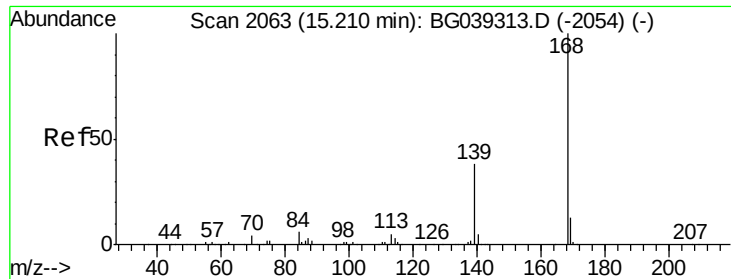
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2/12/2019 12:07:36 PM



#54
2,4-Dinitrophenol
Concen: 73.190 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion:184 Resp: 75309
Ion Ratio Lower Upper
184 100
63 60.5 50.9 76.3
154 61.2 53.0 79.6





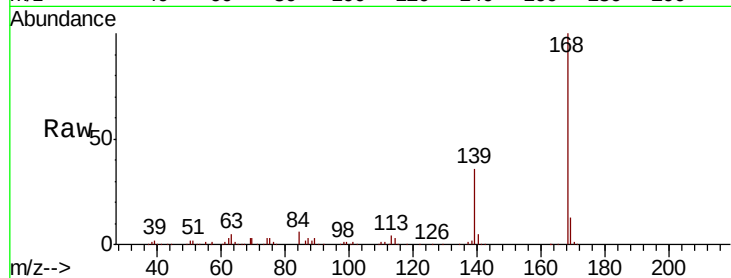
#55
Dibenzofuran
Concen: 26.941 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1
169	13.3	10.6	16.0

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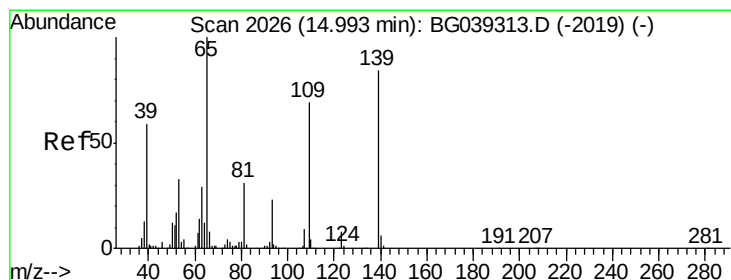
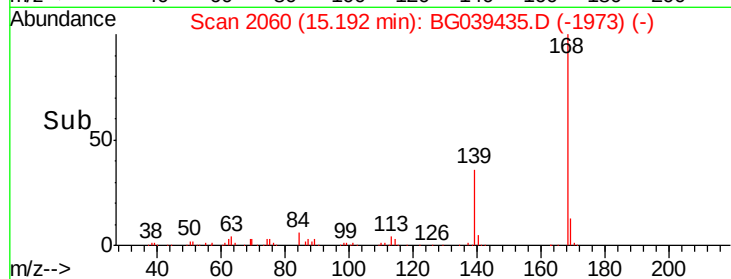
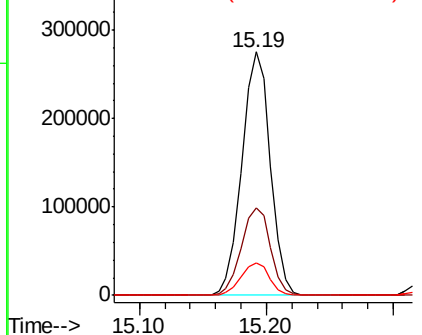


Abundance

Ion 168.00 (167.70 to 168.70): E

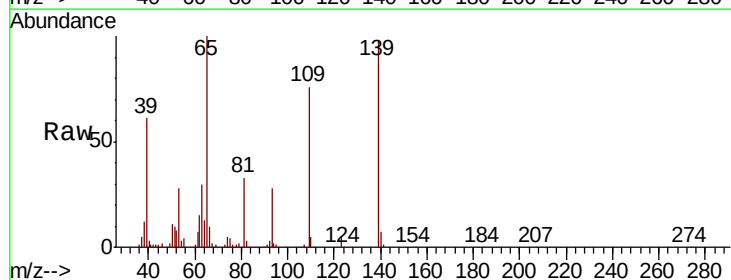
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 60.690 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.9	61.9	101.9
65	102.2	99.1	139.1

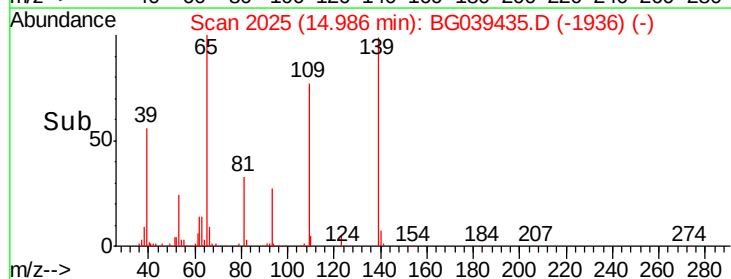
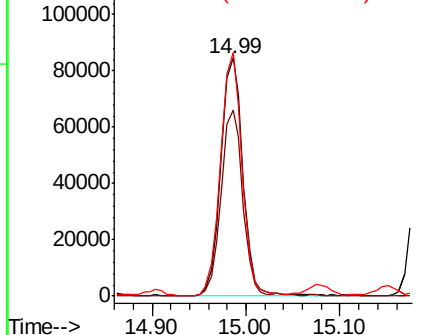


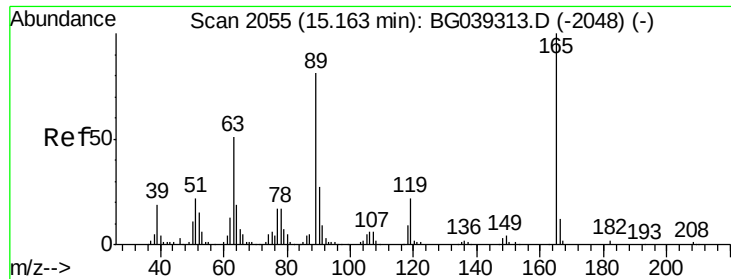
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





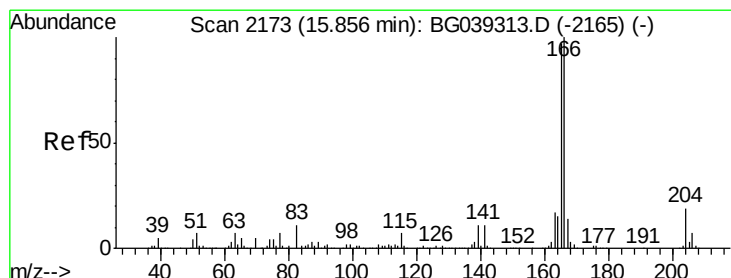
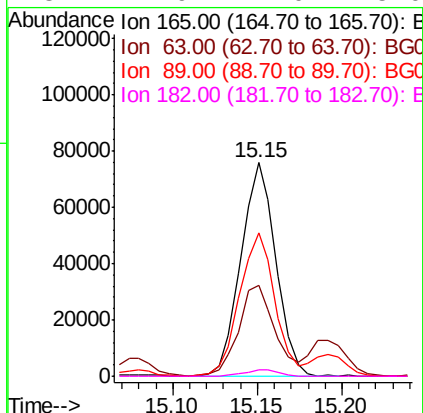
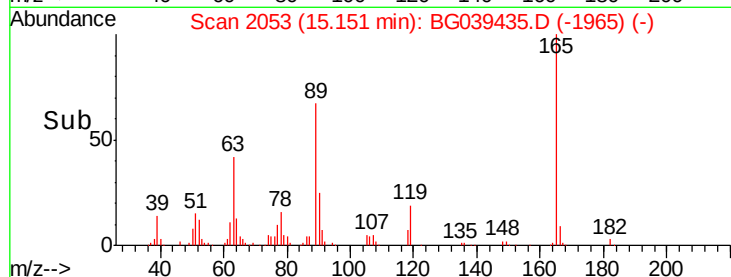
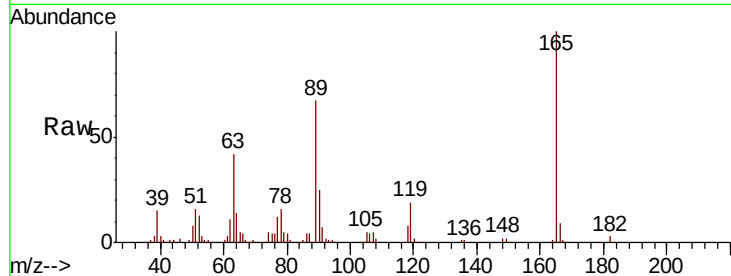
#57
2,4-Dinitrotoluene
Concen: 37.197 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109145		
63	42.4	41.0	61.6	
89	67.3	64.6	96.8	
182	2.9	2.0	3.0	

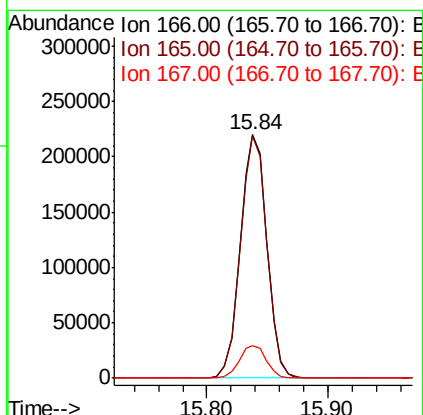
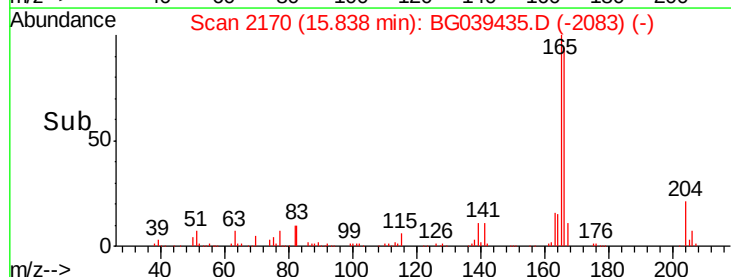
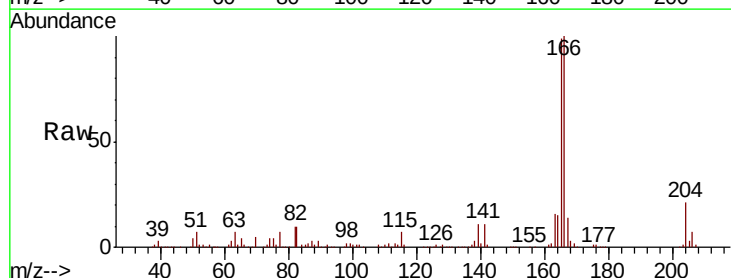
Manual Integrations
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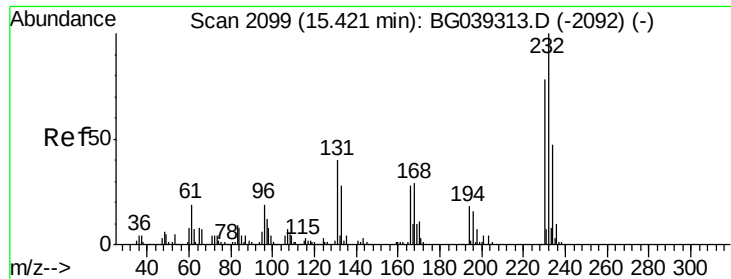
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#58
Fluorene
Concen: 28.496 ng
RT: 15.84 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	335883		
165	99.4	77.9	116.9	
167	13.5	10.8	16.2	





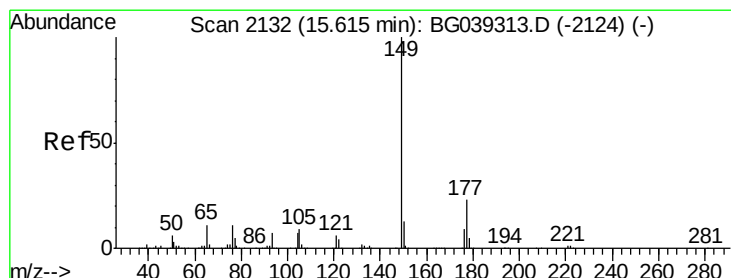
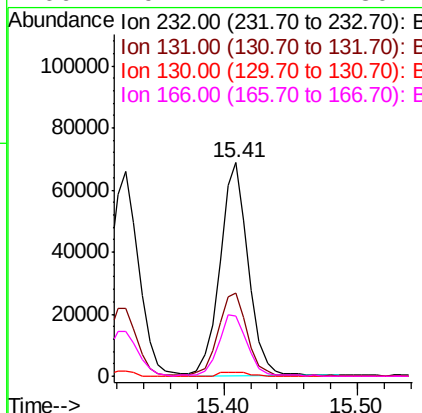
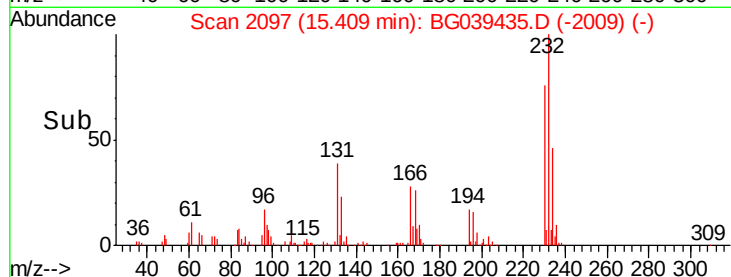
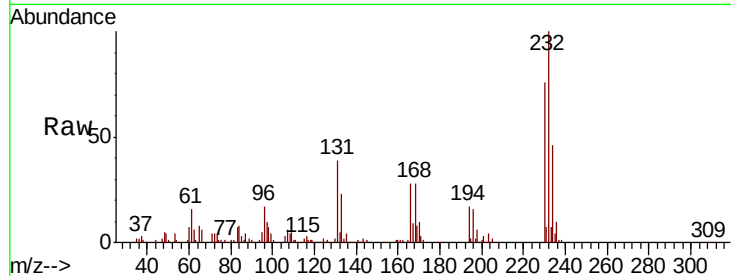
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.090 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampled :
 PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	40.8	34.9	52.3		
130	2.2	2.0	3.0		
166	29.2	24.1	36.1		

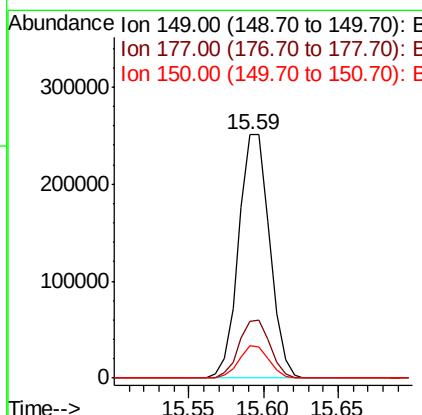
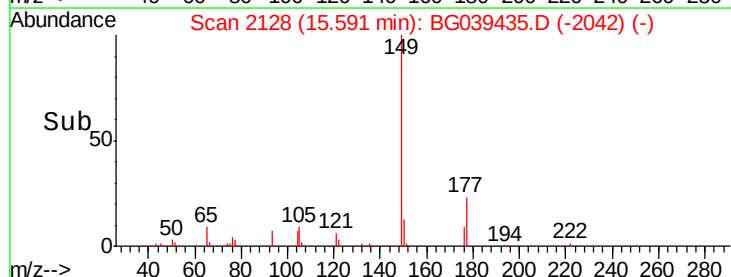
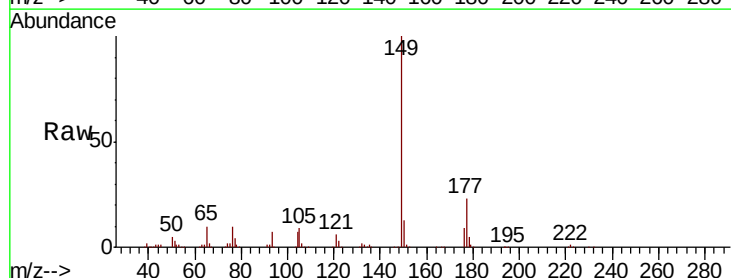
Manual Integrations
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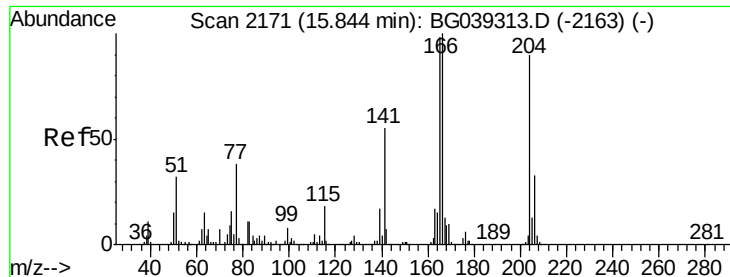
Sohil
 2/12/2019 12:07:36 PM



#60
 Diethylphthalate
 Concen: 26.865 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	23.2	18.3	27.5		
150	13.4	10.2	15.2		





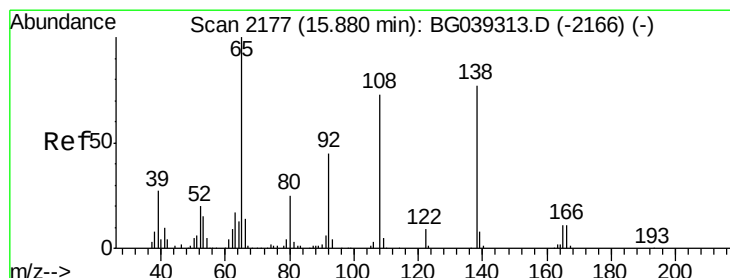
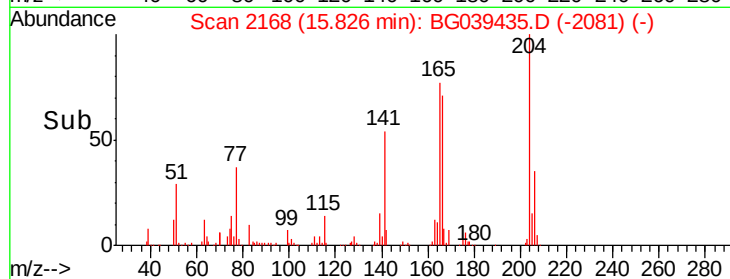
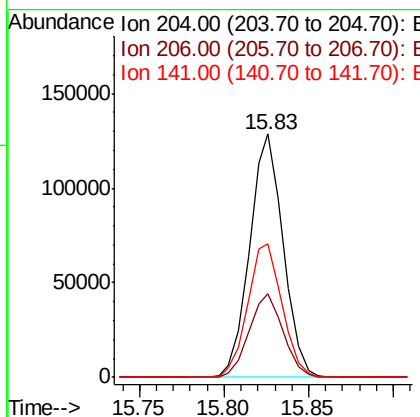
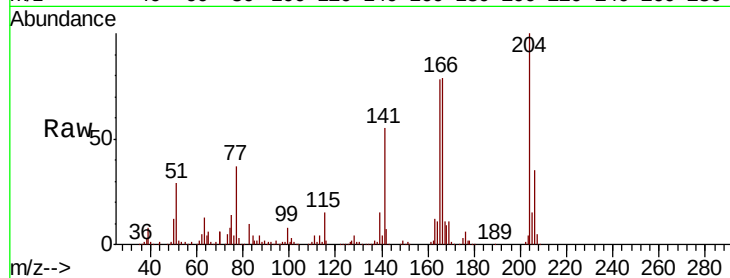
#61
4-Chlorophenyl-phenylether
Concen: 26.478 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	29.2	43.8
141	54.8	49.0	73.4

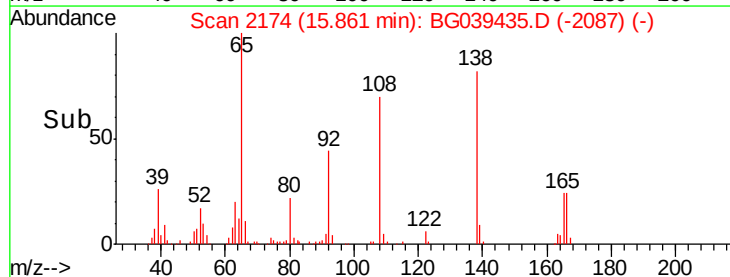
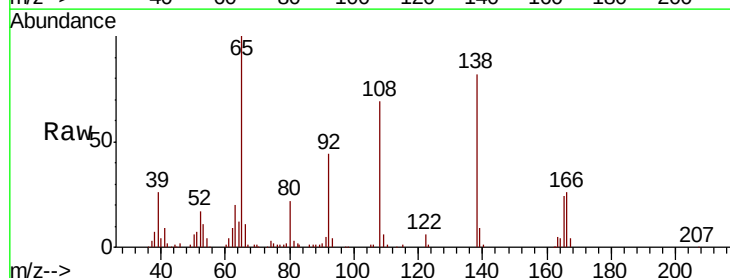
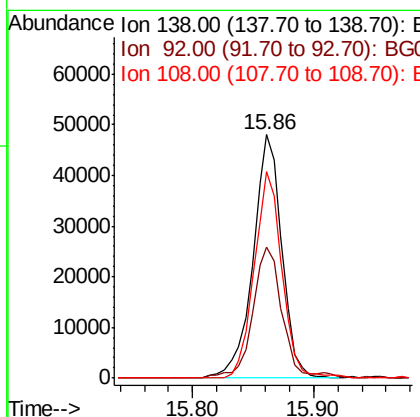
Manual Integrations
APPROVED

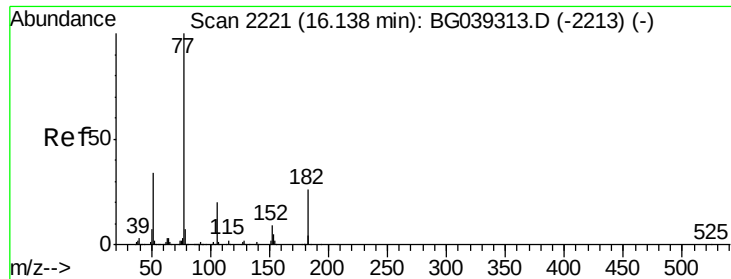
Sohil
2/12/2019 12:07:36 PM



#62
4-Nitroaniline
Concen: 30.889 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	38.7	78.7
108	84.8	74.6	114.6





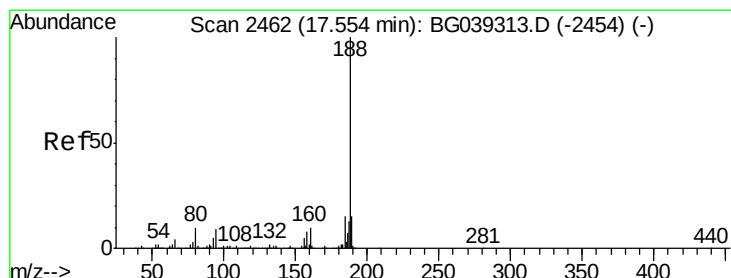
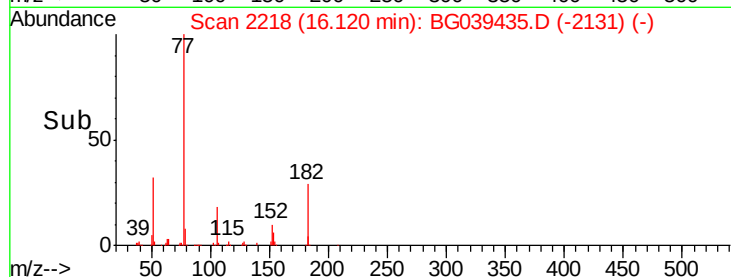
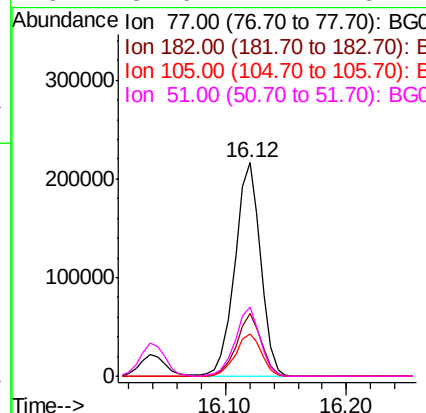
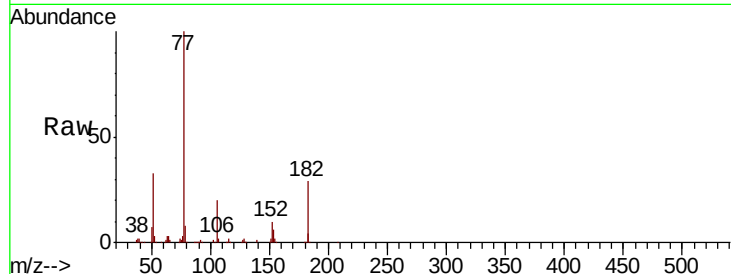
#63
Azobenzene
Concen: 24.288 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.2	6.4	46.4		
105	19.9	0.0	39.8		
51	32.6	14.1	54.1		

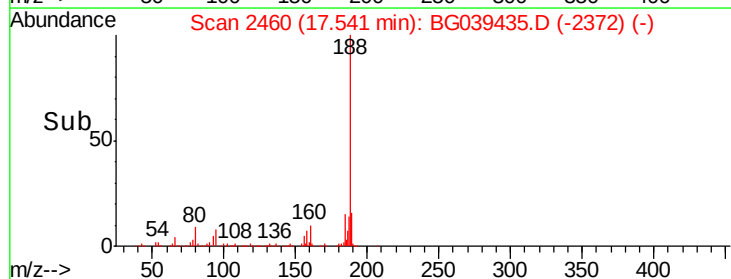
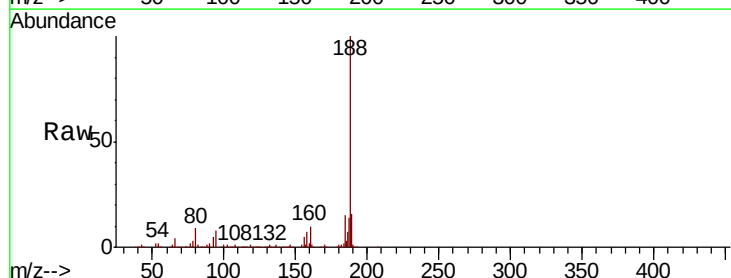
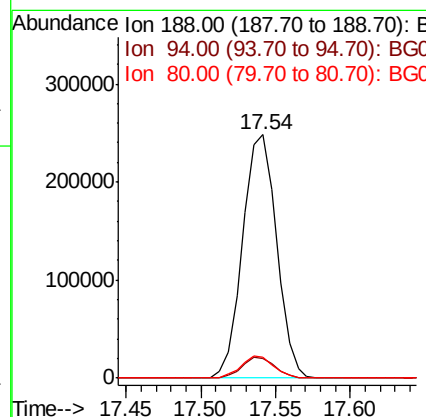
Manual Integrations
APPROVED

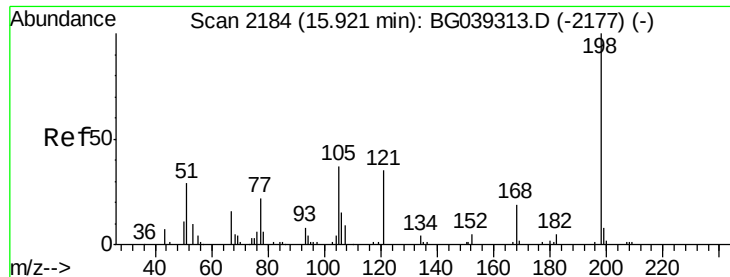
Sohil
2/12/2019 12:07:36 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.8	6.9	10.3		
80	8.7	8.1	12.1		





#65

4,6-Dinitro-2-methylphenol

Concen: 39.508 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

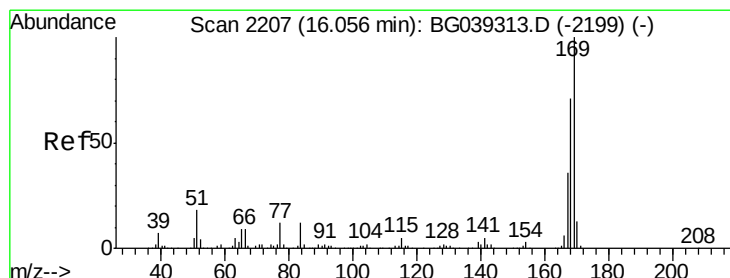
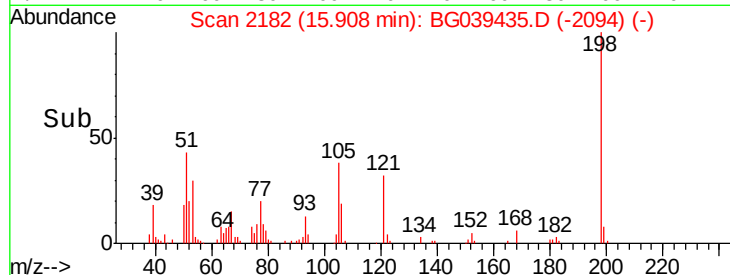
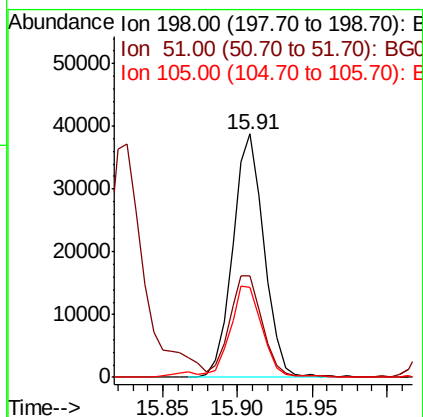
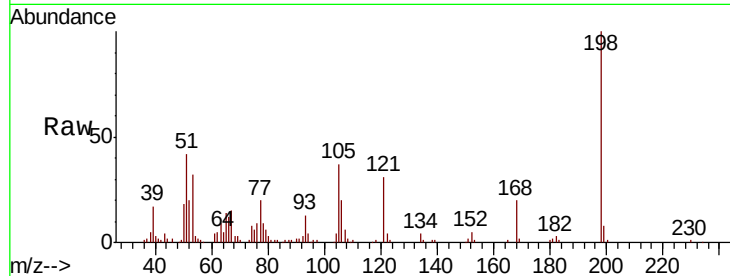
ClientSampleId :

PB116987BS

Tot Ion:	198	Resp:	56428
Ion Ratio	Lower	Upper	
198	100		
51	42.0	27.4	67.4
105	37.0	19.7	59.7

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 26.370 ng

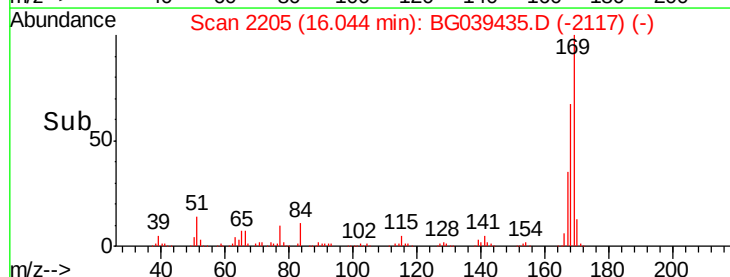
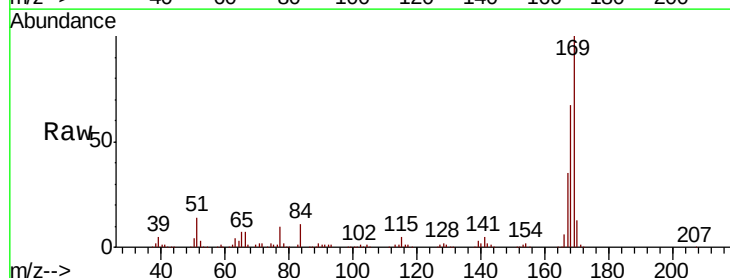
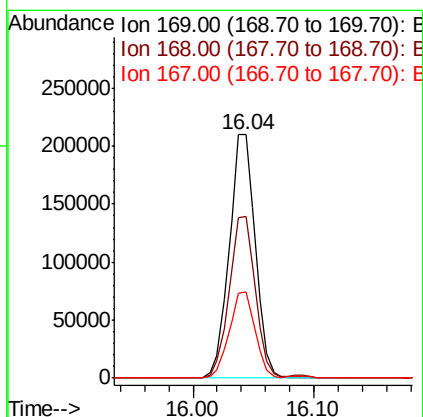
RT: 16.04 min Scan# 2205

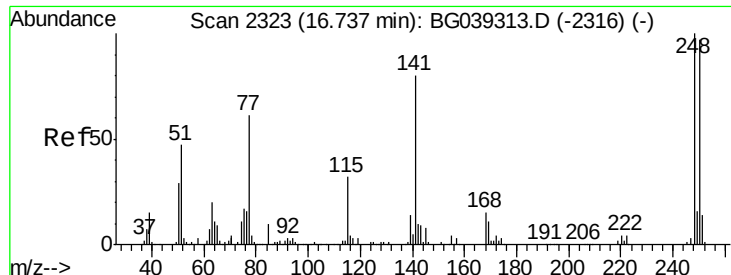
Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	169	Resp:	314252
Ion Ratio	Lower	Upper	
169	100		
168	66.5	56.6	85.0
167	35.3	28.8	43.2





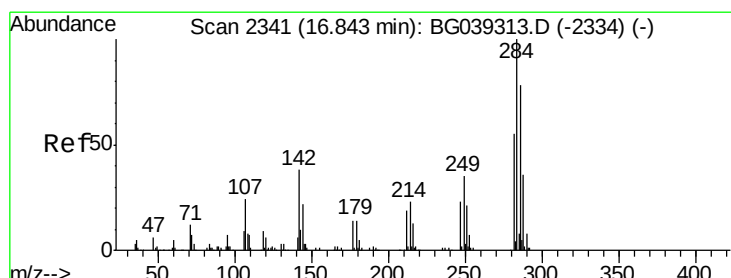
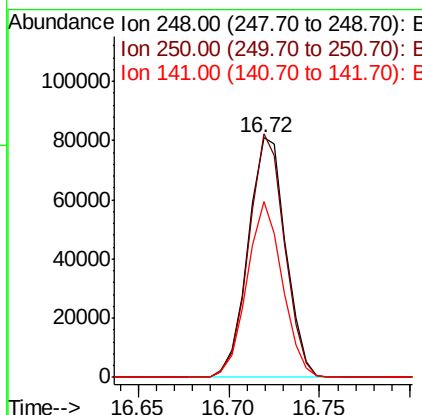
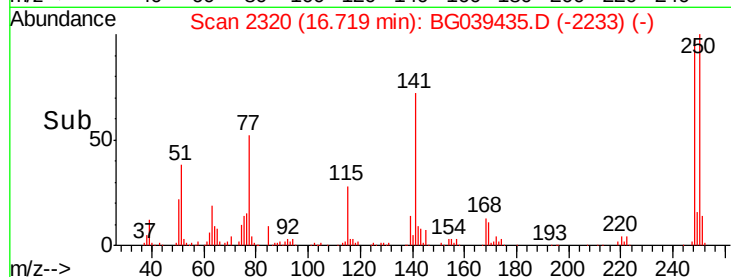
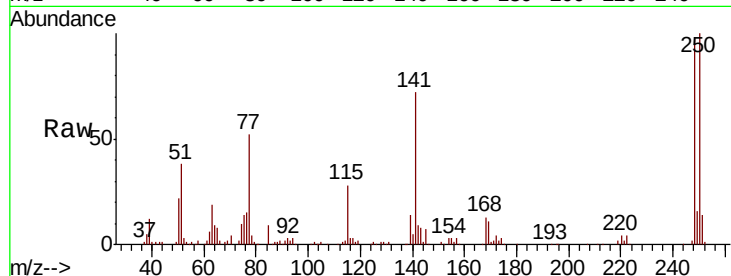
#67
4-Bromophenyl-phenylether
Concen: 26.719 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.7	77.6	116.4
141	73.3	63.9	95.9

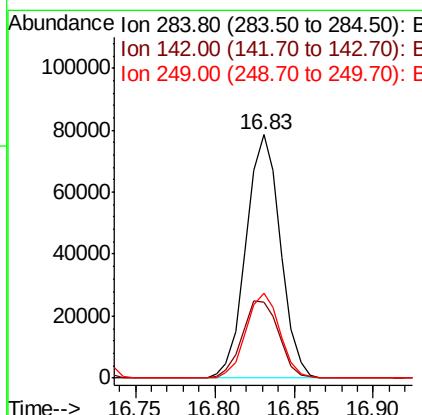
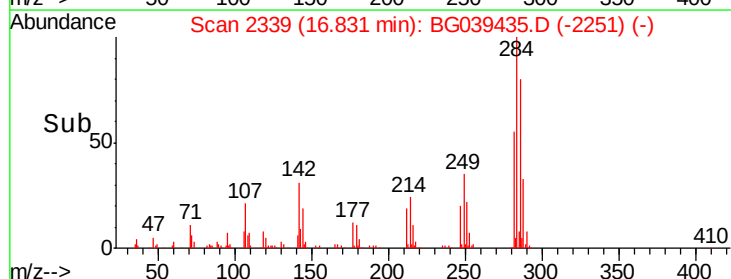
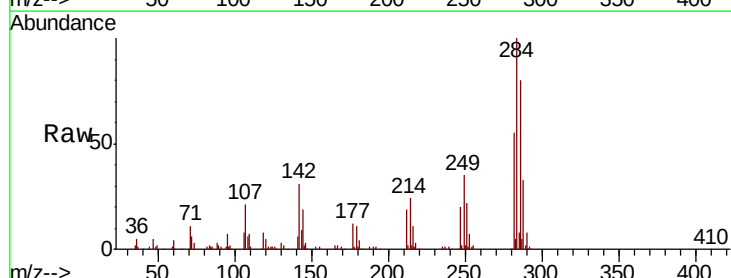
Manual Integrations
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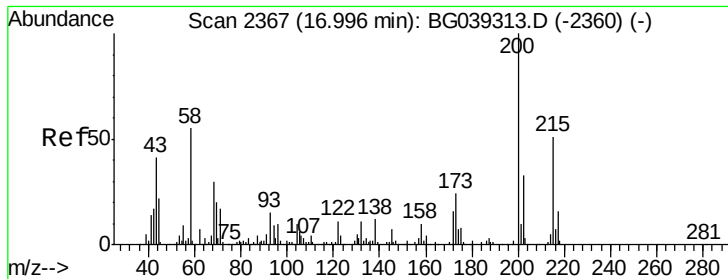
Sohil
2/12/2019 12:07:36 PM



#68
Hexachlorobenzene
Concen: 27.162 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	30.6	45.8
249	35.0	28.2	42.2





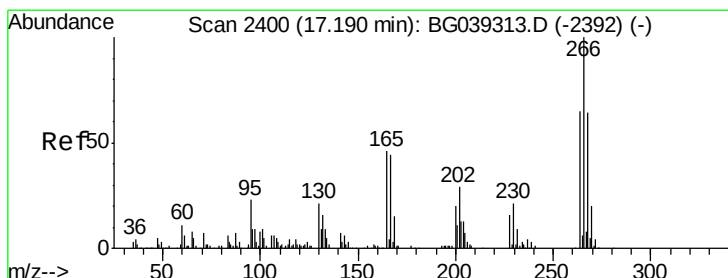
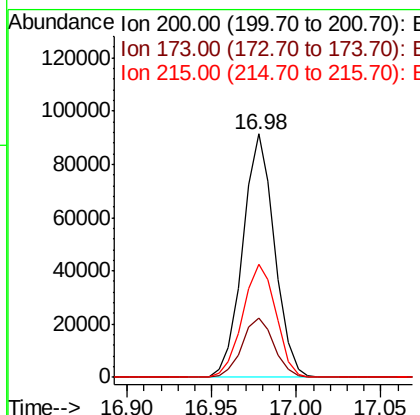
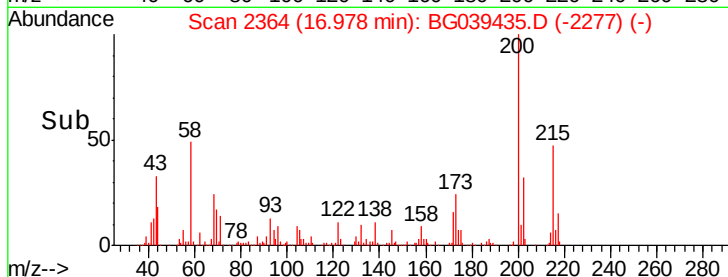
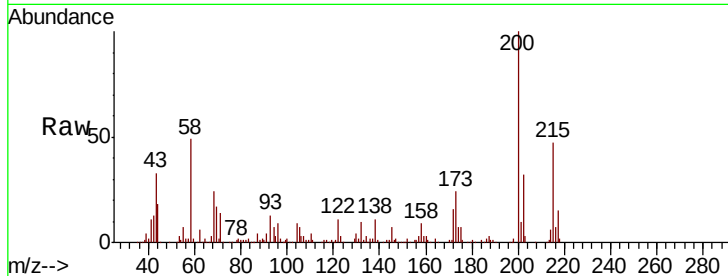
#69
 Atrazine
 Concen: 27.407 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

Tot Ion:	200	Resp:	119356
Ion Ratio	Lower	Upper	
200	100		
173	24.5	3.9	43.9
215	46.5	30.9	70.9

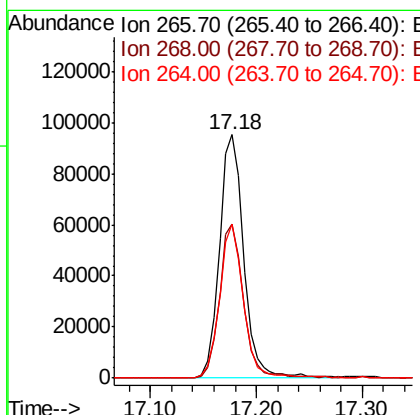
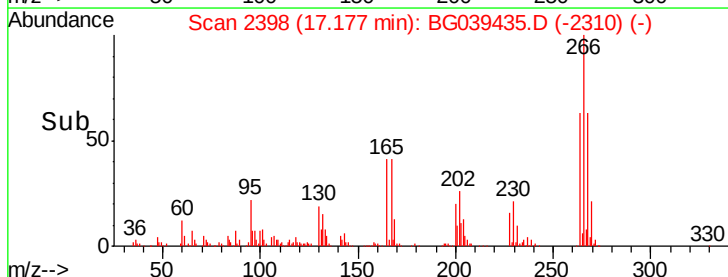
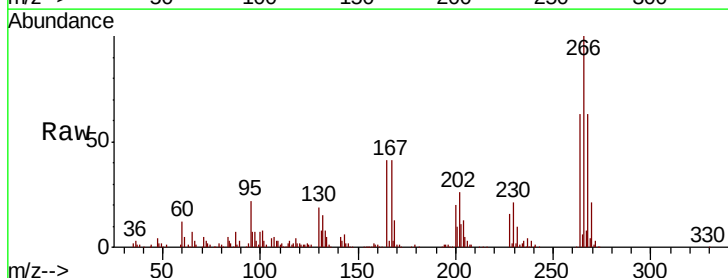
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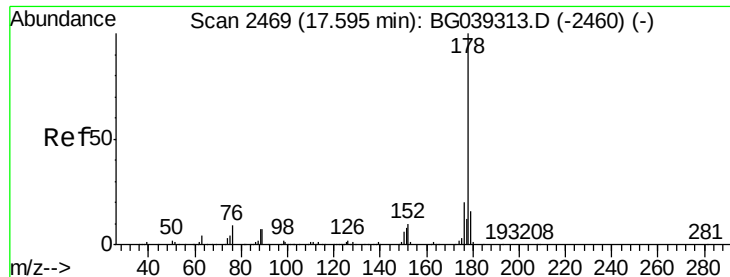
Sohil
 2/12/2019 12:07:36 PM



#70
 Pentachlorophenol
 Concen: 50.313 ng
 RT: 17.18 min Scan# 2398
 Delta R.T. -0.01 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion:	266	Resp:	152544
Ion Ratio	Lower	Upper	
266	100		
268	63.1	51.1	76.7
264	63.4	52.1	78.1





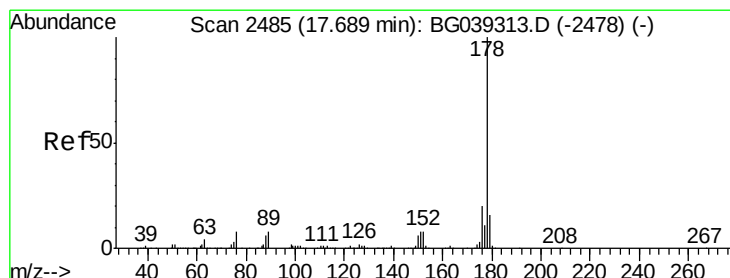
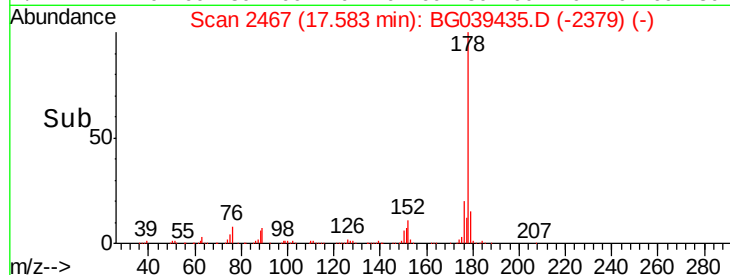
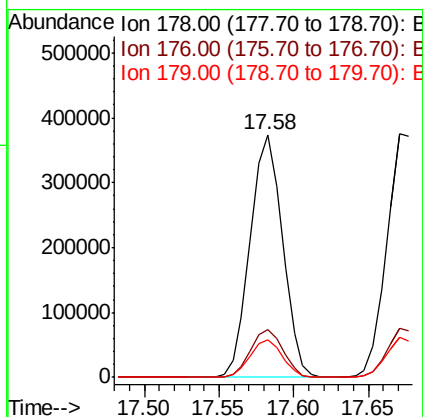
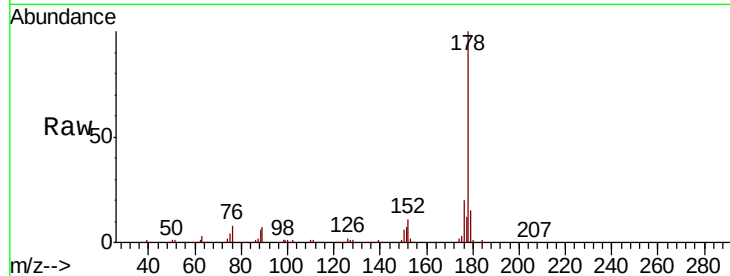
#71
Phenanthrene
Concen: 27.748 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.3	12.6	19.0

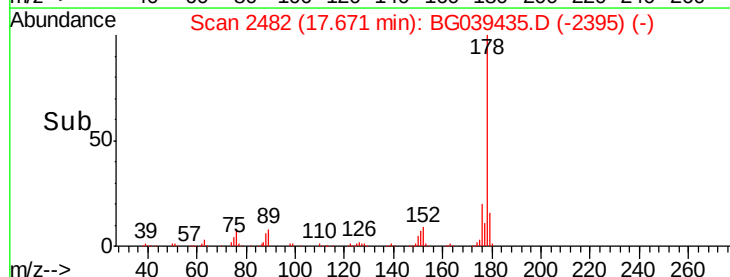
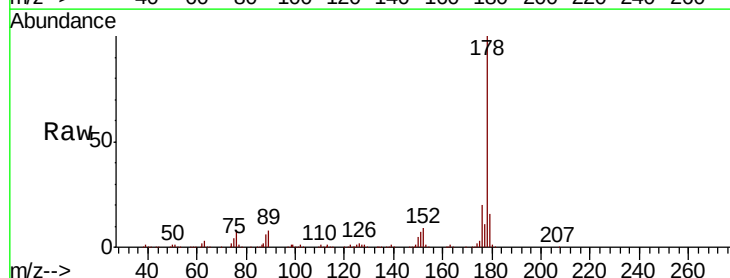
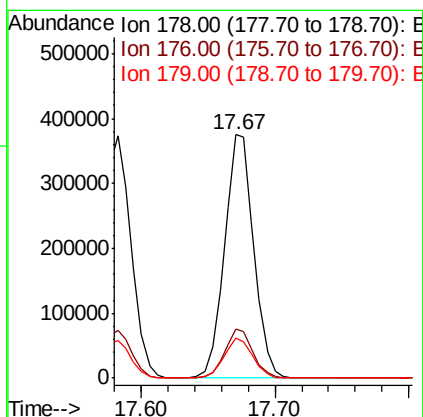
Manual Integrations
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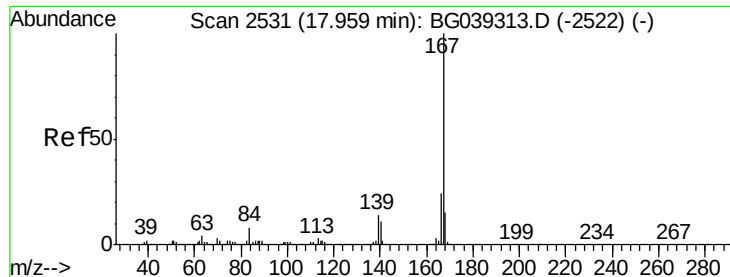
Sohil
2/12/2019 12:07:36 PM



#72
Anthracene
Concen: 28.614 ng
RT: 17.67 min Scan# 2482
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.5	12.5	18.7





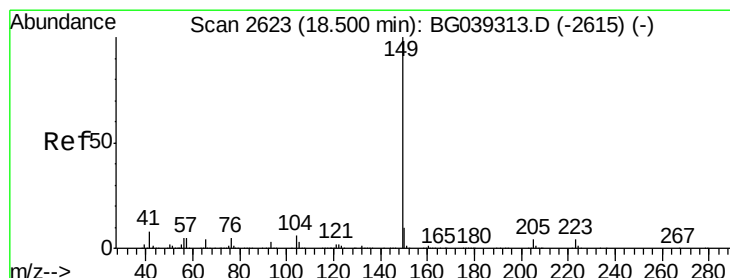
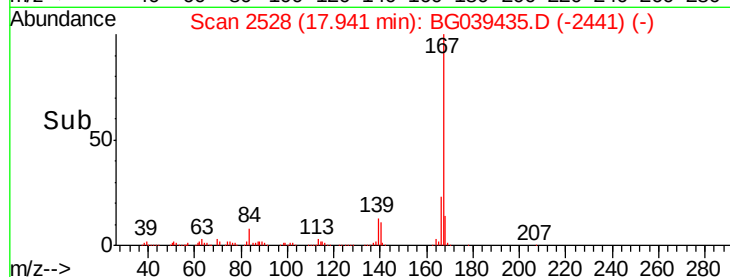
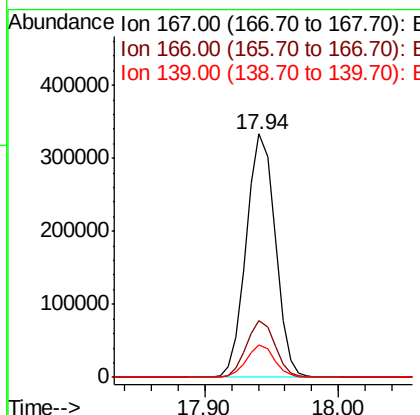
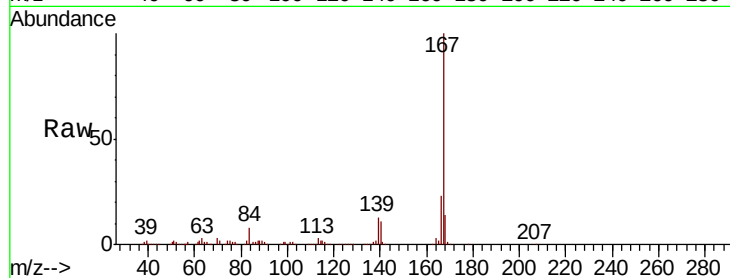
#73
 Carbazole
 Concen: 25.098 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampleId :
 PB116987BS

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

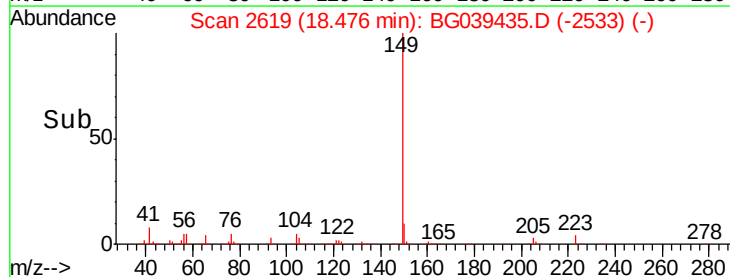
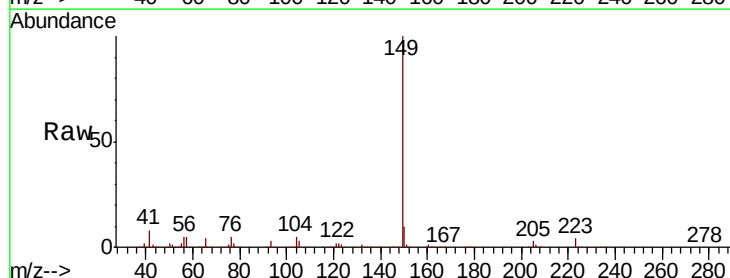
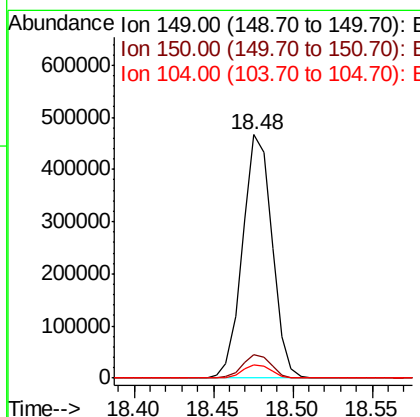
Manual Integrations
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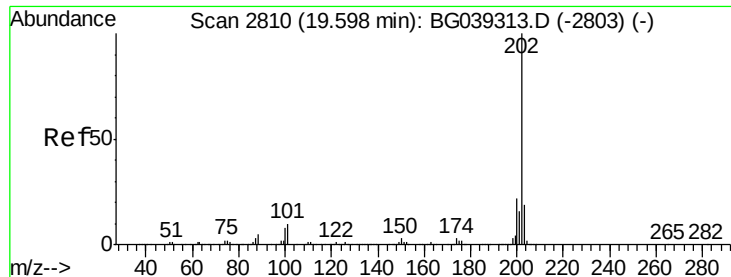
Sohil
 2/12/2019 12:07:36 PM



#74
 Di-n-butylphthalate
 Concen: 25.814 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 28.578 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

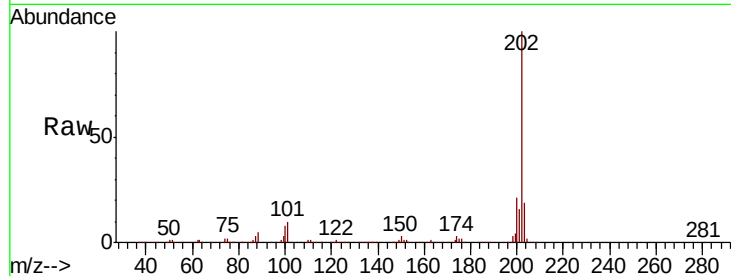
ClientSampleId :

PB116987BS

Tot Ion:	202	Resp:	672854
Ion Ratio		Lower	Upper
202	100		
101	10.0	0.0	30.0
203	18.6	0.0	38.9

Manual Integrations
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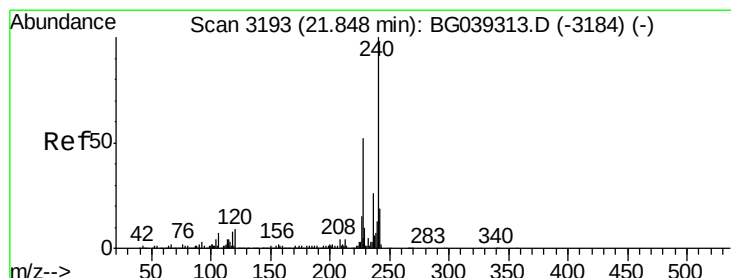
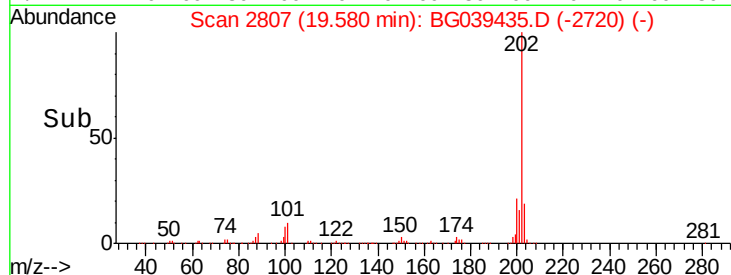
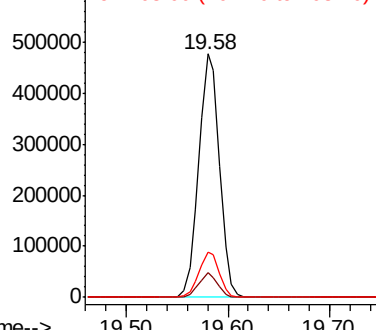


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

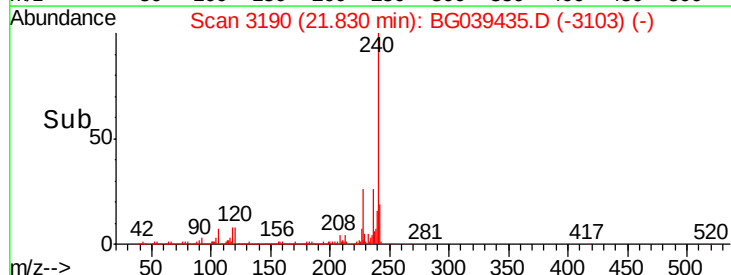
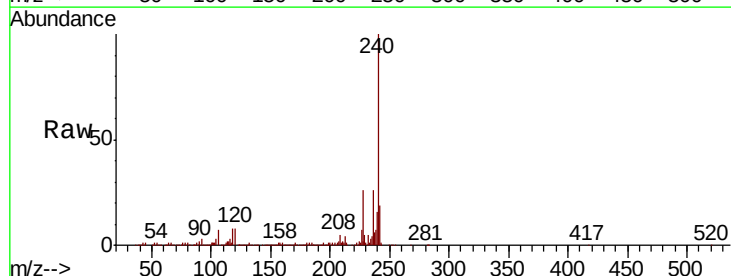
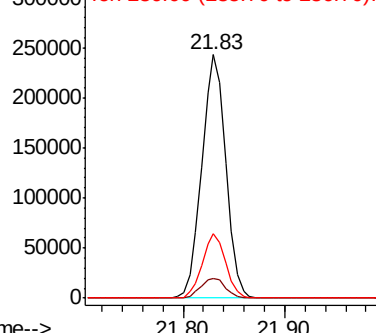
Tgt Ion:	240	Resp:	398165
Ion Ratio		Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.2	21.0	31.4

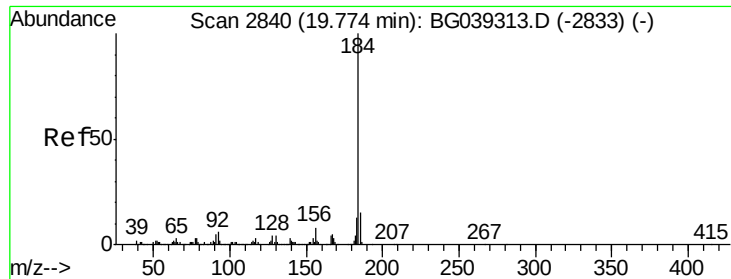
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.408 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

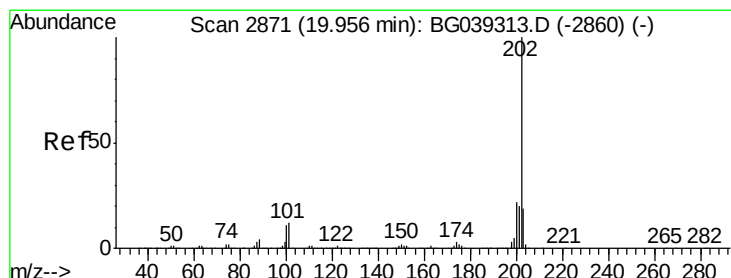
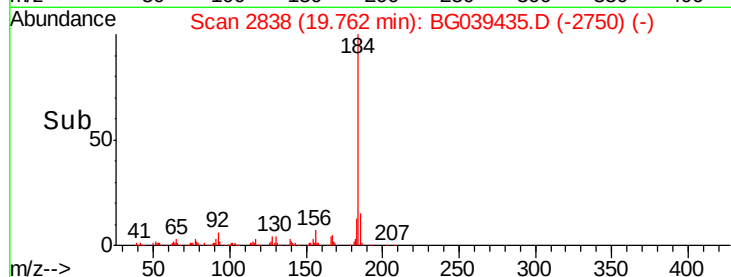
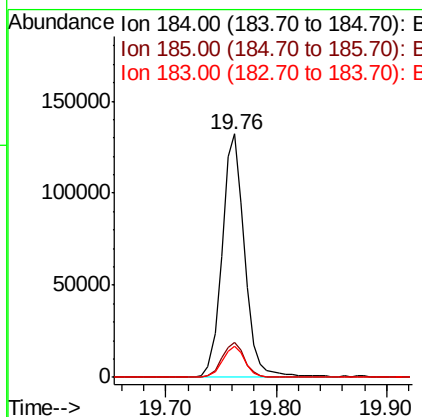
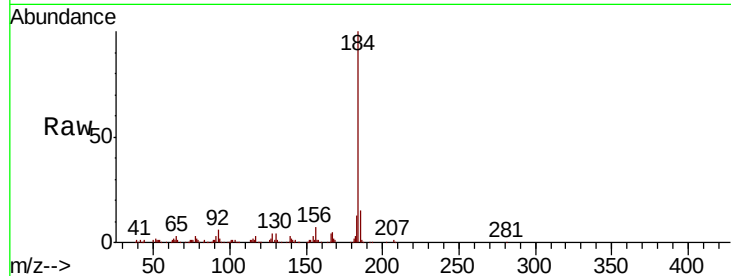
ClientSampleId :

PB116987BS

Tot Ion:	184	Resp:	188084
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	12.6	10.6	15.8

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2/12/2019 12:07:36 PM



#78

Pyrene

Concen: 27.802 ng

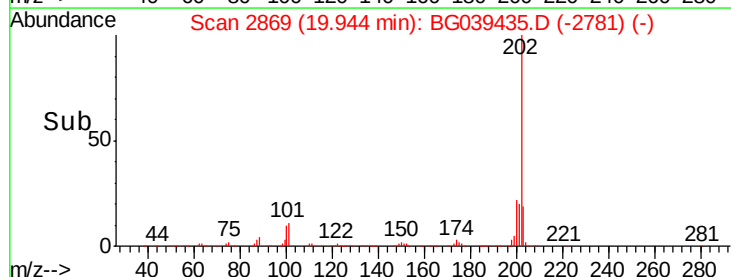
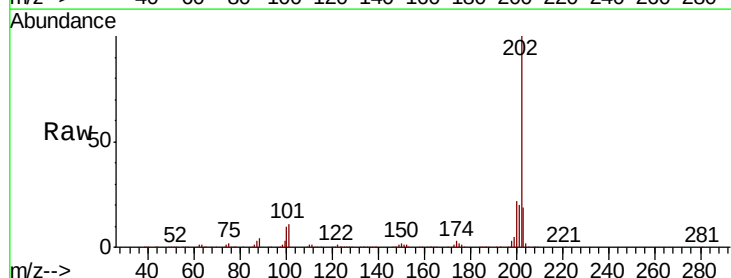
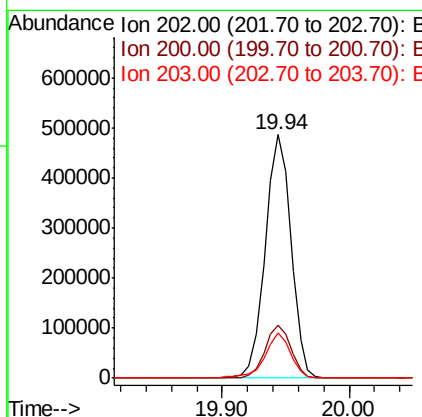
RT: 19.94 min Scan# 2869

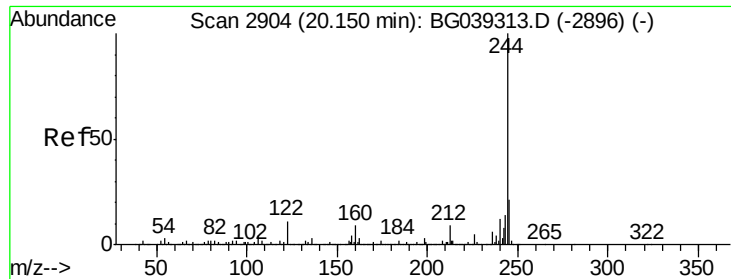
Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:	202	Resp:	689126
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.8
203	18.8	15.3	22.9





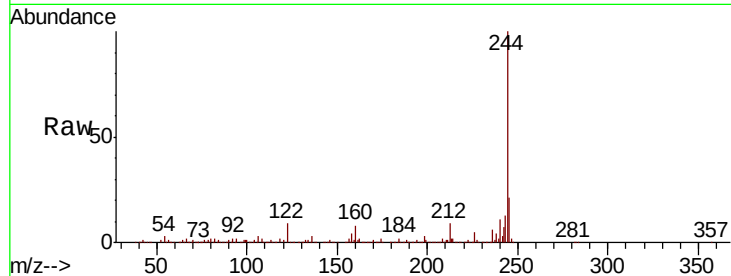
#79
 Terphenyl-d14
 Concen: 51.709 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampled :
 PB116987BS

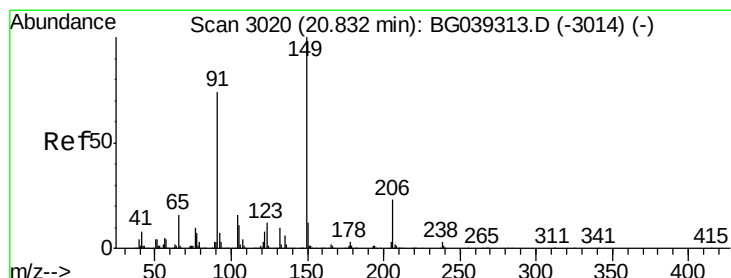
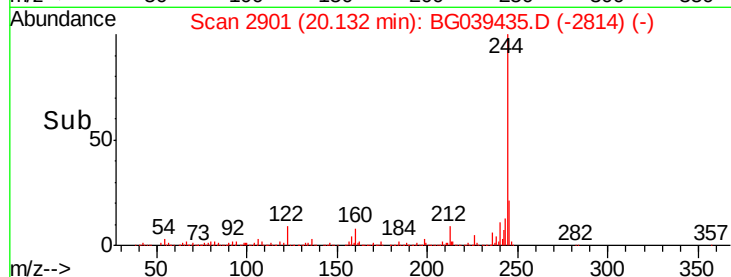
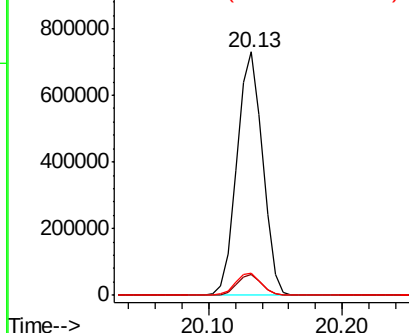
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.3	10.9
122	9.4	8.4	12.6

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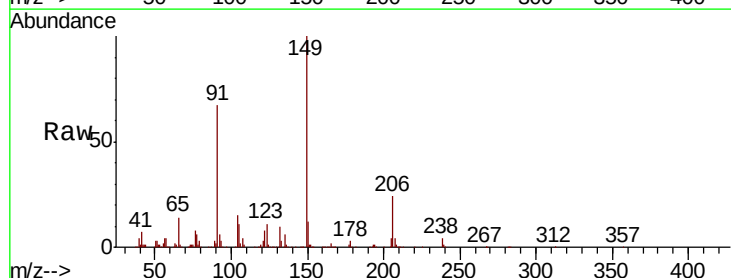


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

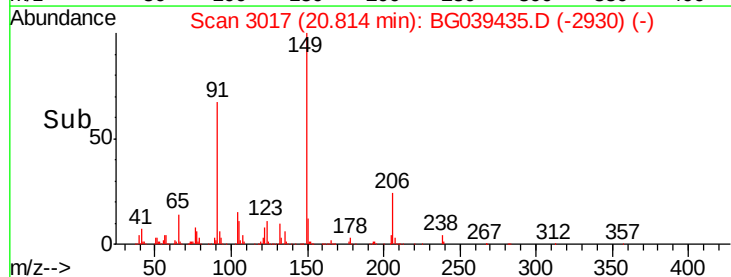
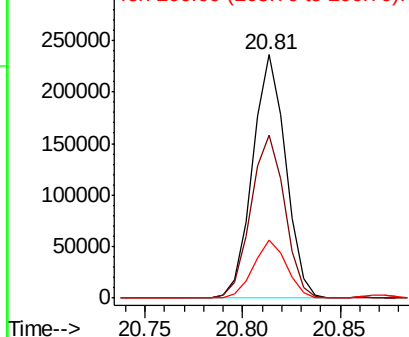


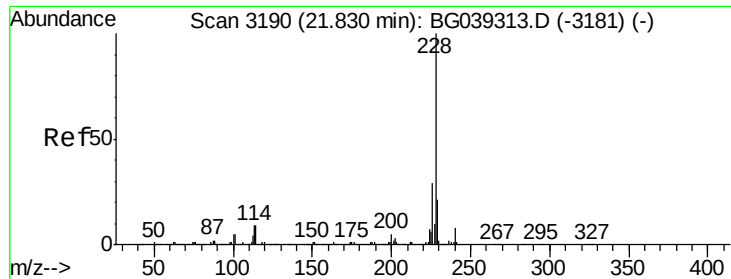
#80
 Butylbenzylphthalate
 Concen: 26.472 ng
 RT: 20.81 min Scan# 3017
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.1	59.5	89.3
206	23.6	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





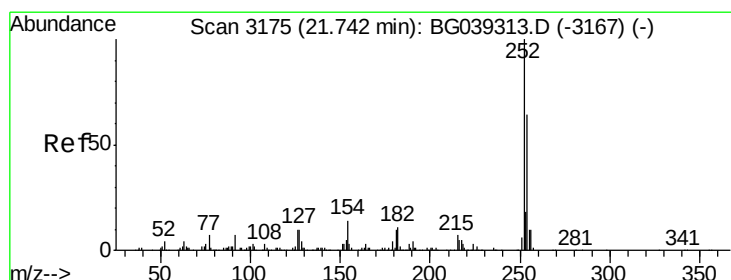
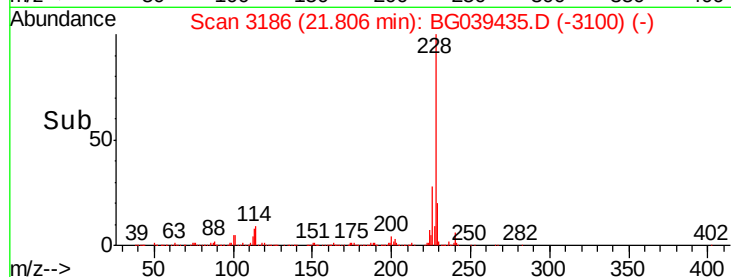
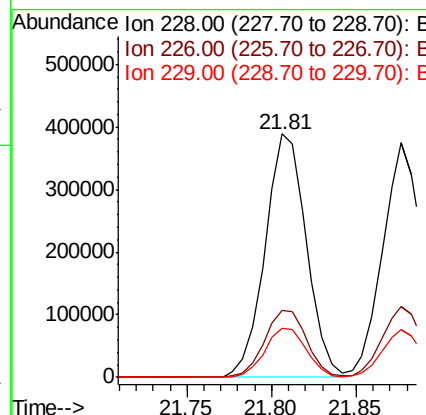
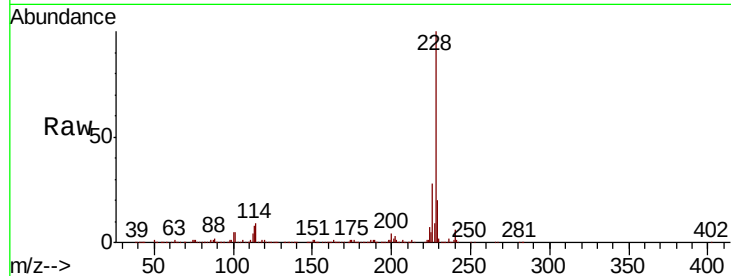
#81
Benzo(a)anthracene
Concen: 27.979 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampled :
PB116987BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.6
229	20.1	16.9	25.3

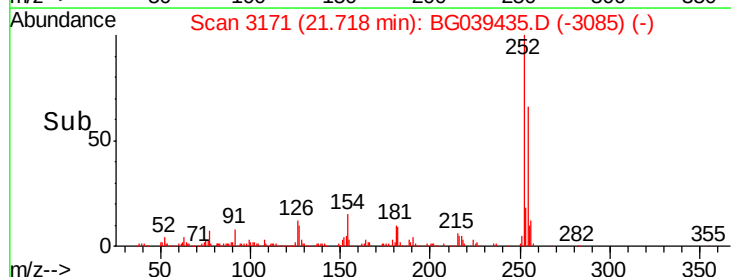
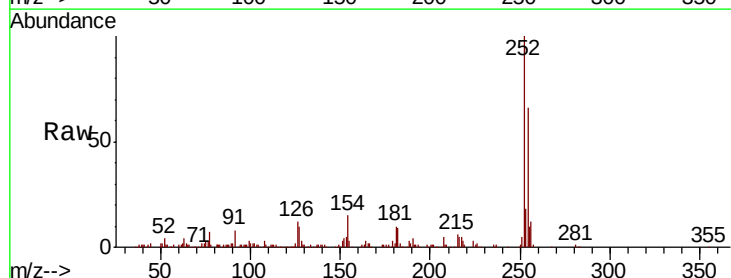
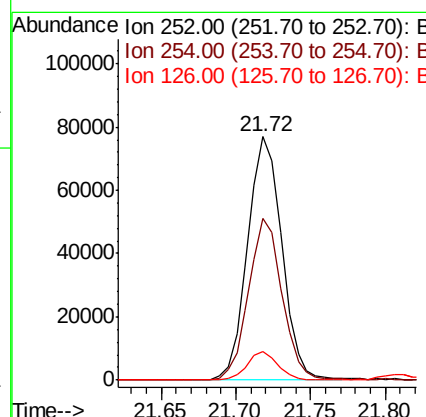
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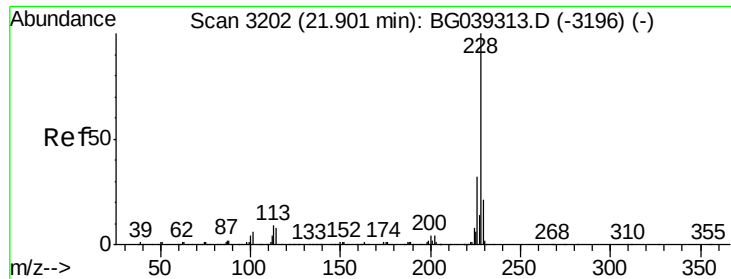
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#82
3,3'-Dichlorobenzidine
Concen: 13.976 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.02 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.3	76.9
126	11.9	8.0	12.0





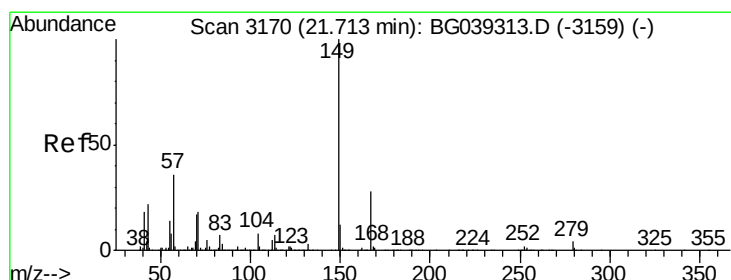
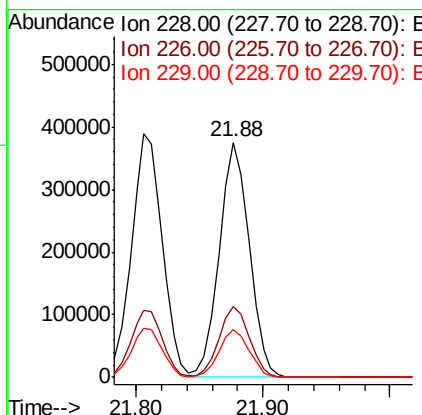
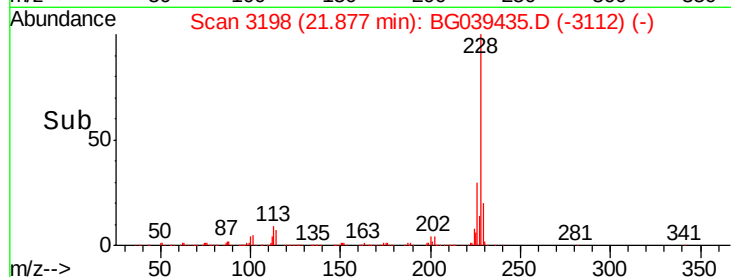
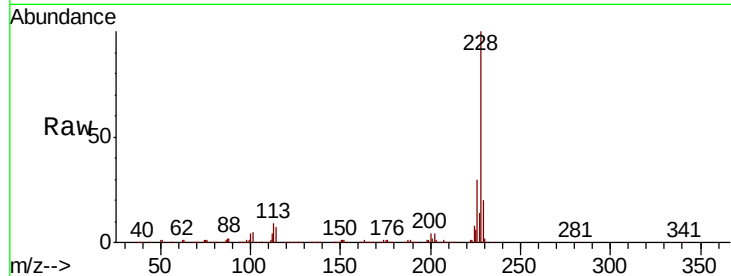
#83
 Chrysene
 Concen: 27.441 ng
 RT: 21.88 min Scan# 3198
 Delta R.T. -0.02 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Instrument :
 BNA_G
 ClientSampled :
 PB116987BS

Tot Ion:	228	Resp:	614580
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.8	38.6
229	20.3	16.6	25.0

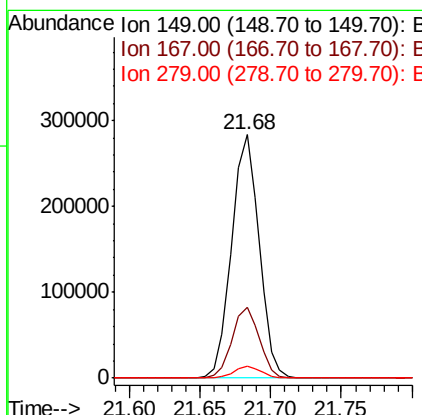
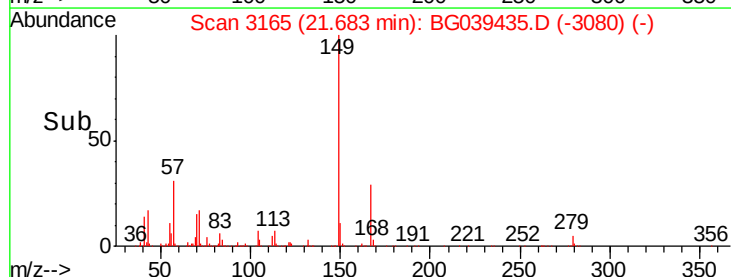
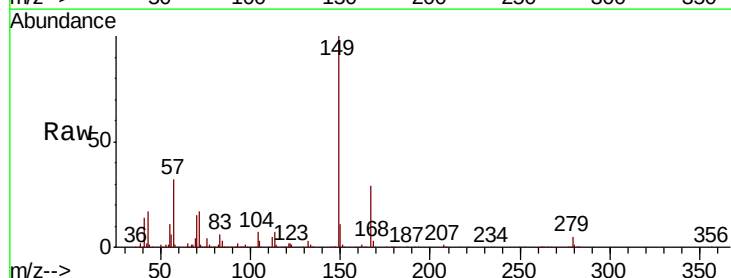
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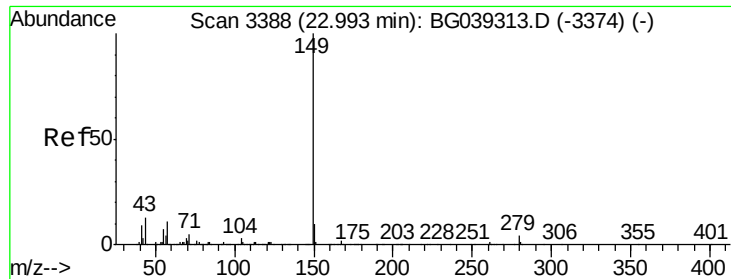
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 25.842 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG039435.D
 Acq: 11 Feb 2019 15:35

Tgt Ion:	149	Resp:	385478
Ion Ratio	Lower	Upper	
149	100		
167	29.3	22.6	34.0
279	5.1	3.5	5.3





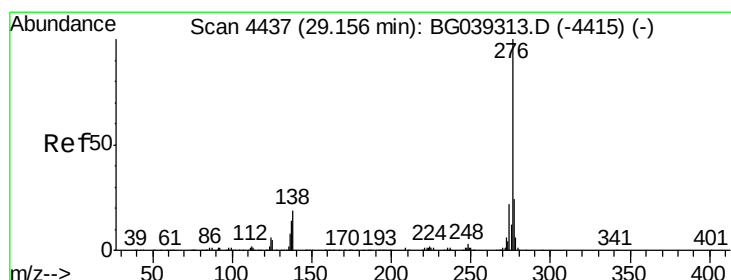
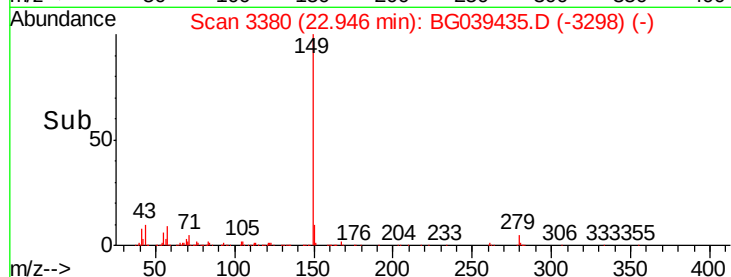
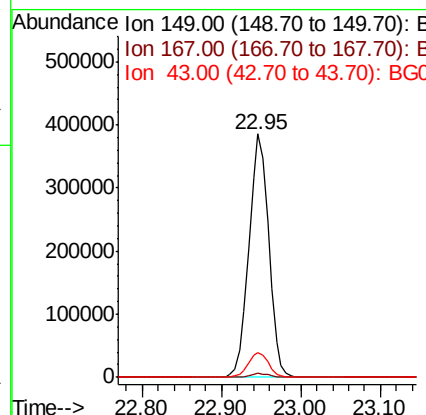
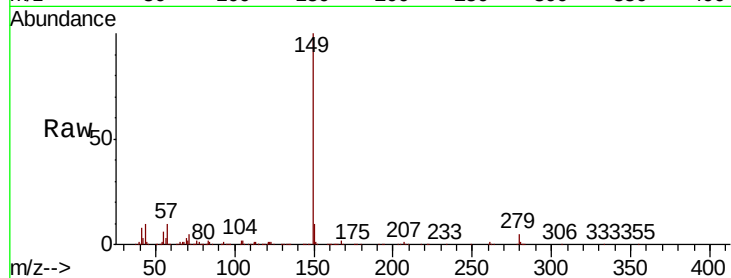
#85
Di-n-octyl phthalate
Concen: 27.127 ng
RT: 22.95 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	668529		
167	1.6		1.3	1.9
43	10.3		10.2	15.4

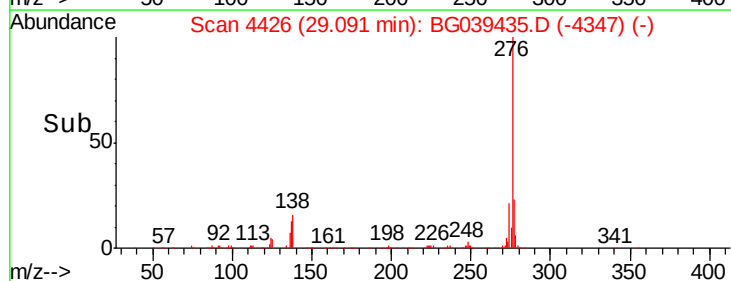
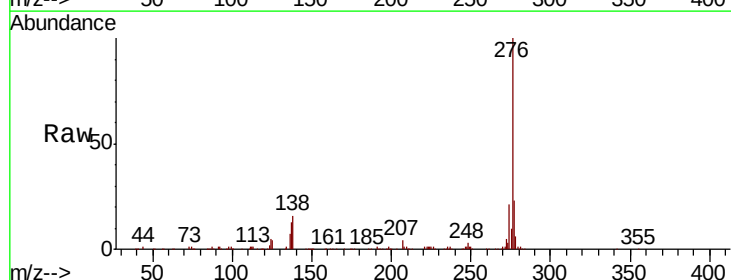
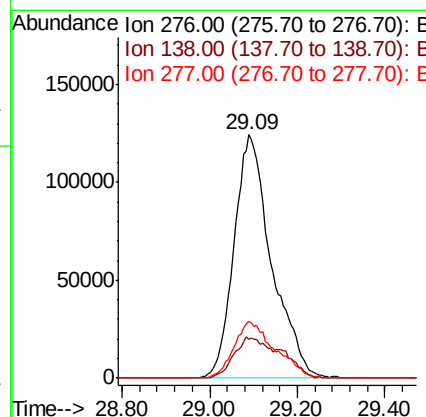
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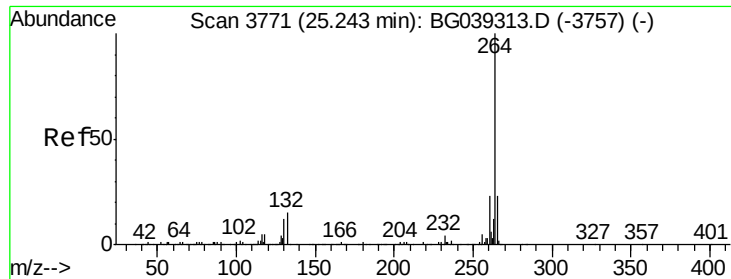
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#86
Indeno(1,2,3-cd)pyrene
Concen: 30.103 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	723357		
138	14.9		12.6	19.0
277	25.4		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

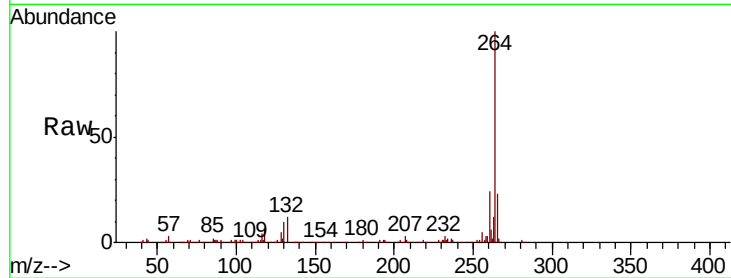
ClientSampleId :

PB116987BS

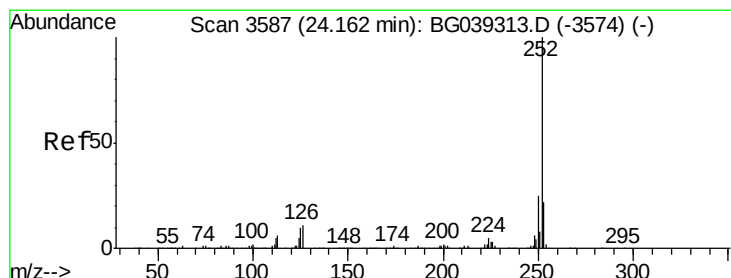
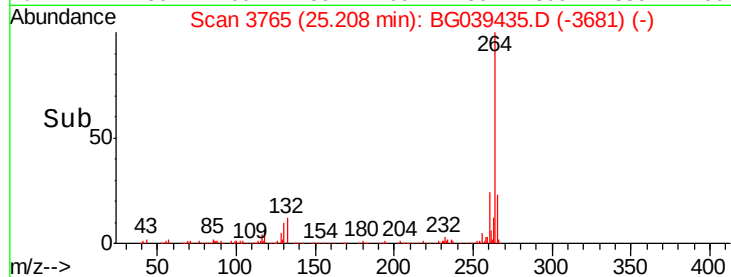
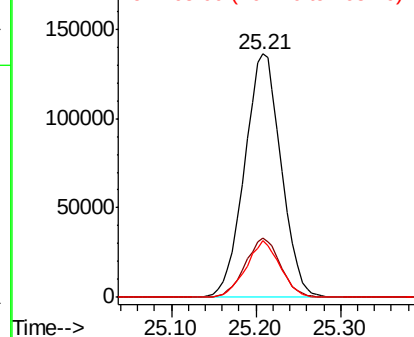
Tot Ion:	264	Resp:	408218
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.2	27.4
265	23.2	18.5	27.7

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



#88

Benzo(b)fluoranthene

Concen: 28.797 ng

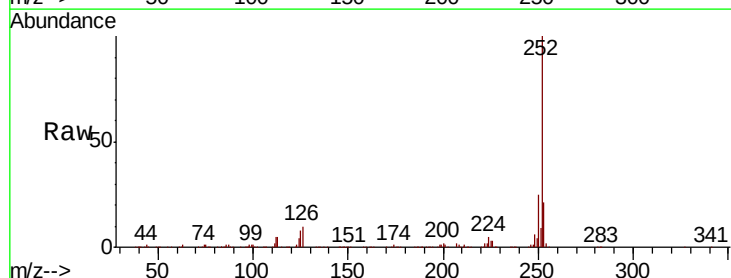
RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

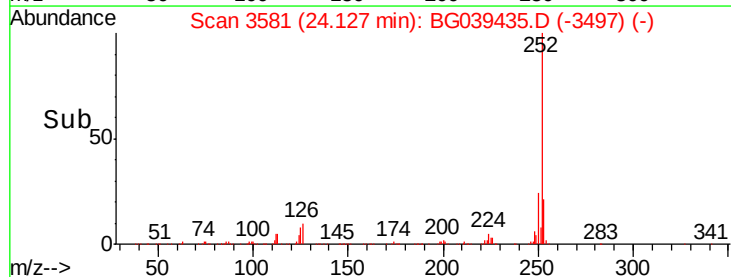
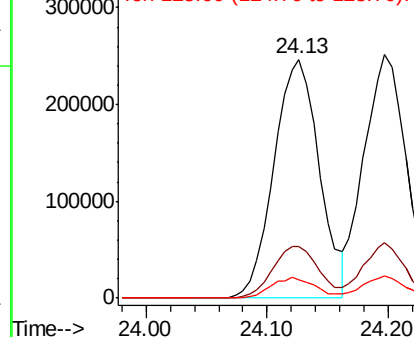
Lab File: BG039435.D

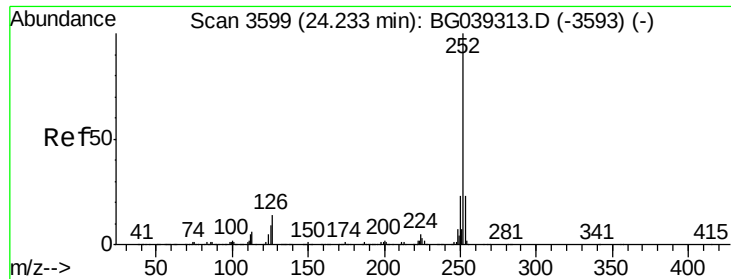
Acq: 11 Feb 2019 15:35

Tgt Ion:	252	Resp:	641081
Ion Ratio		Lower	Upper
252	100		
253	21.5	17.8	26.8
125	7.9	7.8	11.6



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





#89

Benzo(k)fluoranthene

Concen: 27.394 ng

RT: 24.20 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA_G

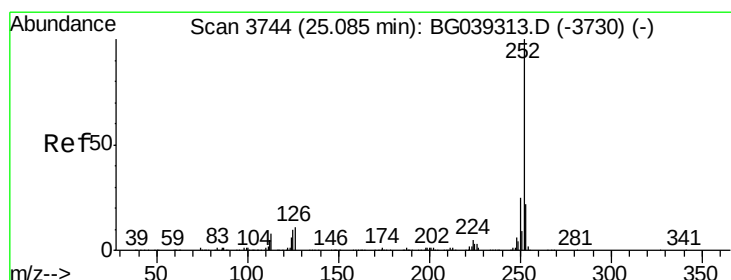
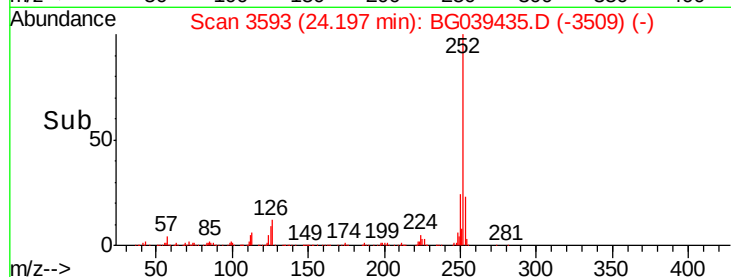
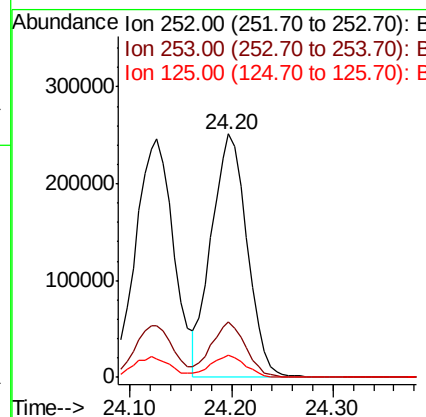
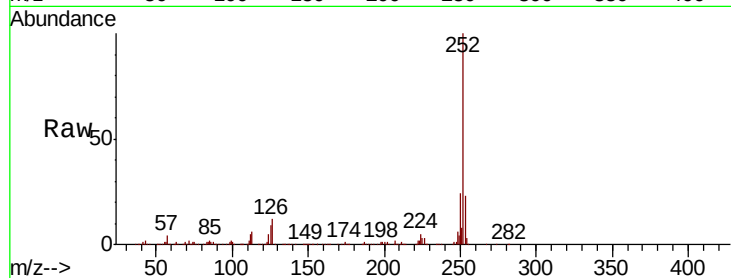
ClientSampleId :

PB116987BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.1	7.4	11.2

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#90

Benzo(a)pyrene

Concen: 28.724 ng

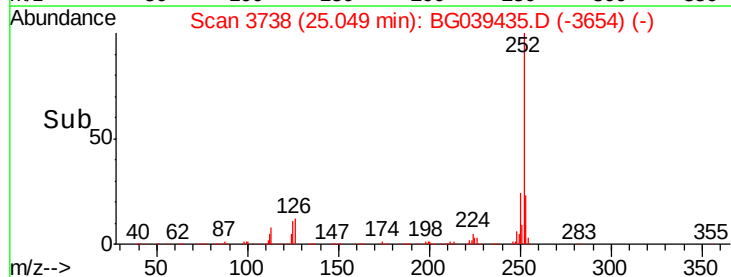
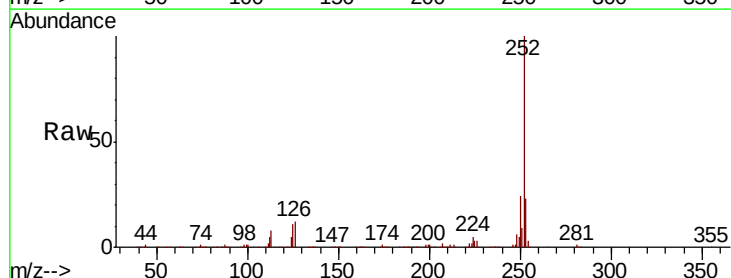
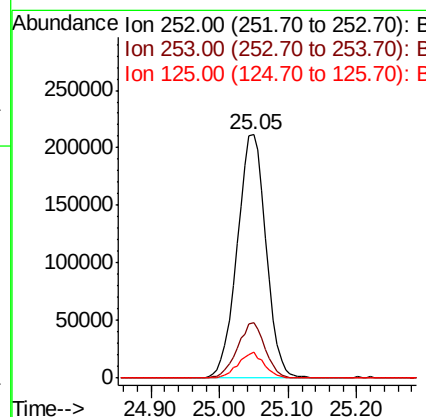
RT: 25.05 min Scan# 3738

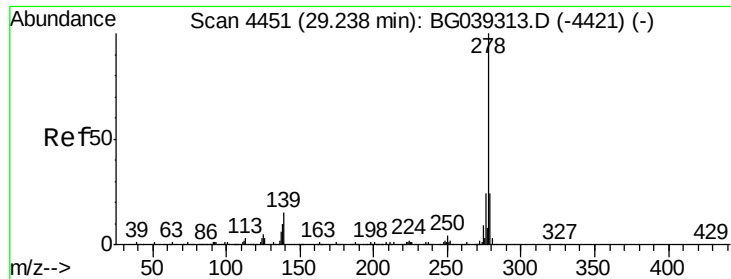
Delta R.T. -0.04 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	10.6	8.3	12.5





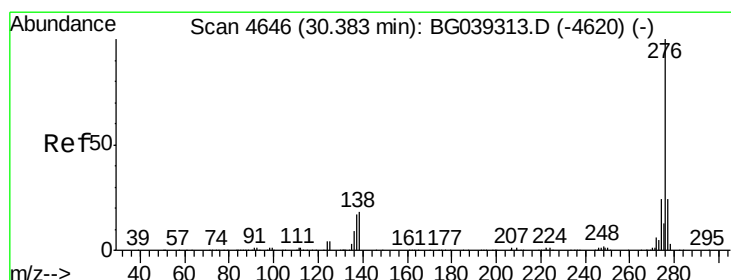
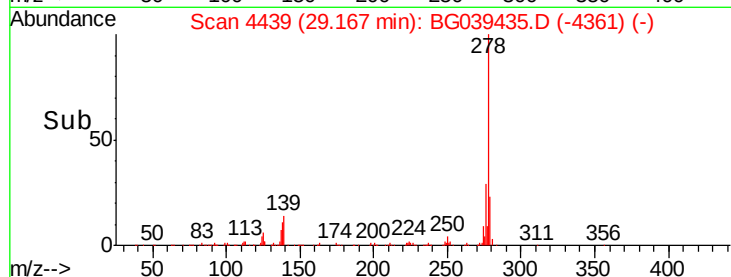
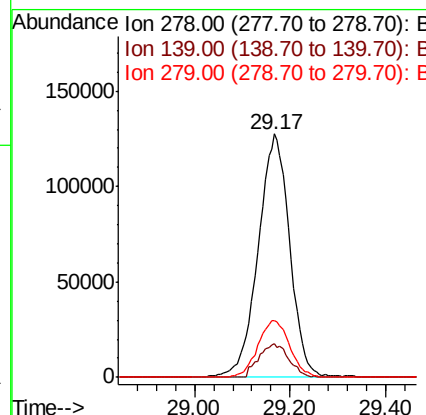
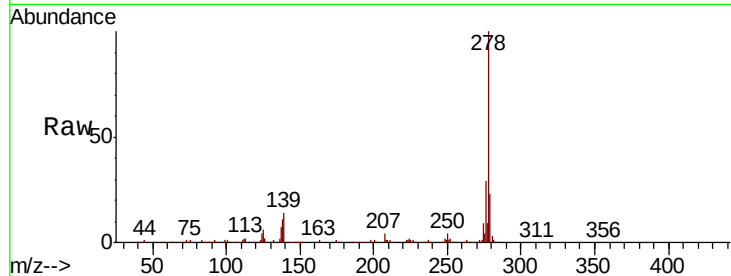
#91
Dibenzo(a,h)anthracene
Concen: 29.023 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Instrument :
BNA_G
ClientSampleId :
PB116987BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	23.3	19.1	28.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 30.000 ng
RT: 30.32 min Scan# 4635
Delta R.T. -0.07 min
Lab File: BG039435.D
Acq: 11 Feb 2019 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.6	29.4
138	19.3	14.7	22.1

