

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038437.D
 Acq On : 10 Dec 2018 11:21
 Operator : JU/SJ
 Sample : PB115249BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:07:17 PM

Quant Time: Dec 11 14:37:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27871	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	119167	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79751	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	207697	20.00	ng	0.00
76) Chrysene-d12	21.74	240	200703	20.00	ng	0.00
87) Perylene-d12	25.04	264	204290	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	179887	114.22	ng	0.00
7) Phenol-d6	7.22	99	247509	108.73	ng	0.00
23) Nitrobenzene-d5	9.25	82	158062	65.85	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	114448	116.90	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	378140	67.56	ng	0.00
79) Terphenyl-d14	20.06	244	687206	73.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	18430	25.532	ng	# 91
3) Pyridine	3.90	79	74094	34.311	ng	93
4) n-Nitrosodimethylamine	3.82	42	39406	41.658	ng	89
6) Aniline	7.39	93	68170	23.447	ng	98
8) 2-Chlorophenol	7.63	128	68798	37.613	ng	98
9) Benzaldehyde	7.21	77	38607	26.784	ng	97
10) Phenol	7.25	94	88020	36.597	ng	91
11) bis(2-Chloroethyl)ether	7.49	93	61692	31.320	ng	95
12) 1,3-Dichlorobenzene	7.95	146	67059	31.368	ng	97
13) 1,4-Dichlorobenzene	8.11	146	68975	31.183	ng	98
14) 1,2-Dichlorobenzene	8.42	146	65830	30.370	ng	94
15) Benzyl Alcohol	8.31	79	58945	31.497	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	137547	30.700	ng	97
17) 2-Methylphenol	8.50	107	60549	35.260	ng	96
18) Hexachloroethane	9.15	117	25102	31.443	ng	92
19) n-Nitroso-di-n-propylamine	8.88	70	52412	31.031	ng	91
20) 3+4-Methylphenols	8.83	107	81479	33.627	ng	95
22) Acetophenone	8.90	105	100866	34.722	ng	# 97
24) Nitrobenzene	9.29	77	81999	33.625	ng	100
25) Isophorone	9.80	82	147927	35.069	ng	# 96
26) 2-Nitrophenol	10.00	139	38204	33.811	ng	90
27) 2,4-Dimethylphenol	10.04	122	68906	42.458	ng	95
28) bis(2-Chloroethoxy)methane	10.29	93	87586	36.221	ng	98
29) 2,4-Dichlorophenol	10.53	162	72540	39.156	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	73858	33.962	ng	98
31) Naphthalene	10.94	128	210532	36.985	ng	99
32) Benzoic acid	10.18	122	29397	27.743	ng	99
33) 4-Chloroaniline	11.06	127	21994	8.728	ng	99
34) Hexachlorobutadiene	11.20	225	46224	33.975	ng	95
35) Caprolactam	11.84	113	27560	35.974	ng	# 84
36) 4-Chloro-3-methylphenol	12.16	107	81578	39.632	ng	95
37) 2-Methylnaphthalene	12.54	142	156597	38.630	ng	98
38) 1-Methylnaphthalene	12.76	142	150730	38.822	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	89432	32.589	ng	99

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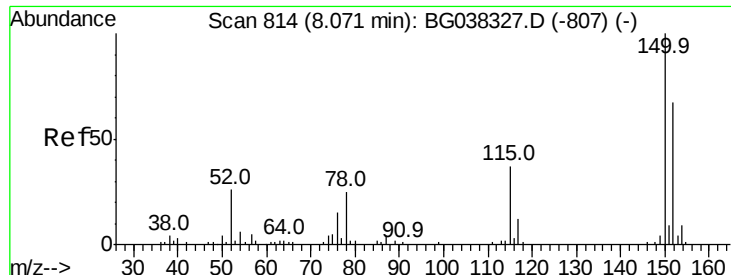
Manual Integrations
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 12/11/2018 6:07:17 PM

Quant Time: Dec 11 14:37:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	108385	71.870	nq	97
43) 2,4,6-Trichlorophenol	13.14	196	64344	36.196	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	70087	37.216	nq	96
46) 1,1'-Biphenyl	13.54	154	207769	30.821	nq	99
47) 2-Chloronaphthalene	13.59	162	167488	32.925	nq	98
48) 2-Nitroaniline	13.80	65	60816	35.635	nq	96
49) Acenaphthylene	14.43	152	281406	36.731	nq	97
50) Dimethylphthalate	14.16	163	229678	35.906	nq	99
51) 2,6-Dinitrotoluene	14.29	165	52555	35.967	nq	92
52) Acenaphthene	14.77	154	160597	34.385	nq	98
53) 3-Nitroaniline	14.62	138	34269	21.776	nq #	92
54) 2,4-Dinitrophenol	14.83	184	63975	79.870	nq	87
55) Dibenzofuran	15.10	168	273945	35.479	nq	99
56) 4-Nitrophenol	14.92	139	88619	71.287	nq #	84
57) 2,4-Dinitrotoluene	15.07	165	77172	38.292	nq	95
58) Fluorene	15.76	166	221093	38.866	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	65050	39.771	nq #	98
60) Diethylphthalate	15.51	149	244213	34.460	nq	100
61) 4-Chlorophenyl-phenylether	15.74	204	119345	34.928	nq	99
62) 4-Nitroaniline	15.78	138	57651	37.246	nq	89
63) Azobenzene	16.03	77	214866	34.644	nq	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	47498	34.903	nq	94
66) n-Nitrosodiphenylamine	15.96	169	206923	35.429	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	82191	36.645	nq	99
68) Hexachlorobenzene	16.75	284	84699	36.611	nq	97
69) Atrazine	16.90	200	85647	39.299	nq	97
70) Pentachlorophenol	17.09	266	98039	61.870	nq	96
71) Phenanthrene	17.49	178	395214	37.996	nq	99
72) Anthracene	17.59	178	403104	40.019	nq	99
73) Carbazole	17.86	167	367246	36.735	nq	98
74) Di-n-butylphthalate	18.39	149	442971	37.928	nq	98
75) Fluoranthene	19.50	202	491386	40.435	nq	97
77) Benzidine	19.69	184	133691	19.740	nq	98
78) Pyrene	19.87	202	486677	34.657	nq	97
80) Butylbenzylphthalate	20.73	149	191606	33.924	nq	99
81) Benzo(a)anthracene	21.72	228	454247	36.825	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	107483	22.399	nq	99
83) Chrysene	21.78	228	426026	36.496	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	273313	34.141	nq	99
85) Di-n-octyl phthalate	22.81	149	460537	33.550	nq	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	510122	38.453	nq #	95
88) Benzo(b)fluoranthene	23.99	252	441013m	38.206	nq	
89) Benzo(k)fluoranthene	24.05	252	434994	37.837	nq	98
90) Benzo(a)pyrene	24.89	252	429106	38.325	nq	98
91) Dibenzo(a,h)anthracene	28.89	278	421864	39.726	nq	97
92) Benzo(g,h,i)perylene	30.03	276	564696	53.597	nq	98

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



#1

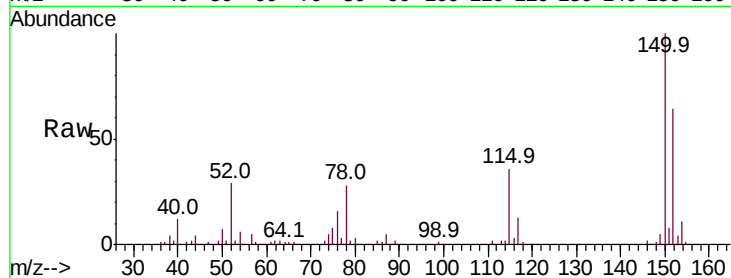
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.0	189.0
115	56.3	45.5	68.3

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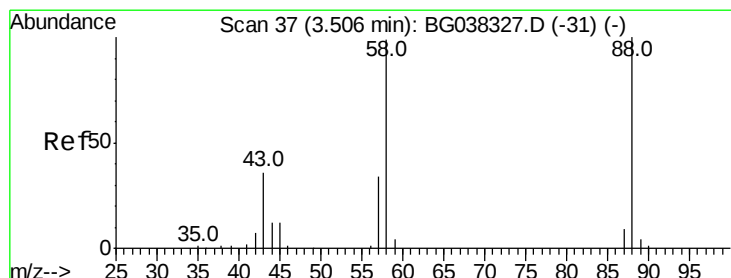
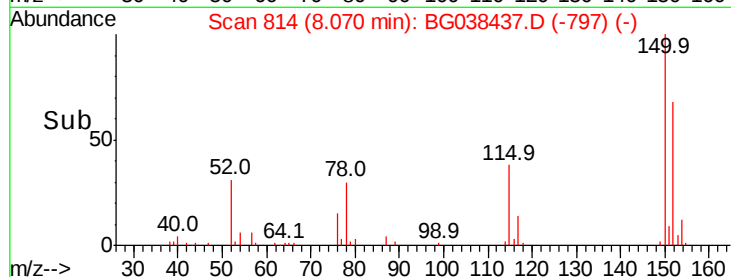
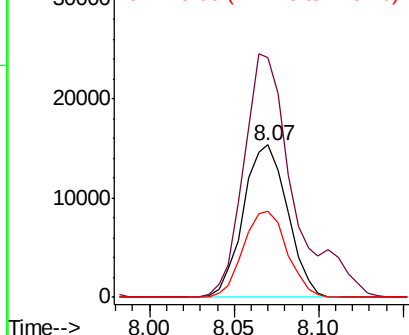


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

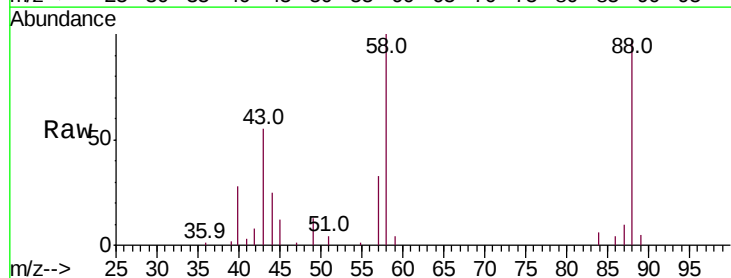
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.532 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.2	74.4	111.6
43	46.6	25.8	38.8

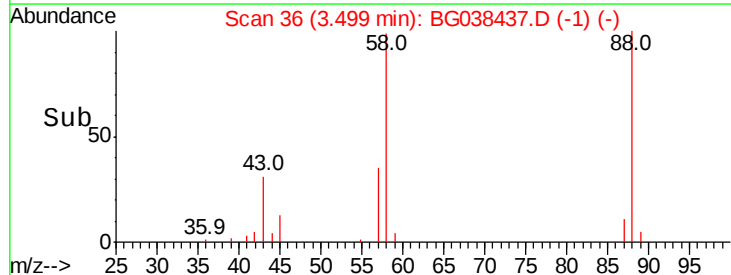
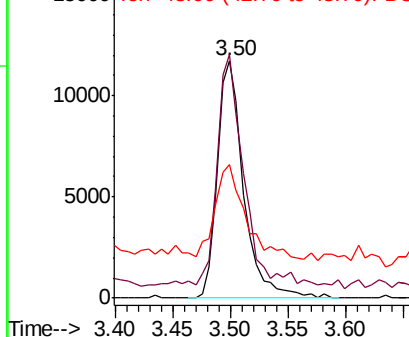


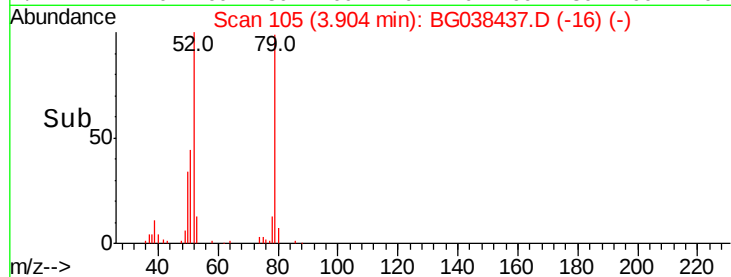
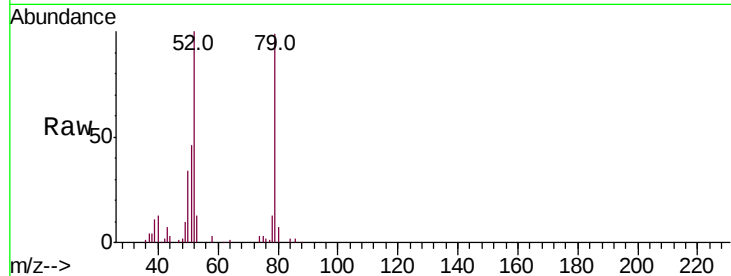
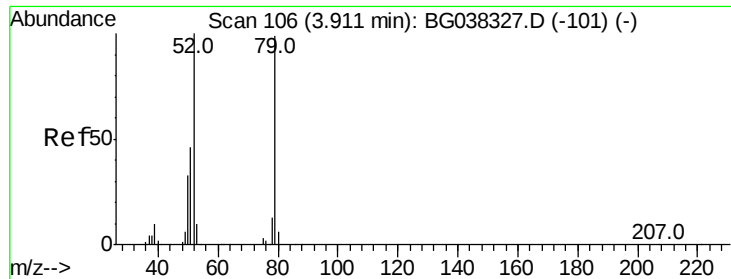
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.311 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038437.D

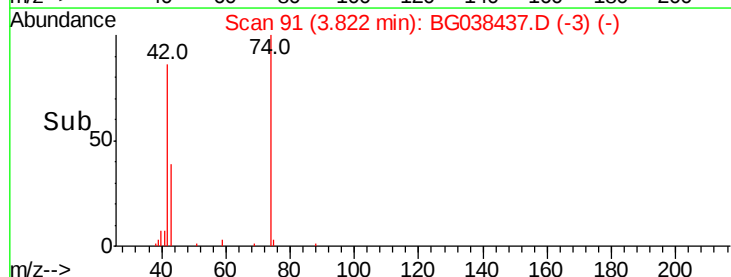
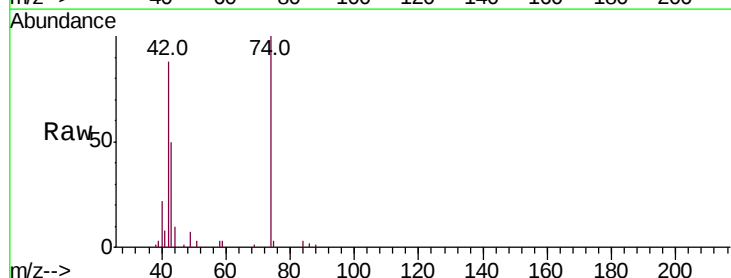
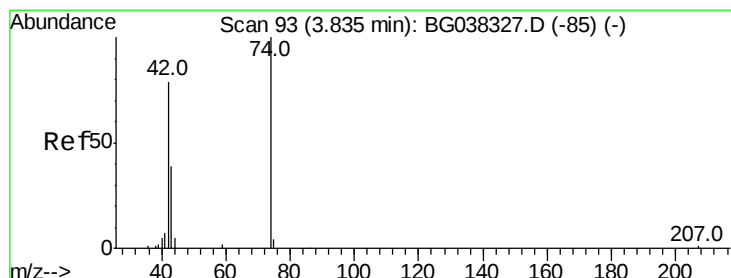
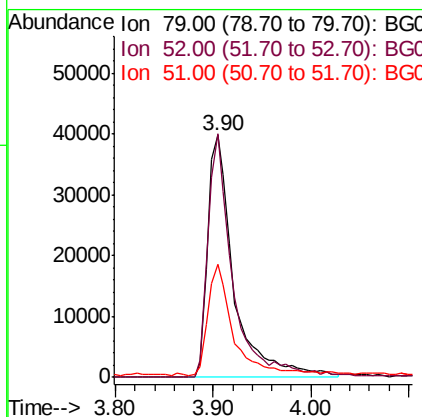
Acq: 10 Dec 2018 11:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.5	74.2	111.2
51	46.5	34.6	51.8

Instrument :
BNA_G
ClientSampled :
PB115249BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.658 ng

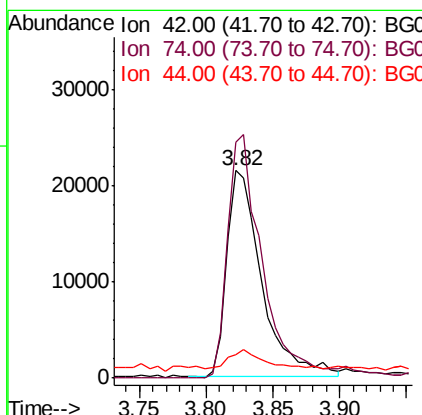
RT: 3.82 min Scan# 91

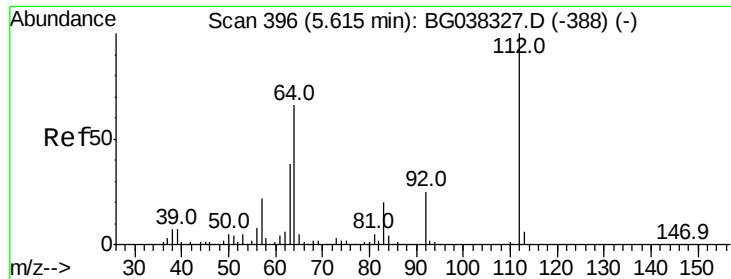
Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.8	102.0	153.0
44	11.2	9.6	14.4





#5

2-Fluorophenol

Concen: 114.218 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

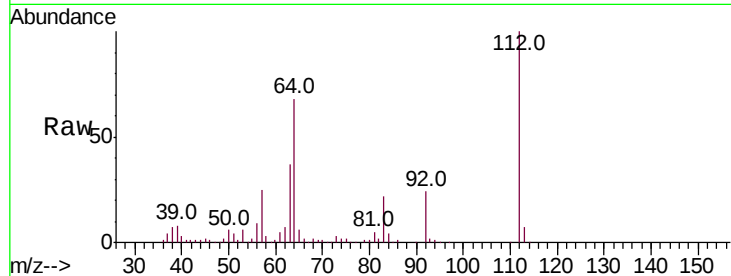
ClientSampled :

PB115249BS

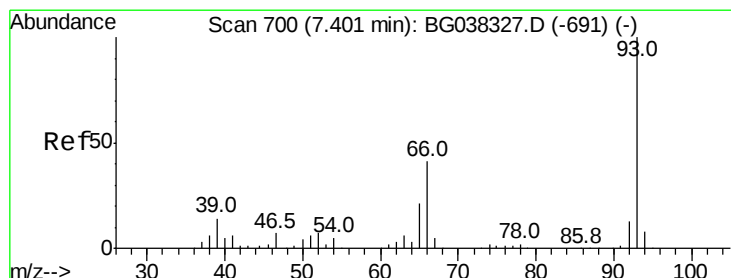
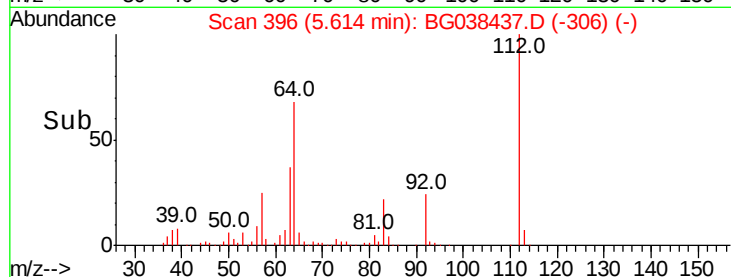
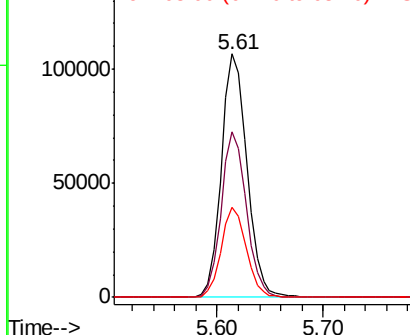
Tot Ion:	112	Resp:	179887
Ion Ratio	Lower	Upper	
112	100		
64	67.8	53.1	79.7
63	37.0	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.447 ng

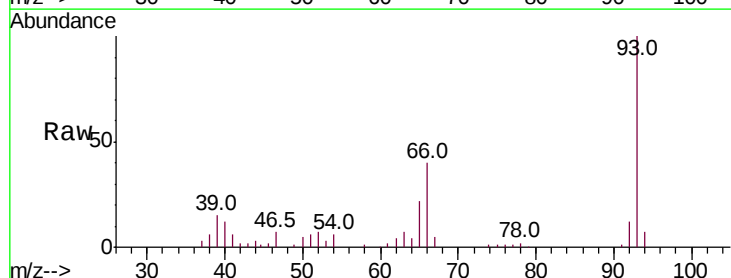
RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

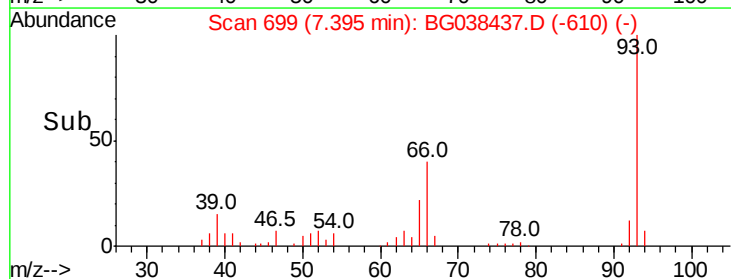
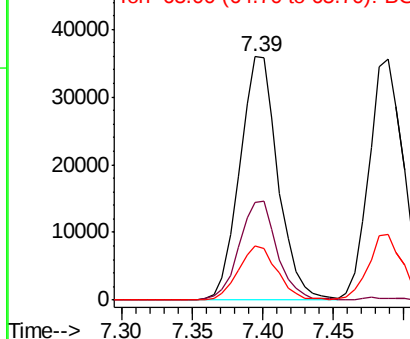
Lab File: BG038437.D

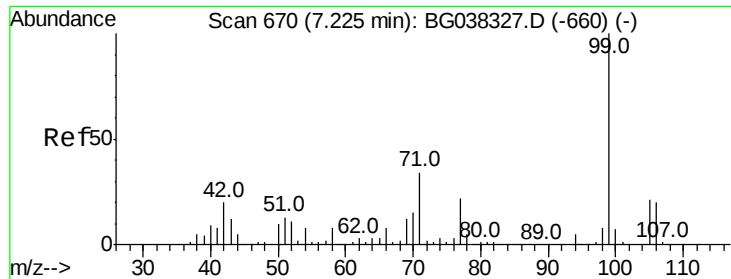
Acq: 10 Dec 2018 11:21

Tgt Ion:	93	Resp:	68170
Ion Ratio	Lower	Upper	
93	100		
66	40.0	32.8	49.2
65	22.3	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.732 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

PB115249BS

Tot Ion: 99 Resp: 247509

Ion Ratio Lower Upper

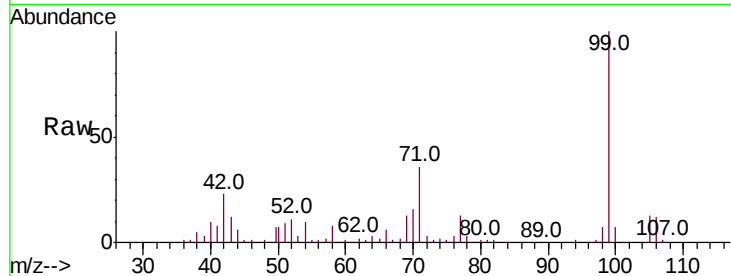
99 100

42 22.8 15.0 22.4#

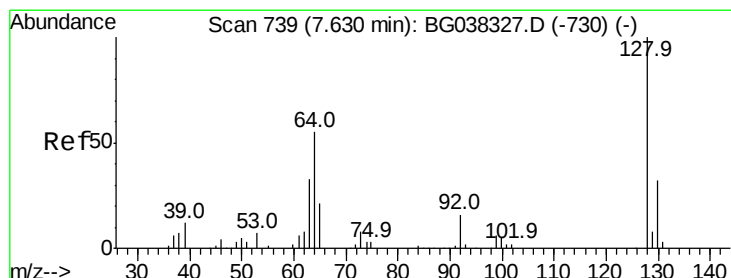
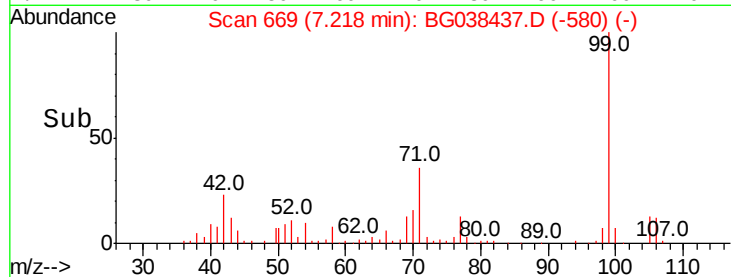
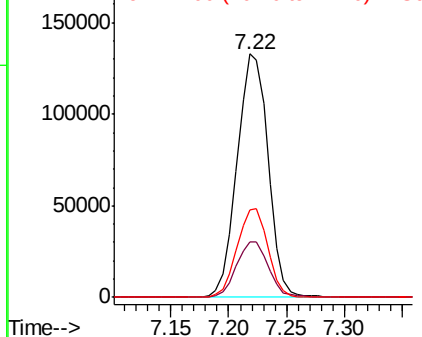
71 35.9 25.5 38.3

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.613 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

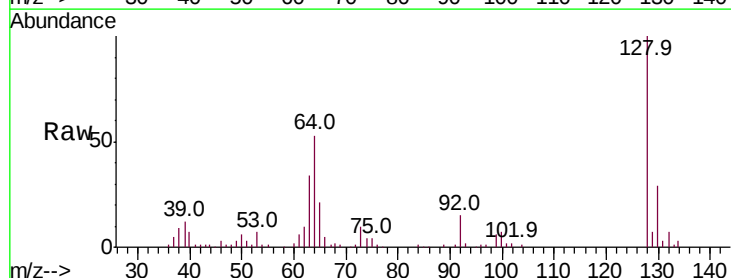
Tgt Ion: 128 Resp: 68798

Ion Ratio Lower Upper

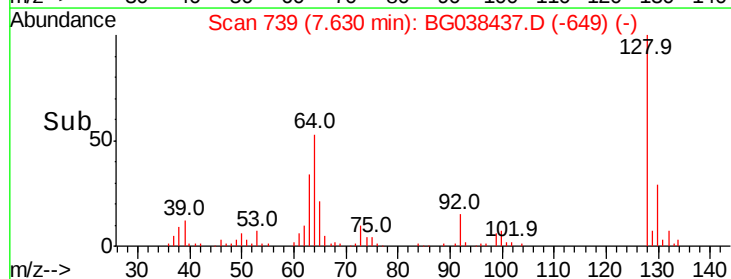
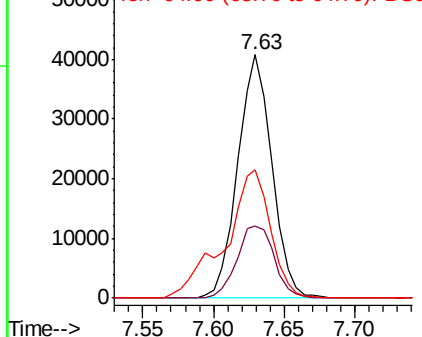
128 100

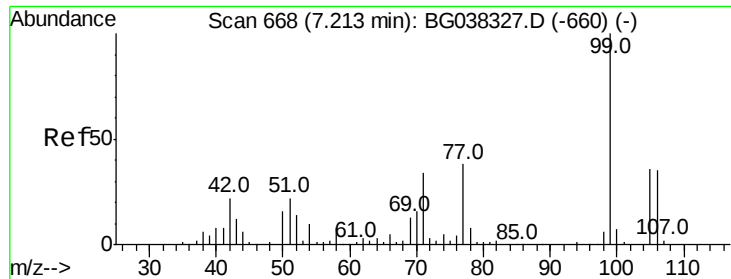
130 29.5 12.0 52.0

64 52.7 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.784 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleID :

PB115249BS

Tot Ion: 77 Resp: 38607

Ion Ratio Lower Upper

77 100

105 96.9 72.6 112.6

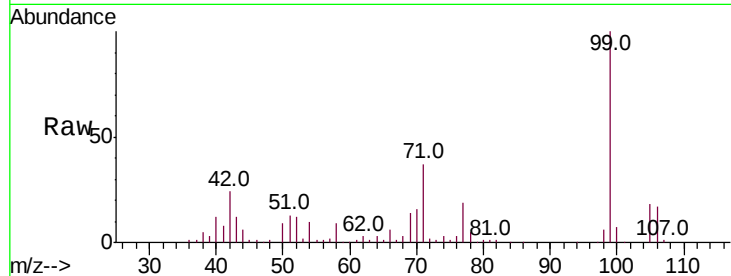
106 90.2 71.3 111.3

Manual Integrations

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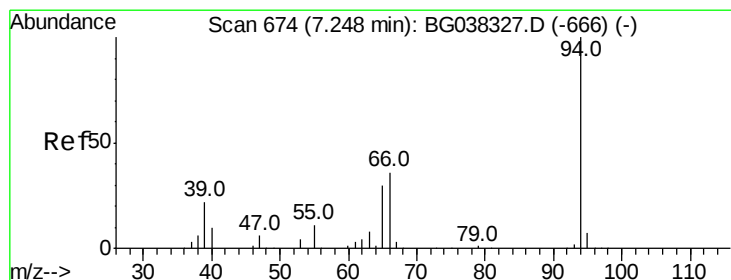
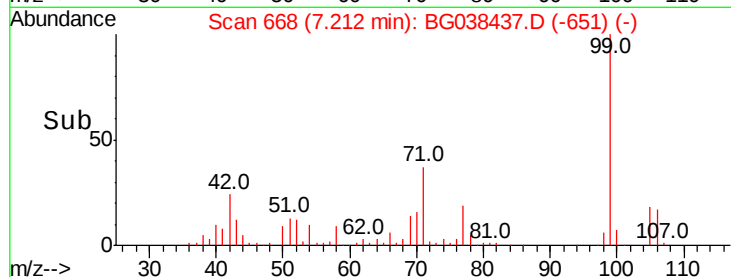
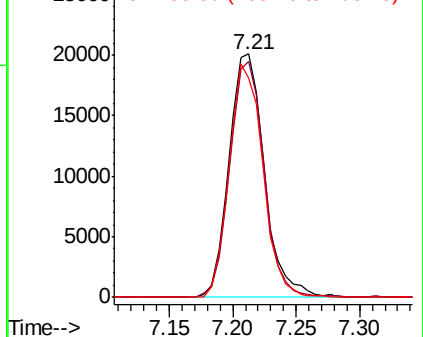
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.597 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

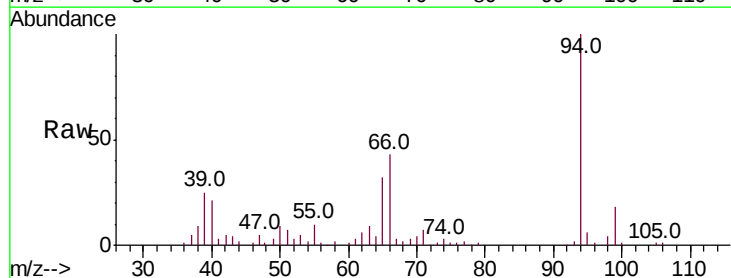
Tgt Ion: 94 Resp: 88020

Ion Ratio Lower Upper

94 100

65 32.1 9.7 49.7

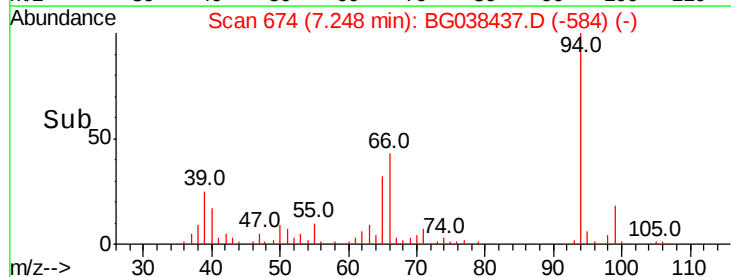
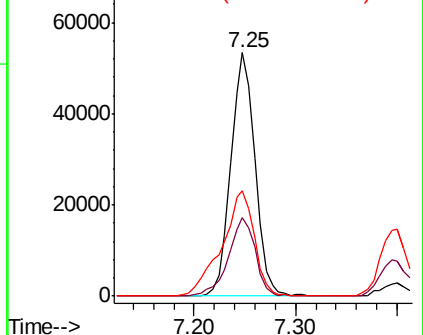
66 43.3 15.9 55.9

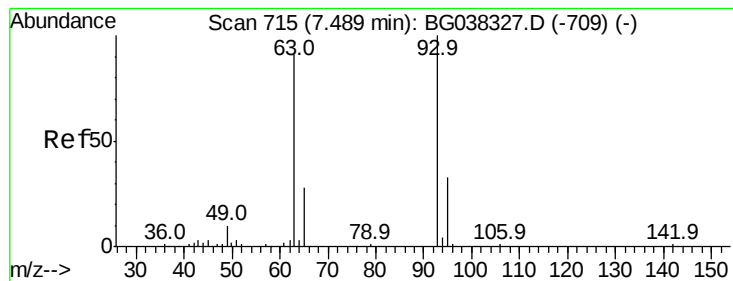


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





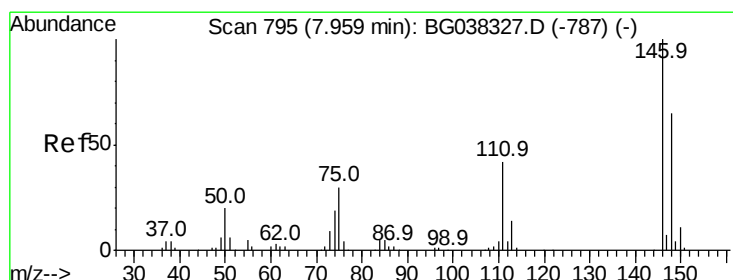
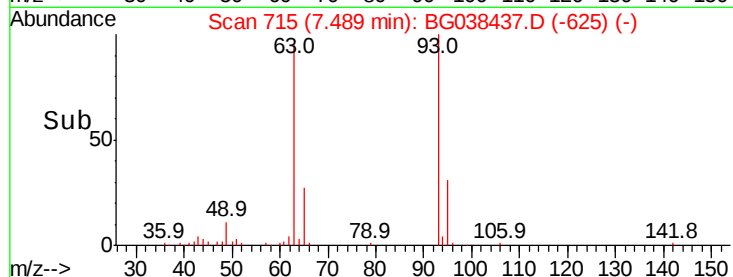
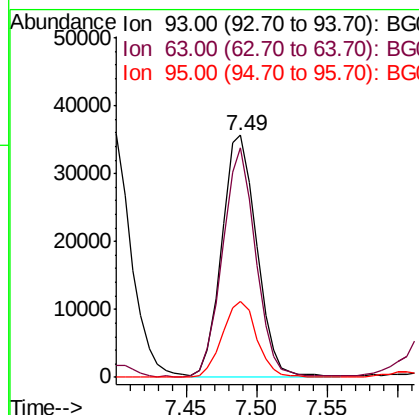
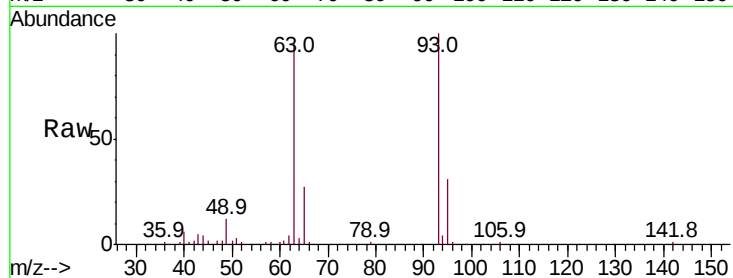
#11
 bis(2-Chloroethyl)ether
 Concen: 31.320 ng
 RT: 7.49 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	94.9	69.5	109.5
95	31.4	12.6	52.6

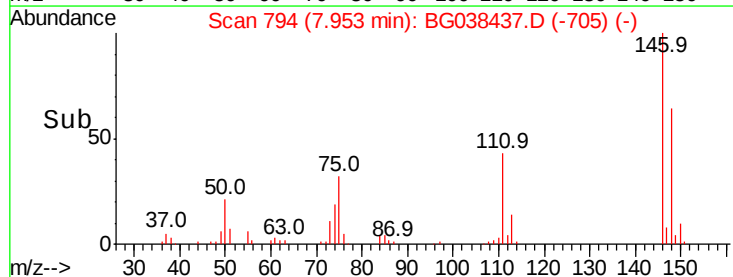
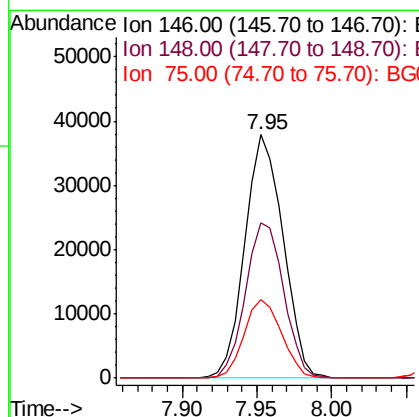
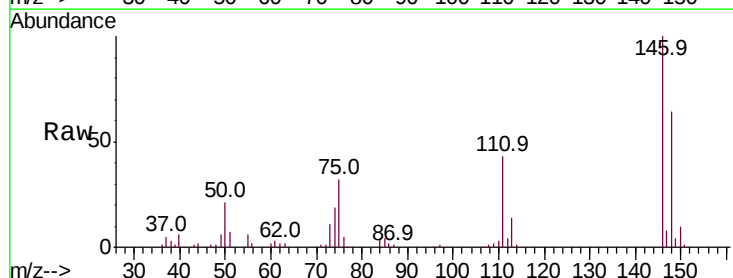
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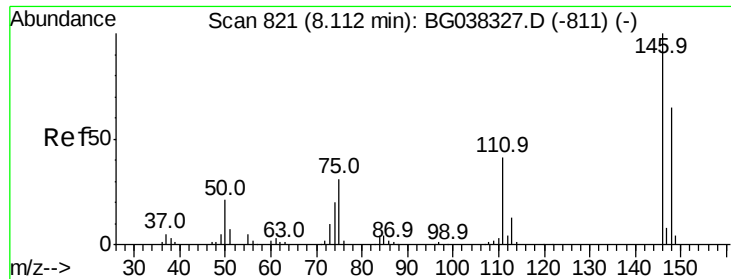
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 31.368 ng
 RT: 7.95 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	49.8	74.8
75	32.1	23.2	34.8





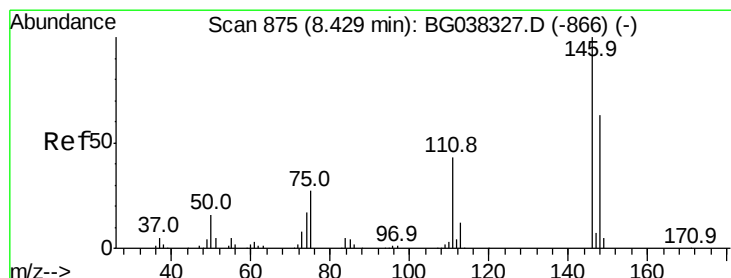
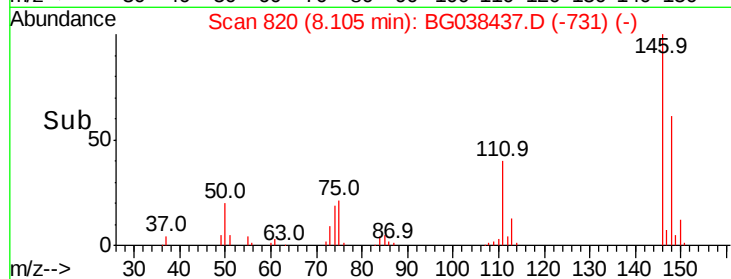
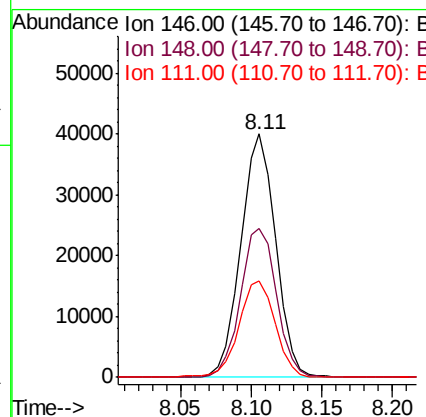
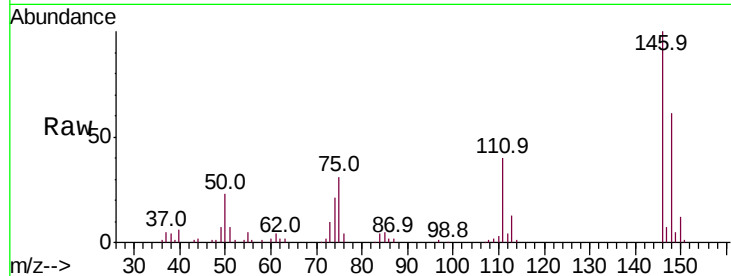
#13
 1,4-Dichlorobenzene
 Concen: 31.183 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleID :
 PB115249BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.0	76.6
111	39.8	32.4	48.6

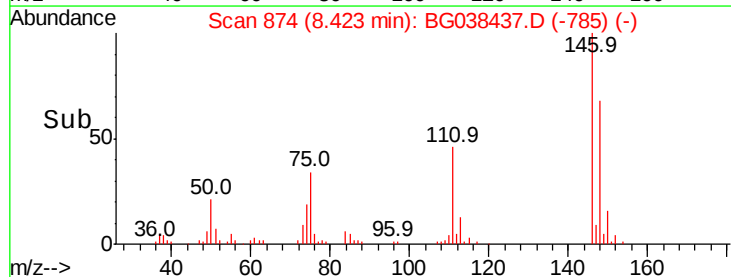
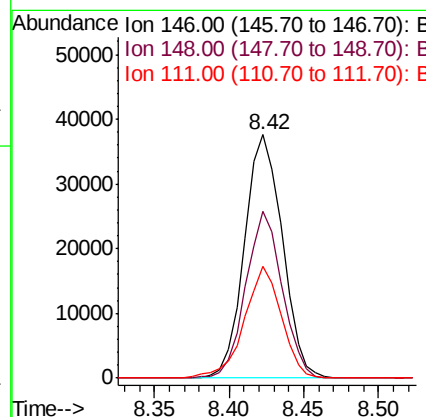
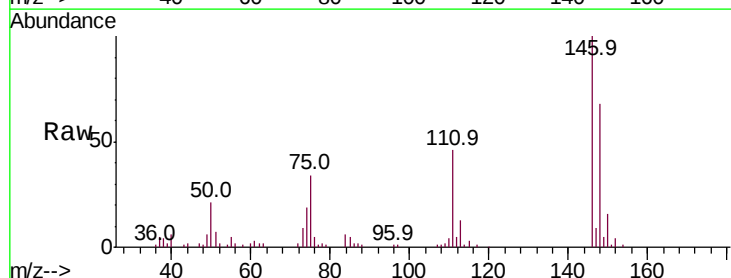
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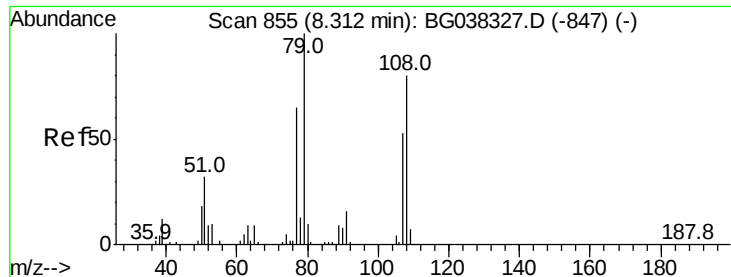
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 30.370 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.4	50.4	75.6
111	45.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 31.497 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

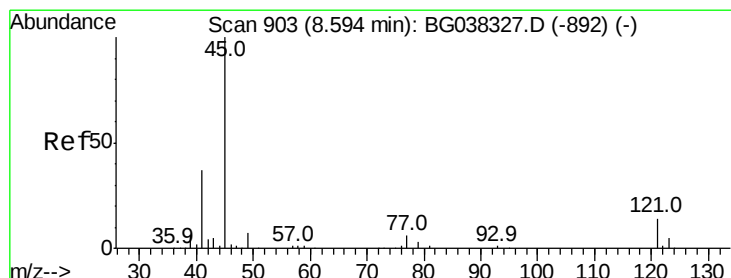
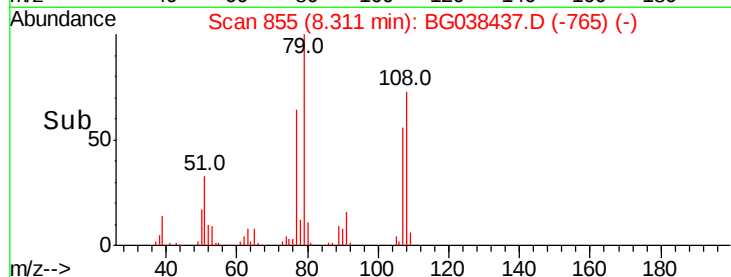
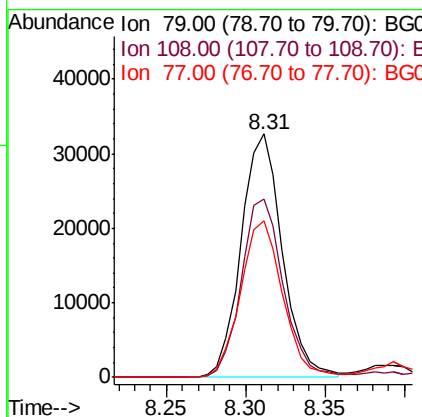
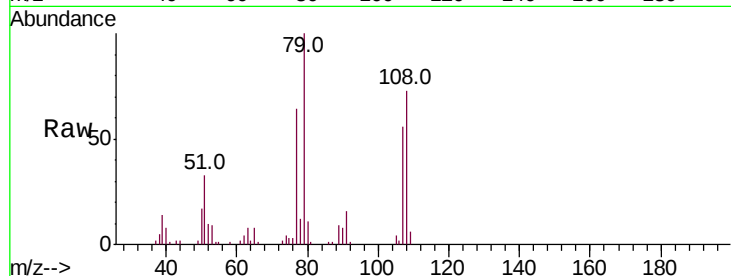
ClientSampleId :

PB115249BS

Tot Ion:	79	Resp:	58945
Ion Ratio	Lower	Upper	
79	100		
108	73.3	65.8	98.8
77	64.3	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.700 ng

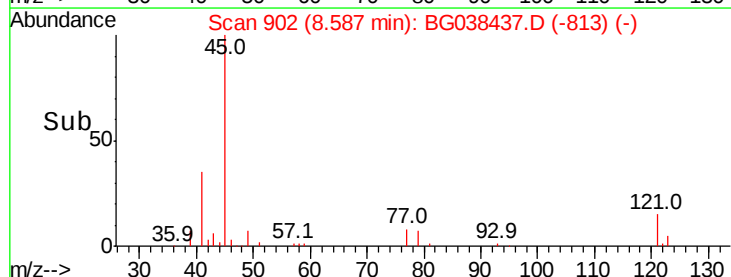
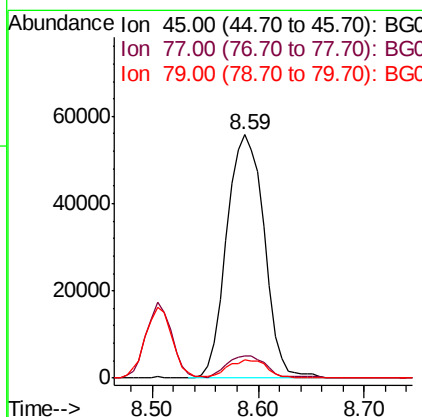
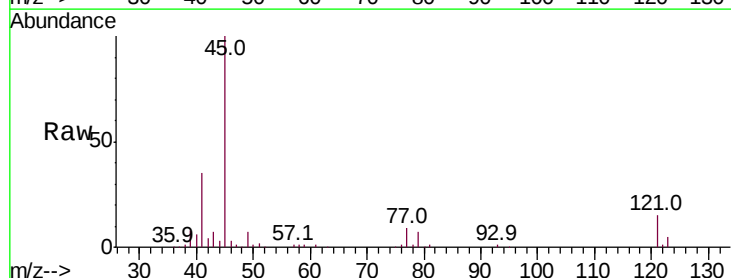
RT: 8.59 min Scan# 902

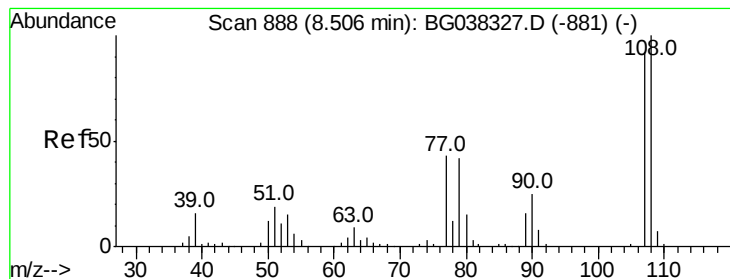
Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:	45	Resp:	137547
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	30.0
79	7.4	0.0	29.0





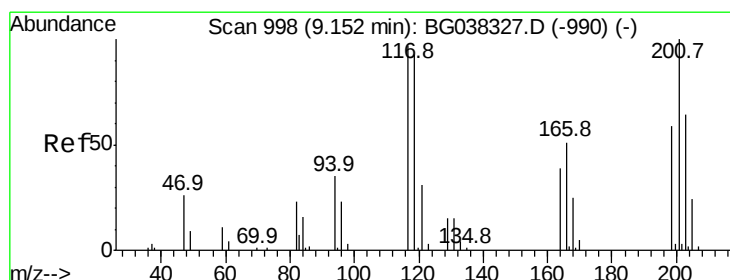
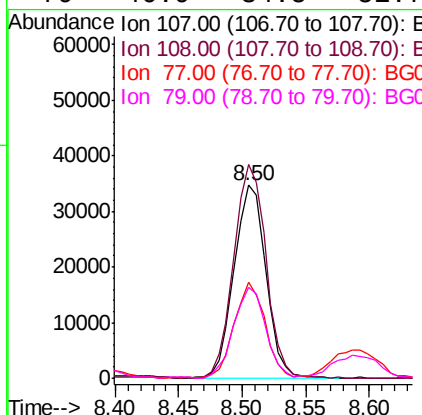
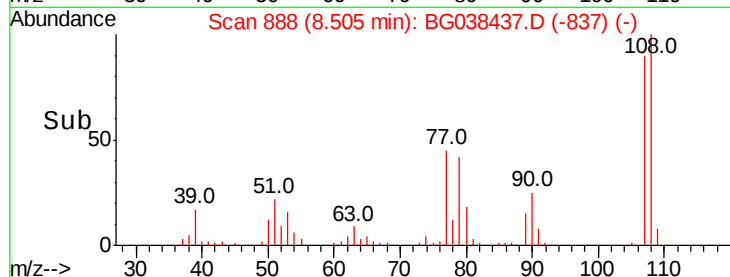
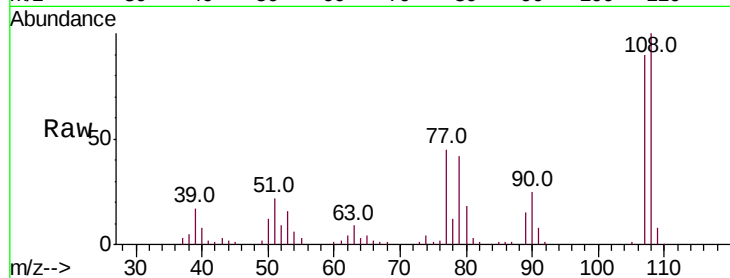
#17
2-Methylphenol
Concen: 35.260 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.9	131.9
77	50.1	35.1	52.7
79	46.9	34.5	51.7

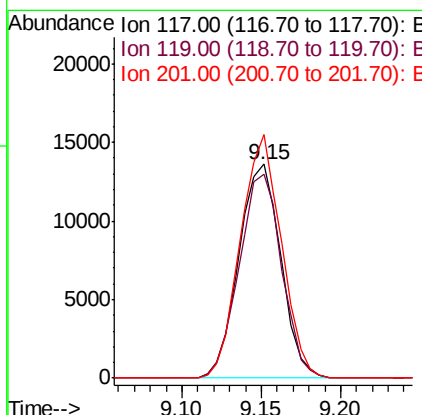
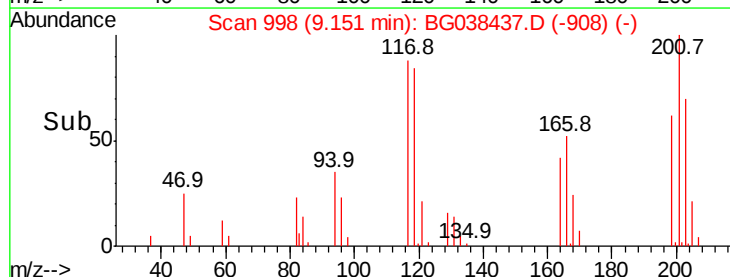
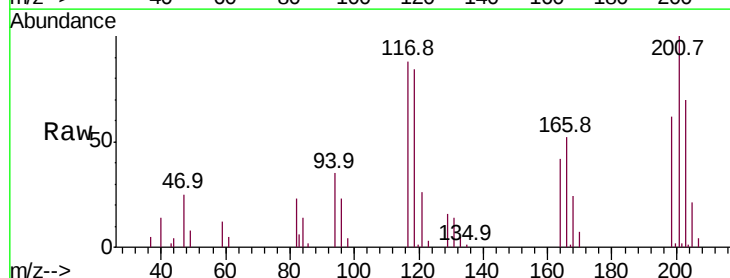
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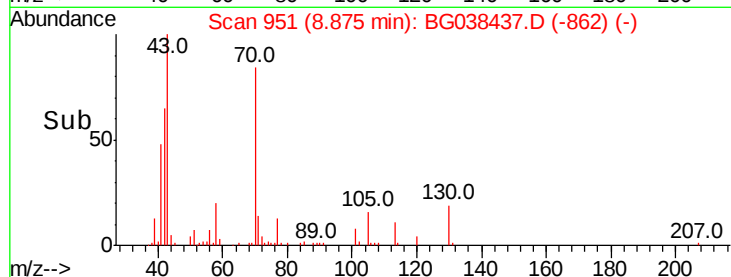
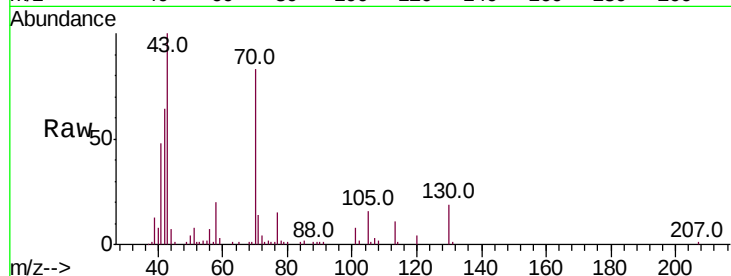
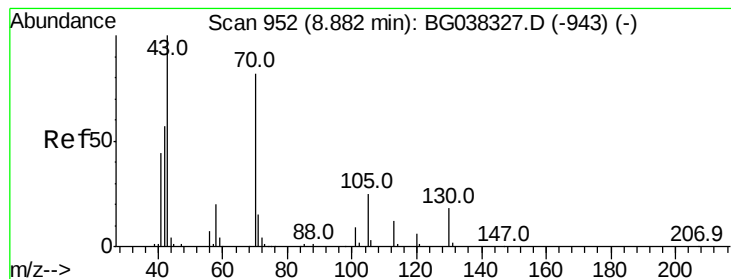
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#18
Hexachloroethane
Concen: 31.443 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.6	111.8
201	114.0	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 31.031 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

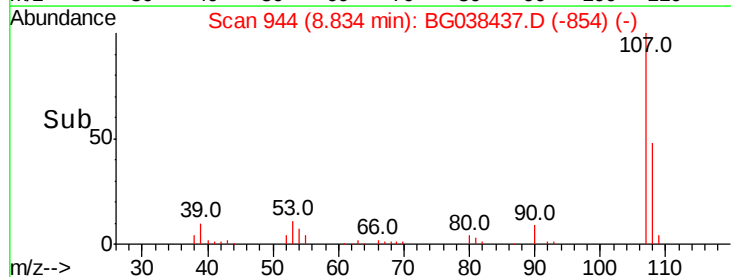
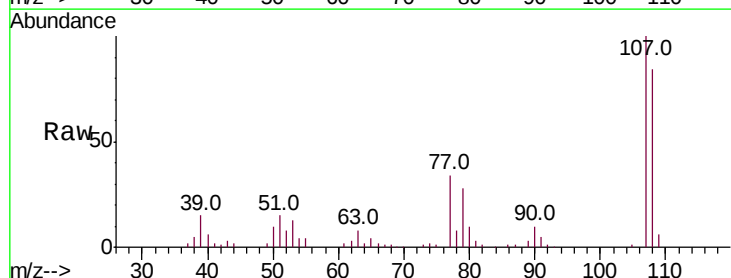
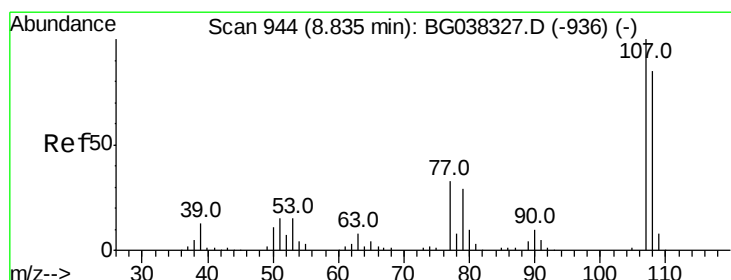
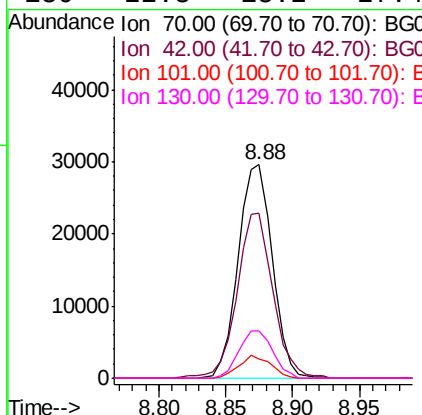
ClientSampleId :

PB115249BS

Tot Ion:	70	Resp:	52412
Ion Ratio	Lower	Upper	
70	100		
42	77.4	53.9	80.9
101	9.0	8.2	12.2
130	22.3	18.2	27.4

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#20

3+4-Methylphenols

Concen: 33.627 ng

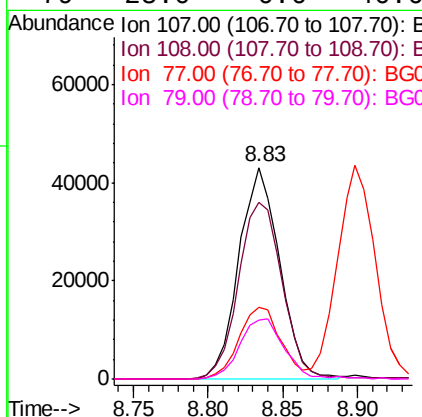
RT: 8.83 min Scan# 944

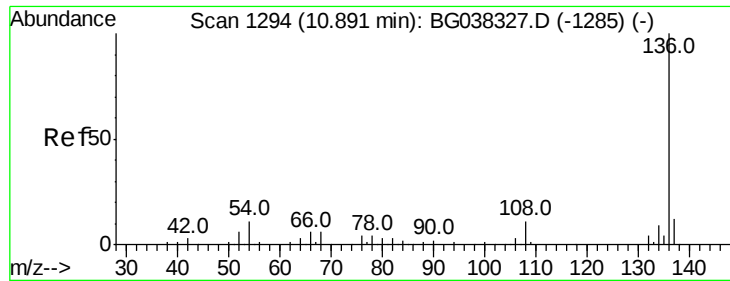
Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:	107	Resp:	81479
Ion Ratio	Lower	Upper	
107	100		
108	83.9	69.9	109.9
77	34.1	11.2	51.2
79	28.0	6.6	46.6





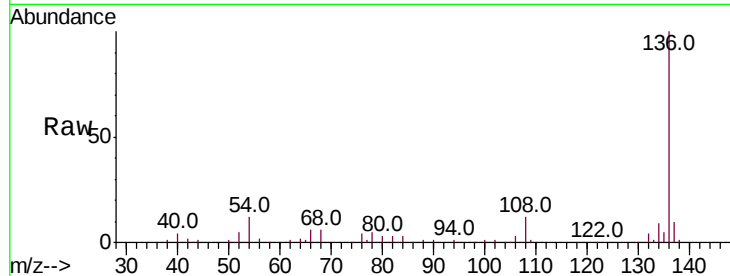
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

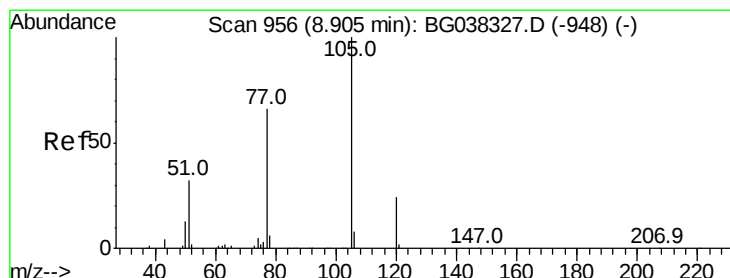
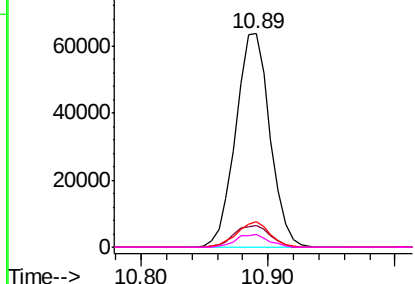
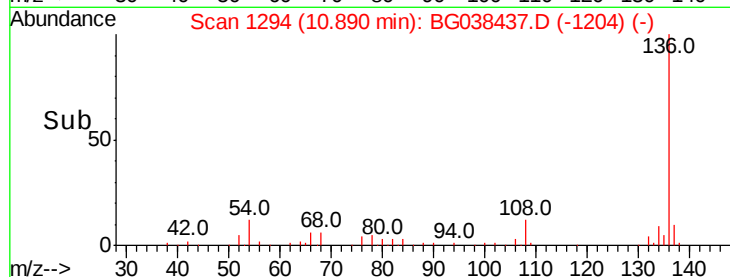
Tot Ion	Ratio	Resp	Lower	Upper
136	100	119167		
137	10.2	9.6	14.4	
54	12.1	7.9	11.9	
68	6.3	4.8	7.2	

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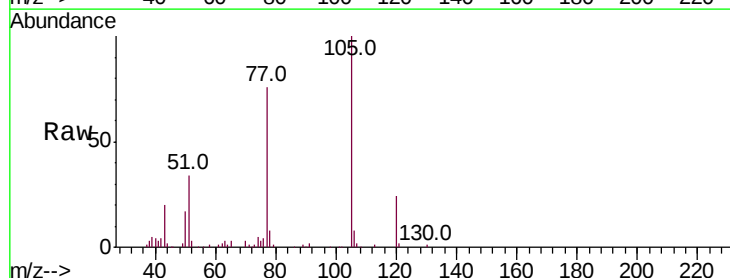


Abundance Ion 136.00 (135.70 to 136.70): E
100000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

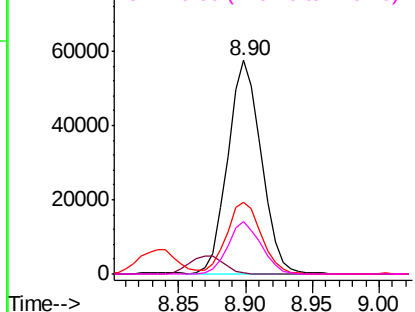
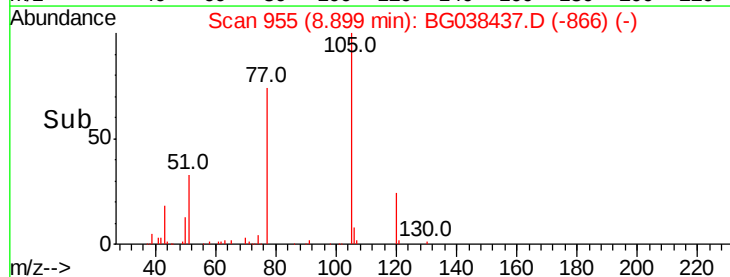


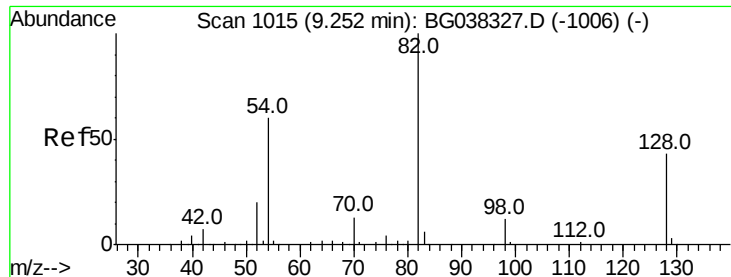
#22
Acetophenone
Concen: 34.722 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	100866		
71	0.9	1.2	1.8	
51	33.6	25.0	37.6	
120	24.4	18.6	28.0	



Abundance Ion 105.00 (104.70 to 105.70): E
80000
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E





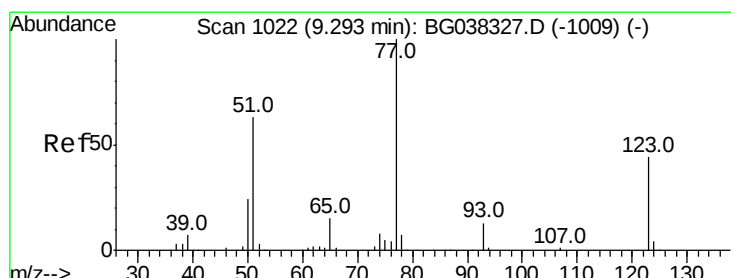
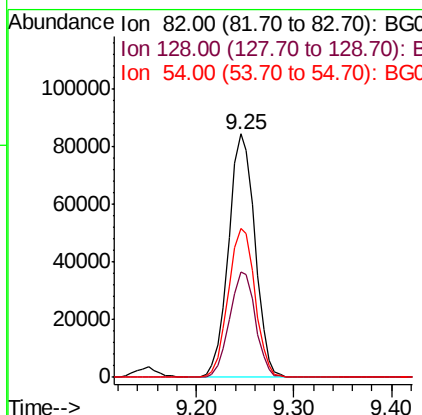
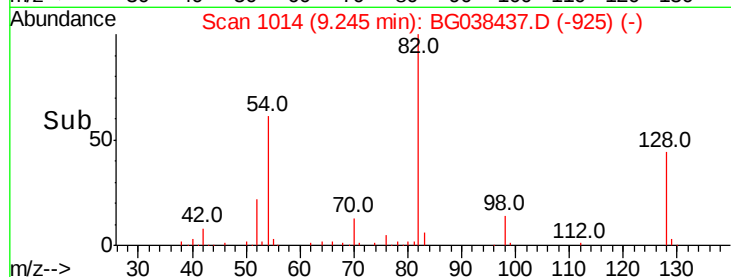
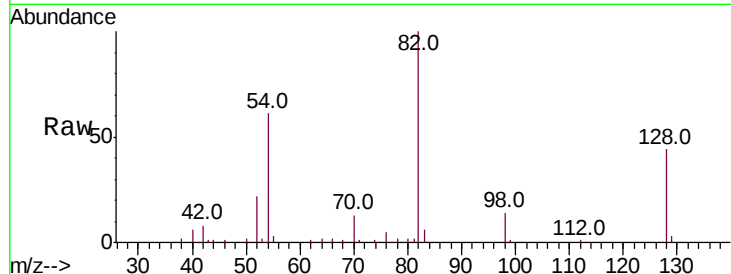
#23
Nitrobenzene-d5
Concen: 65.852 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	34.6	51.8	
54	61.1	45.3	67.9	

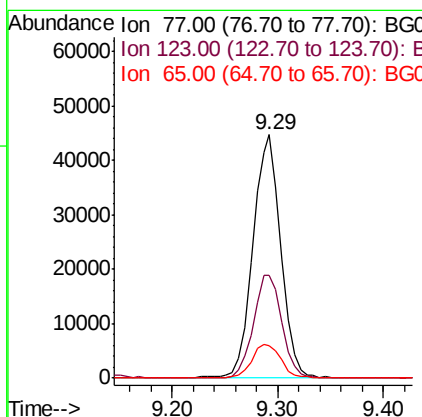
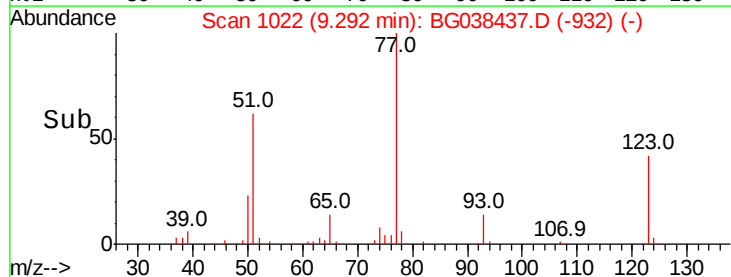
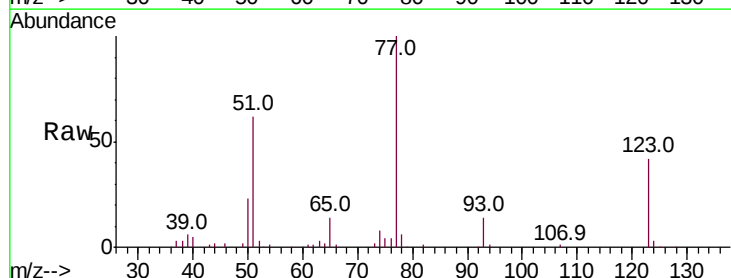
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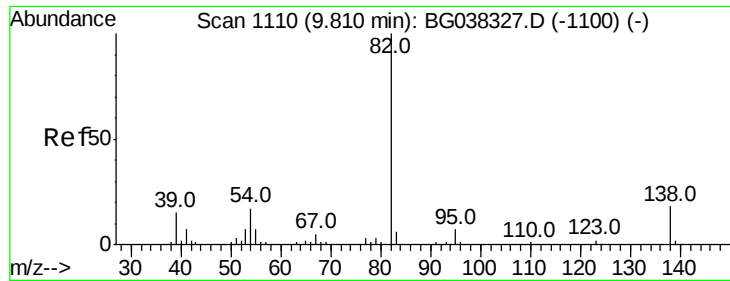
Sohil
12/11/2018 6:07:17 PM



#24
Nitrobenzene
Concen: 33.625 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.0	33.6	50.4	
65	13.6	11.3	16.9	





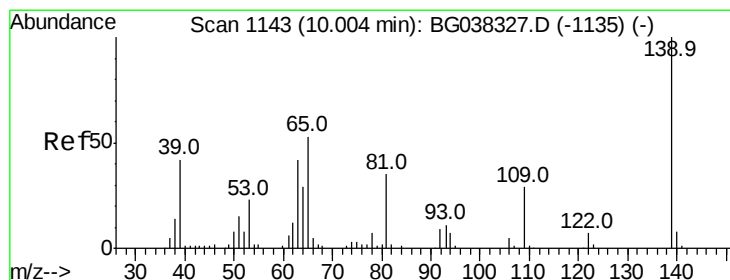
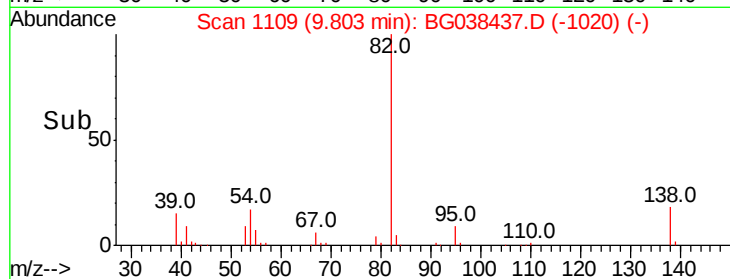
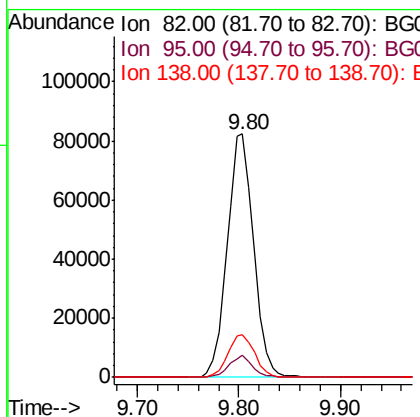
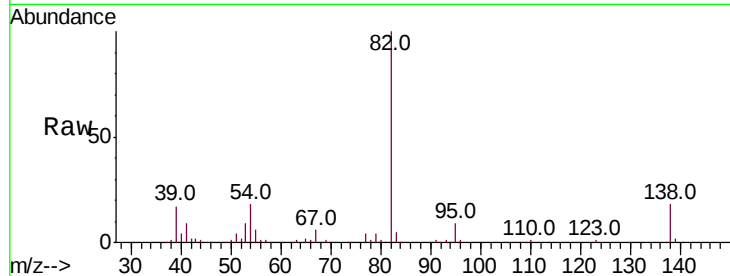
#25
Isophorone
Concen: 35.069 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.9	5.3	7.9#
138	17.6	13.3	19.9

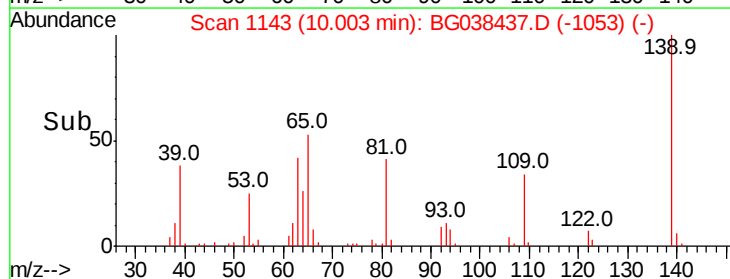
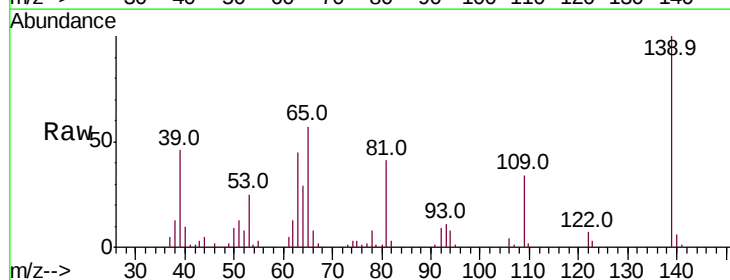
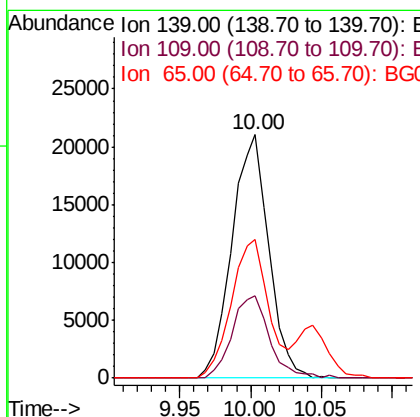
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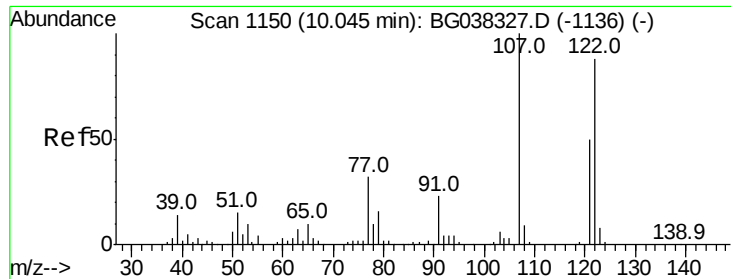
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#26
2-Nitrophenol
Concen: 33.811 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.8	23.3	34.9
65	57.1	39.8	59.8





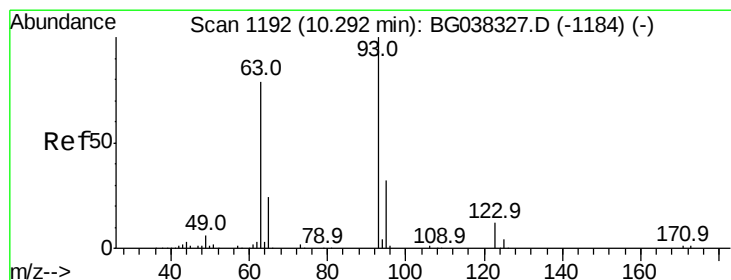
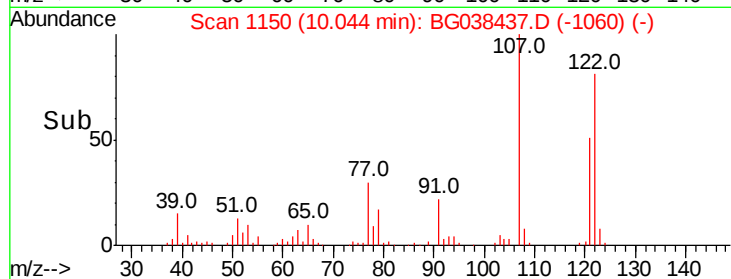
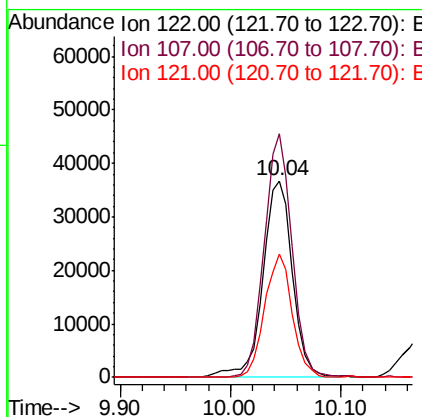
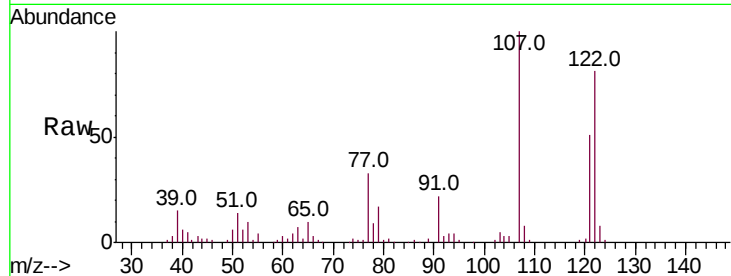
#27
2,4-Dimethylphenol
Concen: 42.458 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	94.2	141.2
121	62.5	47.3	70.9

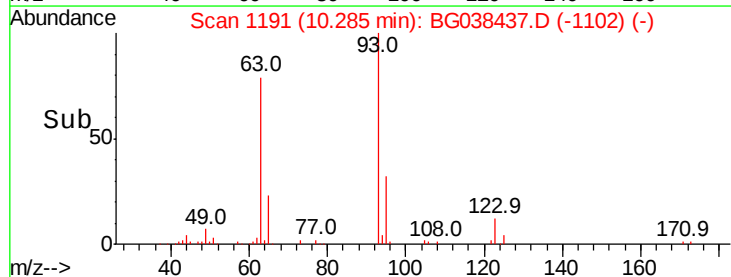
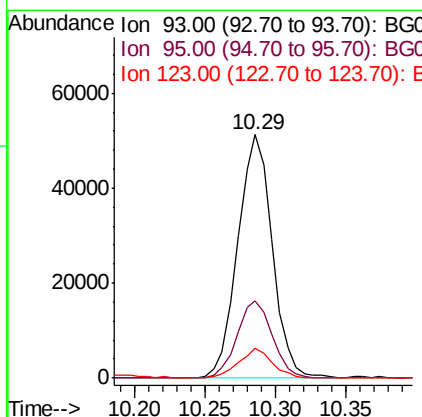
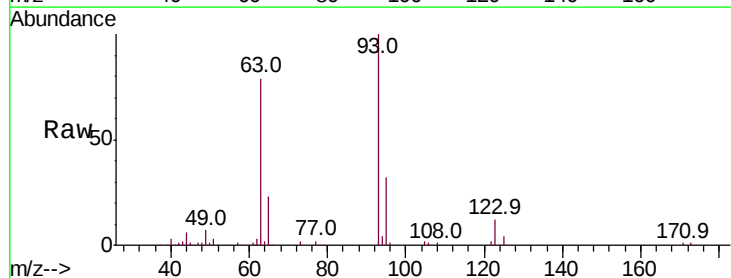
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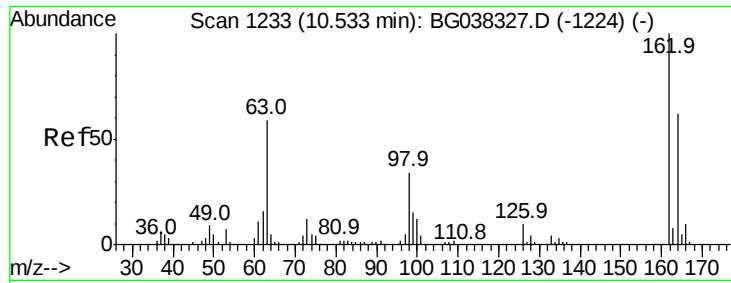
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 36.221 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.6	37.0
123	12.3	9.1	13.7





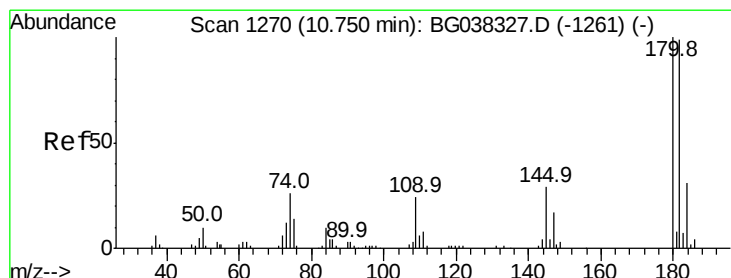
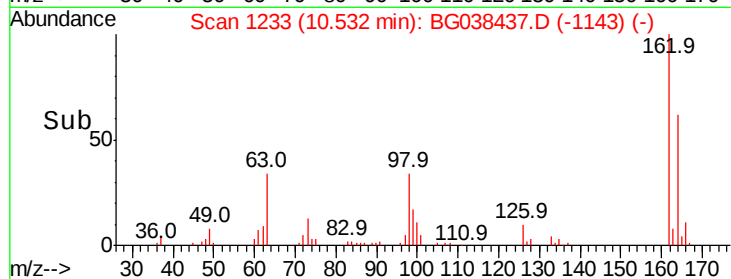
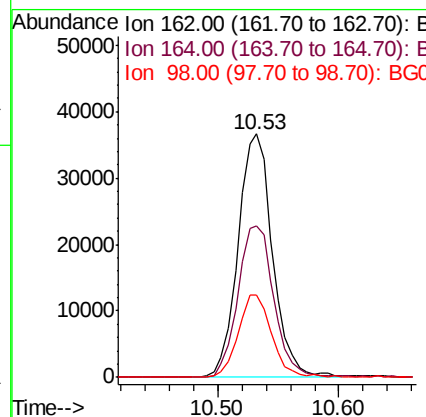
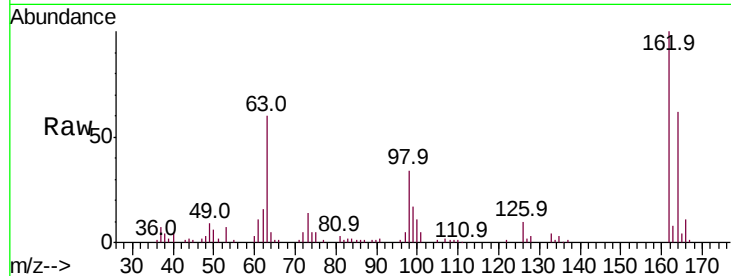
#29
2,4-Dichlorophenol
Concen: 39.156 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.2	83.2
98	34.0	16.0	56.0

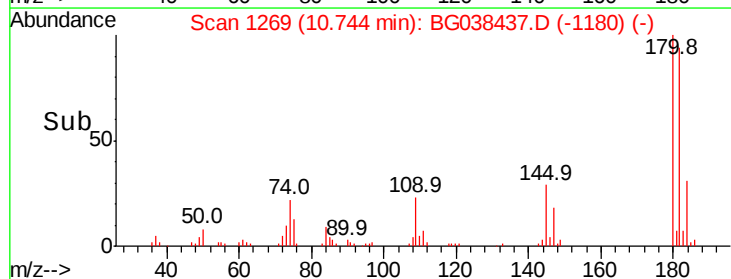
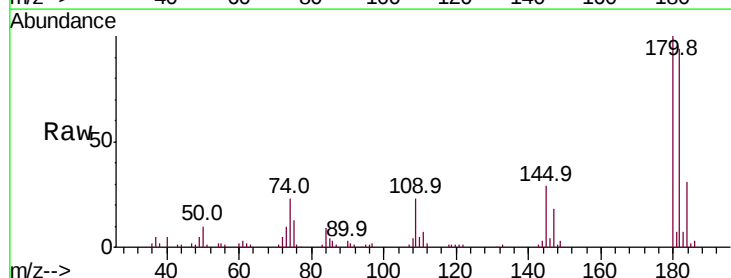
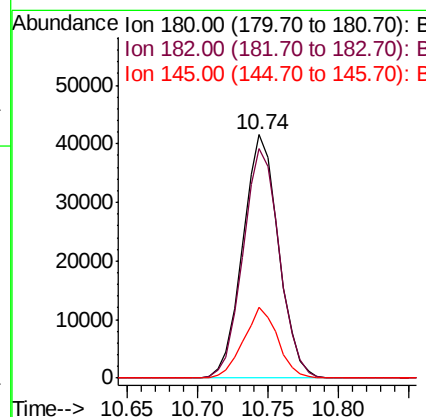
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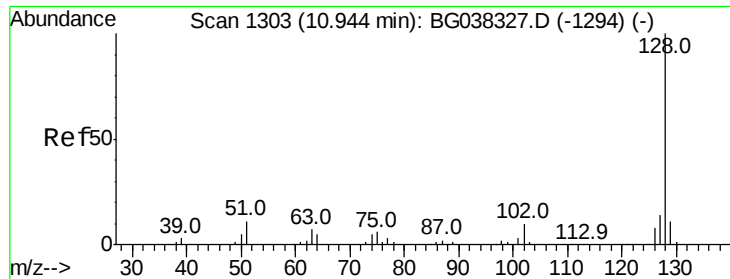
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 33.962 ng
RT: 10.74 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.7	116.5
145	29.0	23.3	34.9





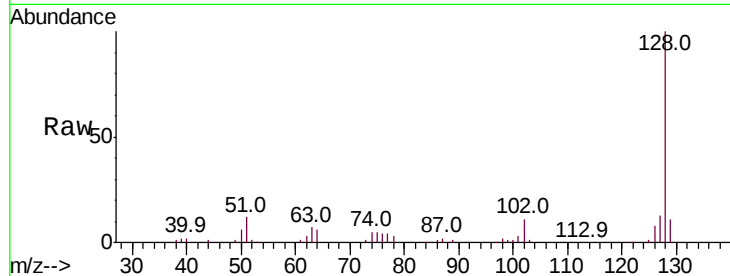
#31
Naphthalene
Concen: 36.985 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.5	11.1	16.7

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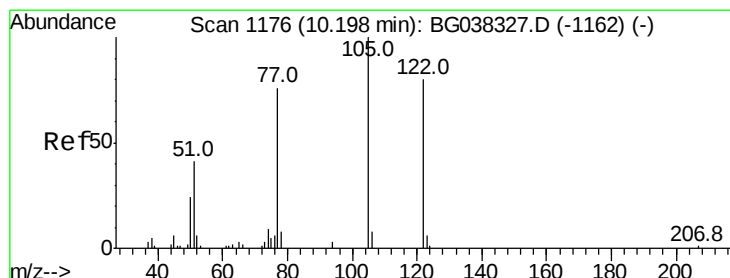
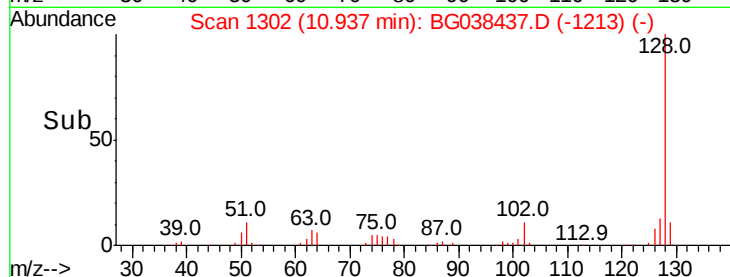
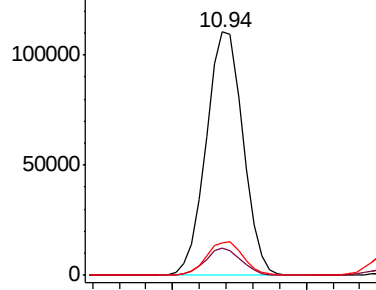


Abundance

Ion 128.00 (127.70 to 128.70): E

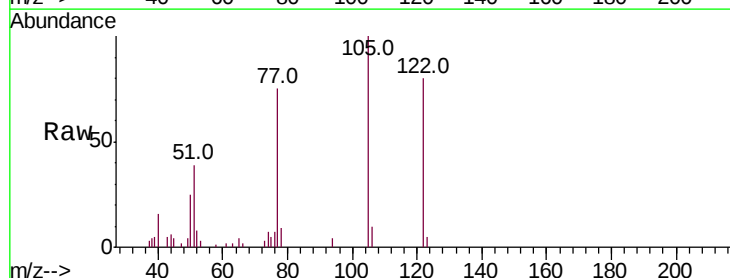
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.743 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	106.7	146.7
77	93.1	72.2	112.2

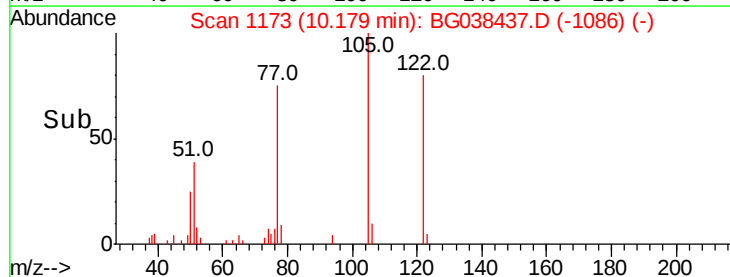
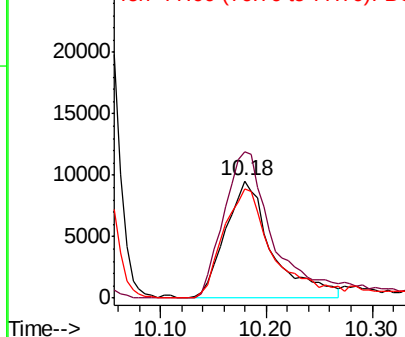


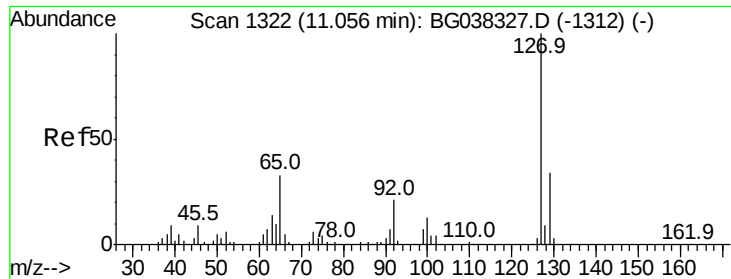
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





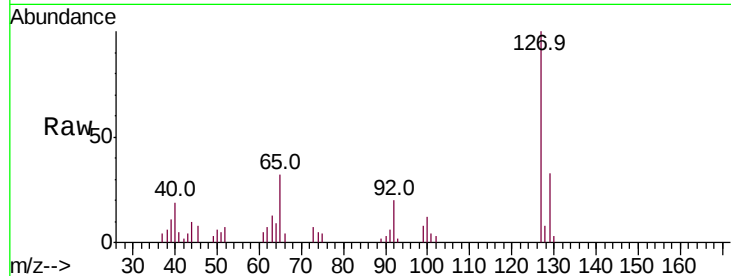
#33
4-Chloroaniline
Concen: 8.728 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

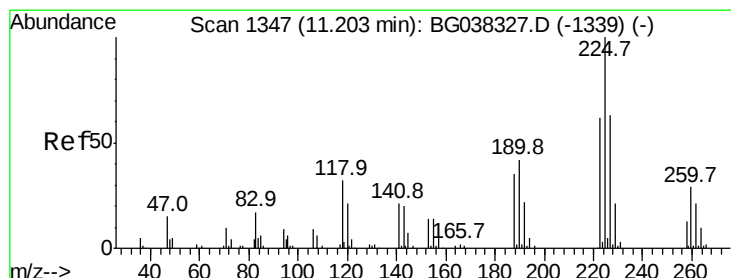
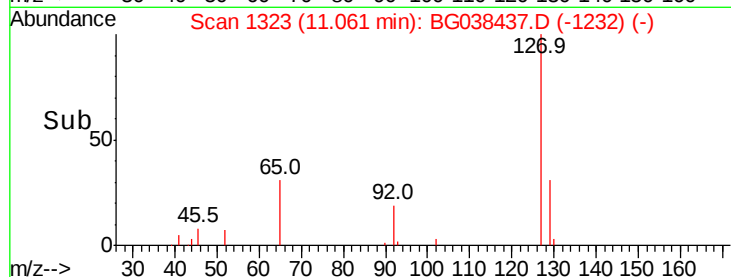
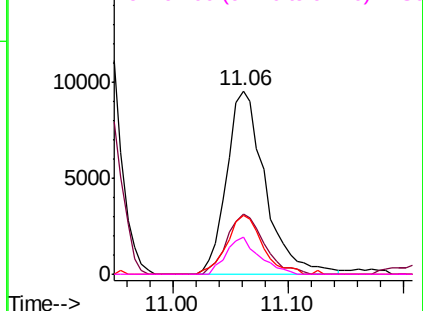
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.1	40.7
65	32.4	26.6	39.8
92	20.5	16.4	24.6

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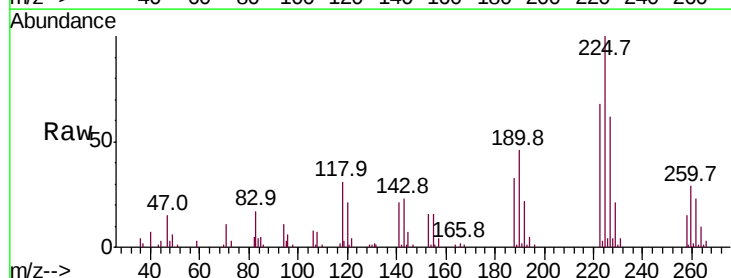


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

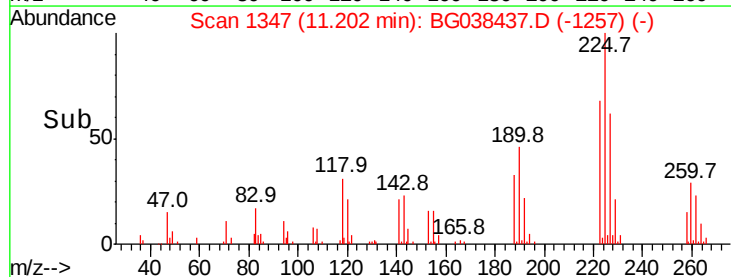
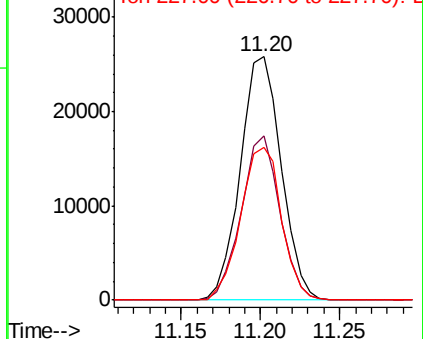


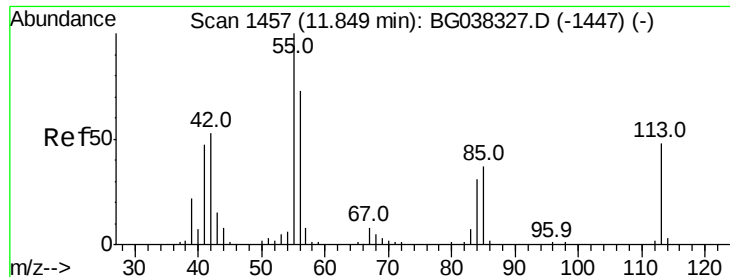
#34
Hexachlorobutadiene
Concen: 33.975 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.7	48.2	72.4
227	63.6	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.974 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

PB115249BS

Tot Ion:113 Resp: 27560

Ion Ratio Lower Upper

113 100

55 219.0 176.6 216.6#

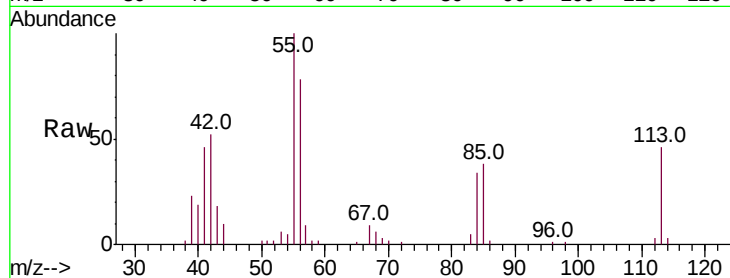
56 170.7 128.3 168.3#

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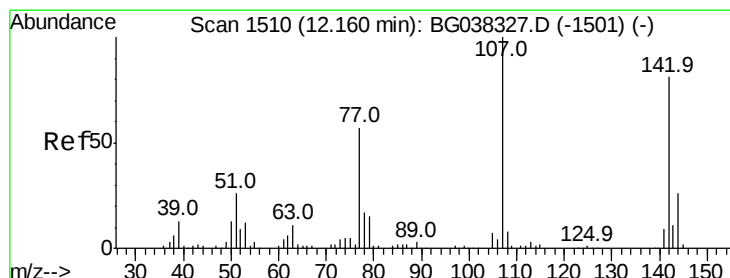
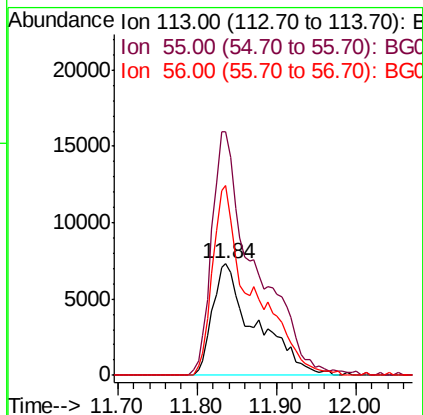
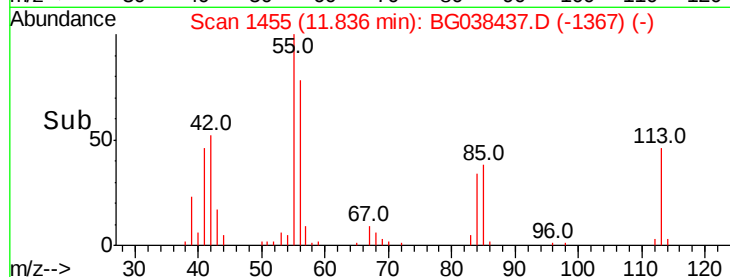
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.632 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

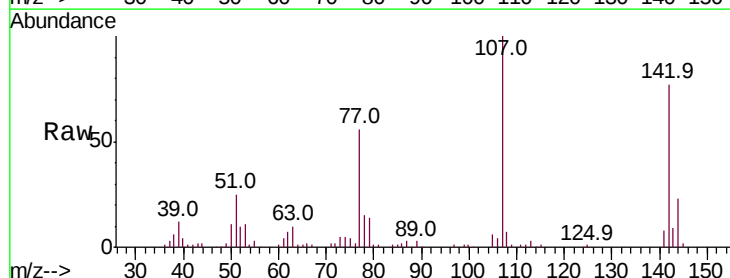
Tgt Ion:107 Resp: 81578

Ion Ratio Lower Upper

107 100

144 23.2 20.7 31.1

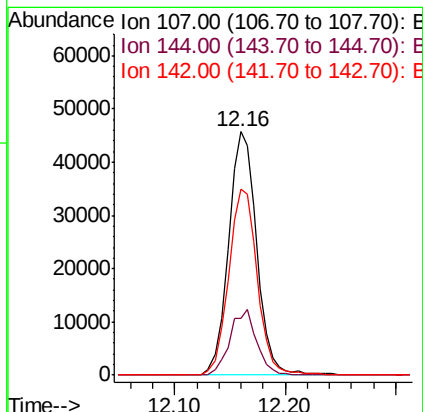
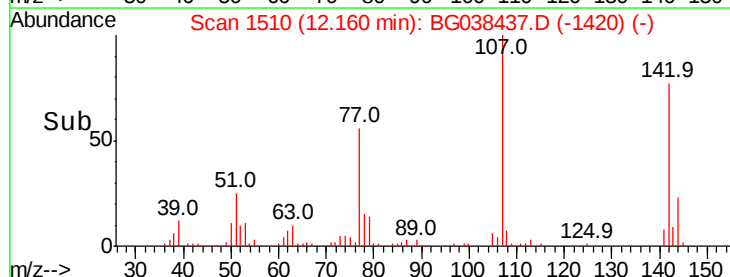
142 76.5 64.4 96.6

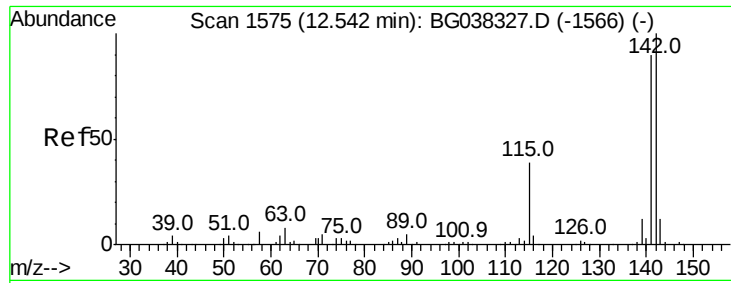


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





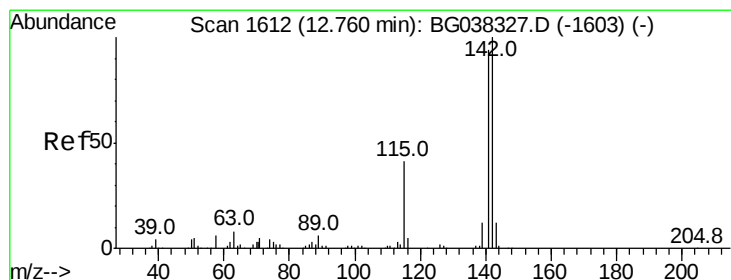
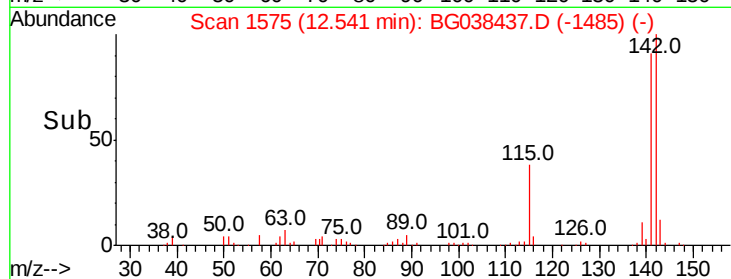
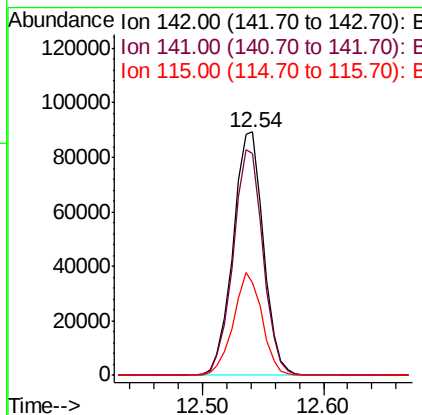
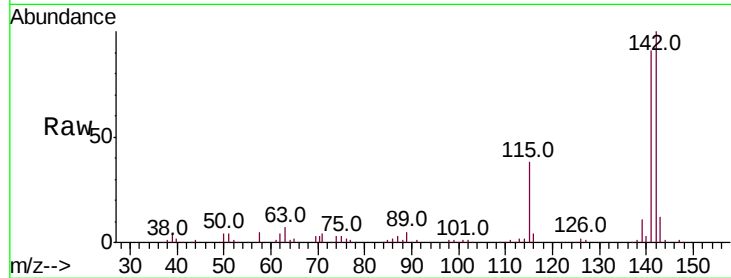
#37
2-Methylnaphthalene
Concen: 38.630 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	37.9	27.8	41.8

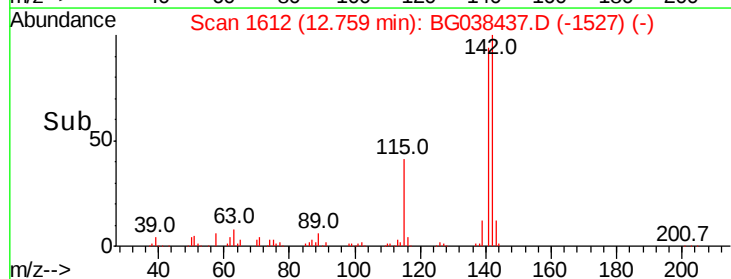
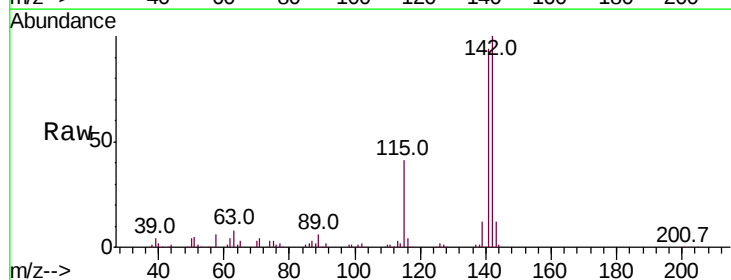
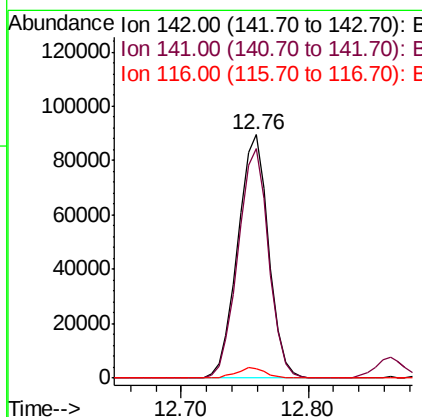
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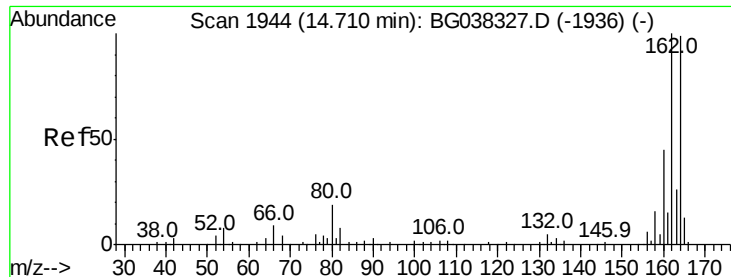
Sohil
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#38
1-Methylnaphthalene
Concen: 38.822 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.2	112.8
116	4.1	3.3	4.9





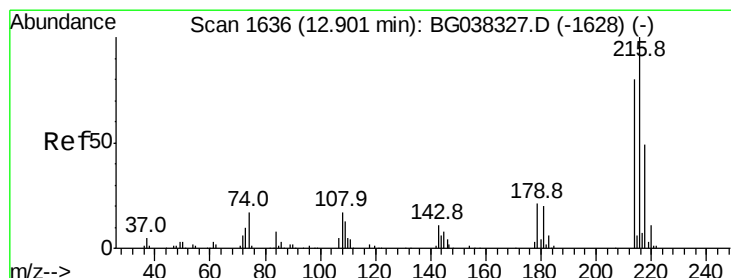
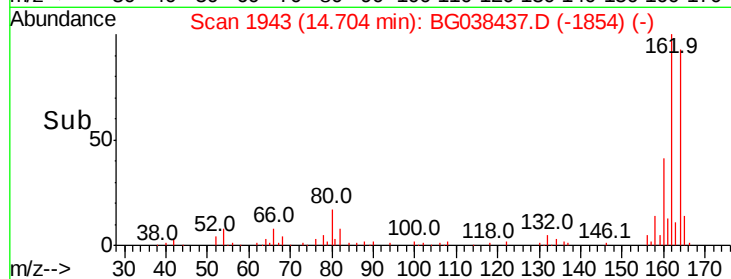
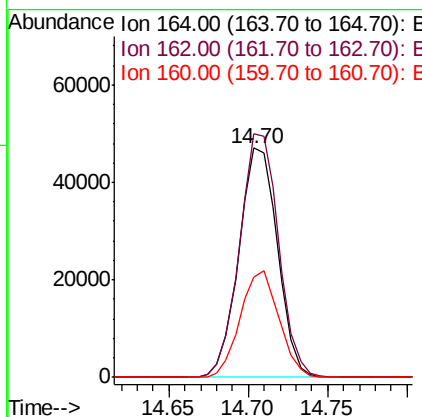
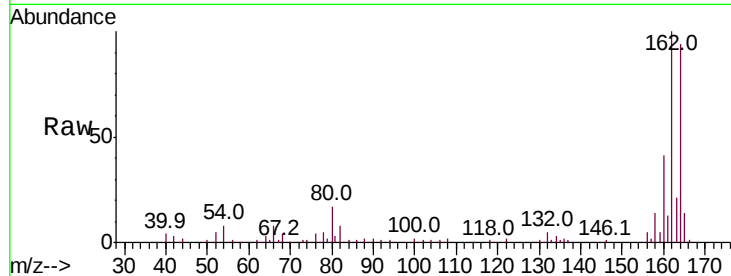
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.3	121.9
160	43.6	36.3	54.5

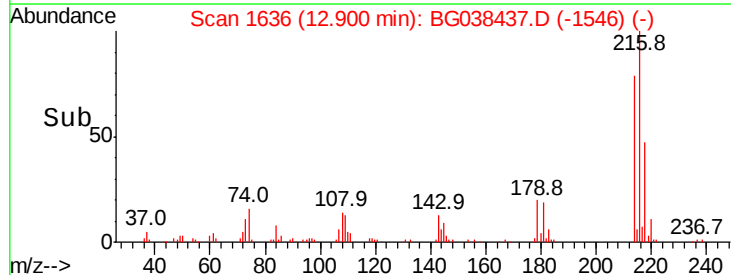
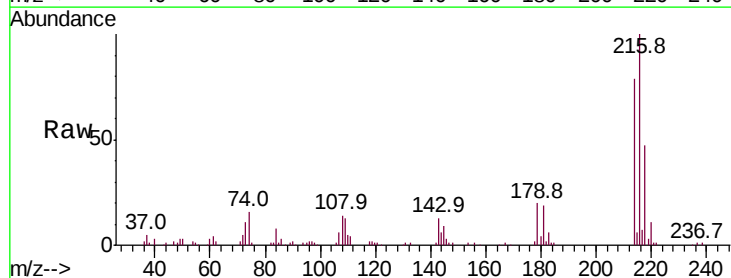
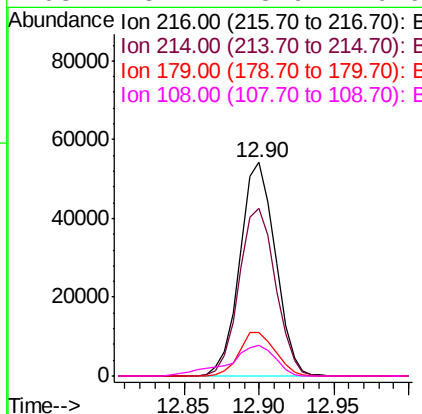
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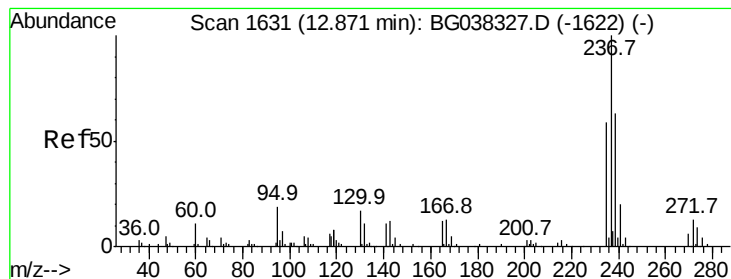
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.589 ng
RT: 12.90 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.8	95.6
179	21.0	17.4	26.0
108	18.7	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 71.870 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

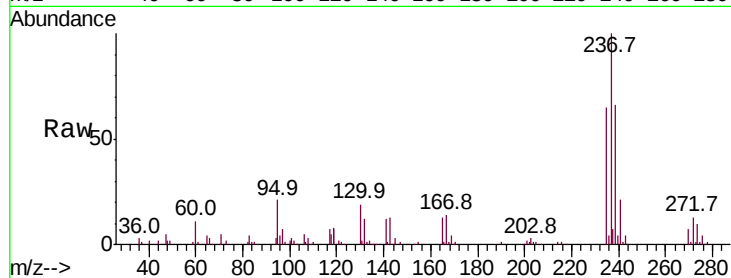
ClientSampleId :

PB115249BS

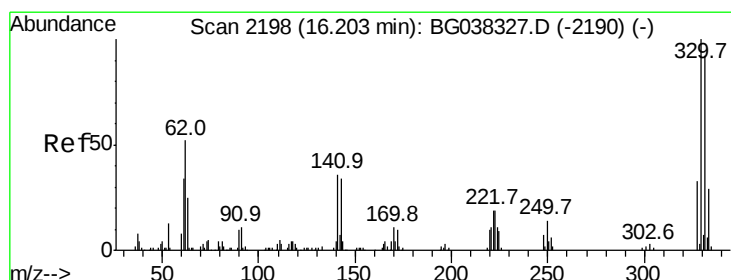
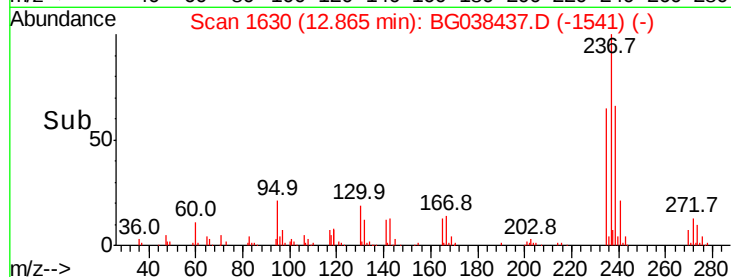
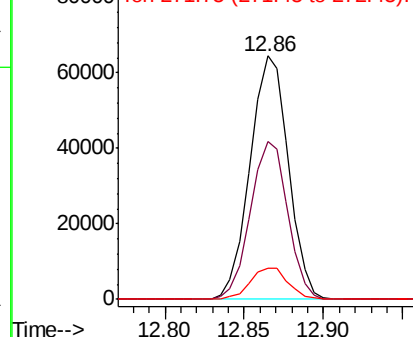
Tot Ion:	237	Resp:	108385
Ion Ratio	Lower	Upper	
237	100		
235	65.0	42.5	82.5
272	12.9	0.0	31.6

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: 116.898 ng

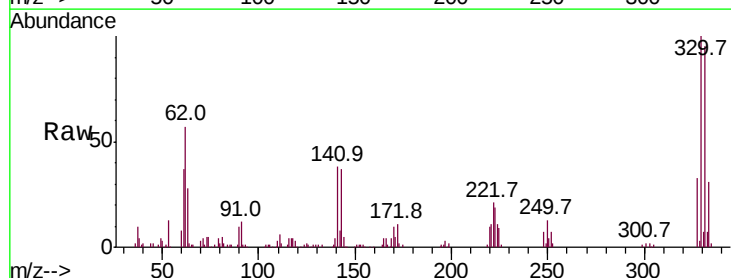
RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

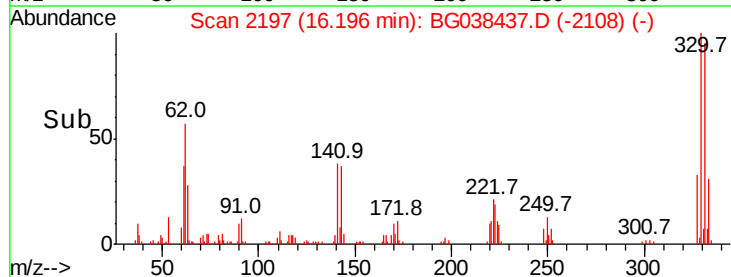
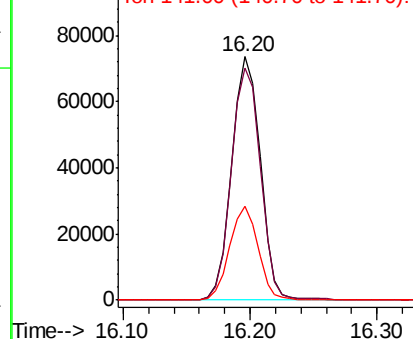
Lab File: BG038437.D

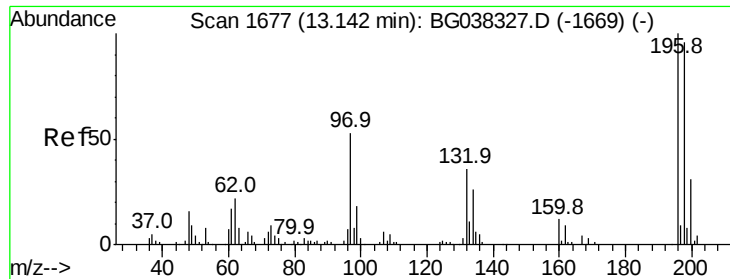
Acq: 10 Dec 2018 11:21

Tgt Ion:	330	Resp:	114448
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.4	117.6
141	38.5	32.2	48.2



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





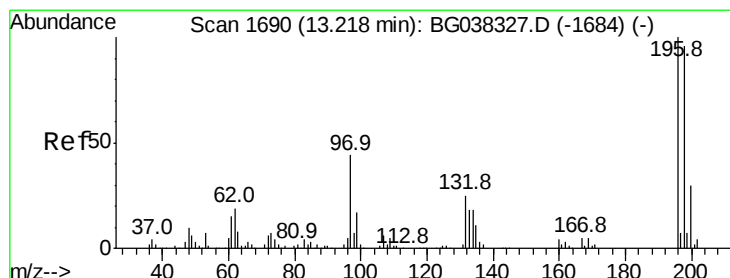
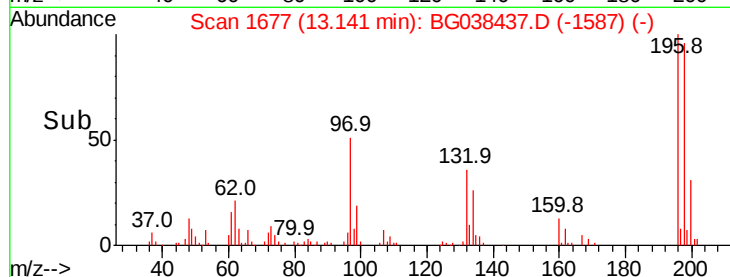
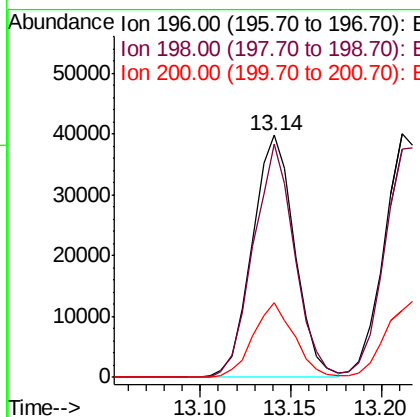
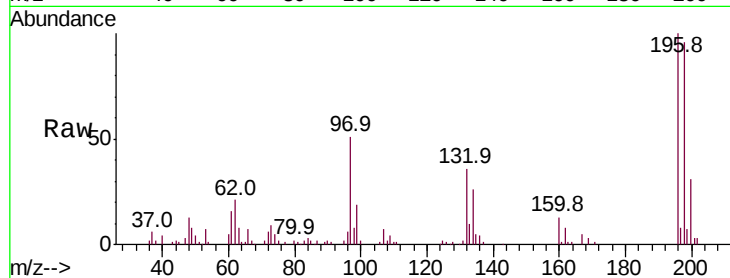
#43
 2,4,6-Trichlorophenol
 Concen: 36.196 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampled :
 PB115249BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64344		
198	96.3	76.4	114.6	
200	30.8	24.9	37.3	

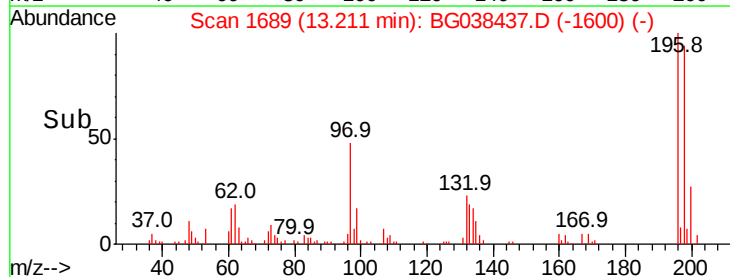
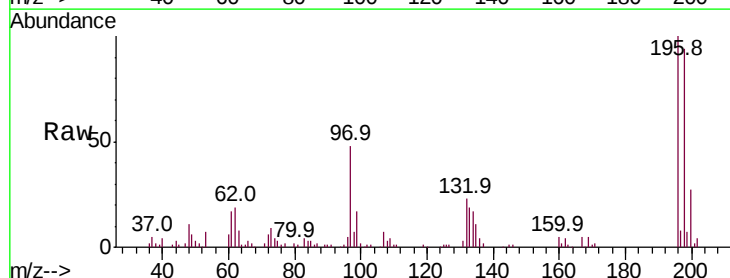
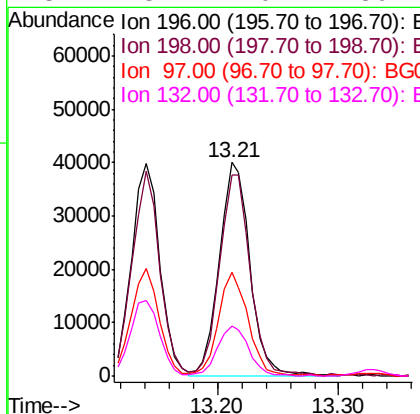
Manual Integrations
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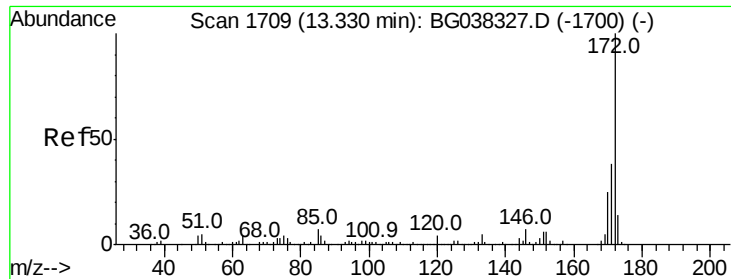
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 37.216 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70087		
198	93.9	74.2	111.2	
97	48.4	34.1	51.1	
132	23.2	20.2	30.4	





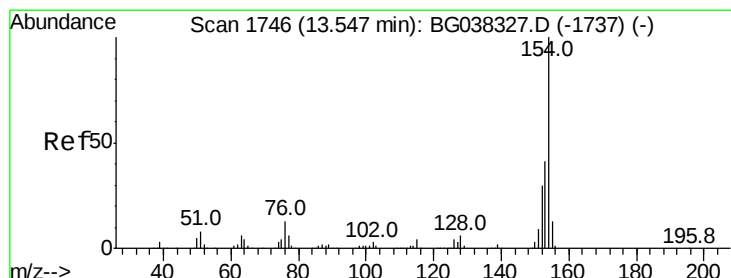
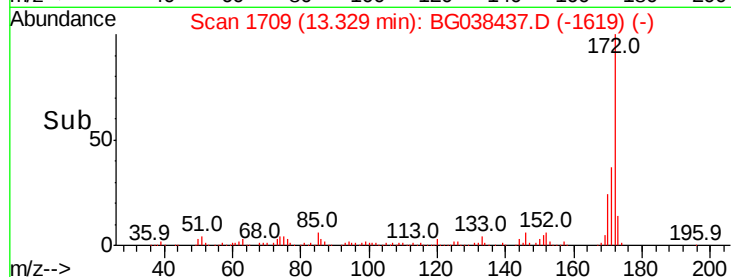
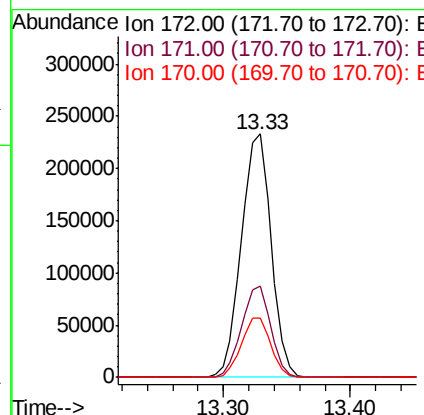
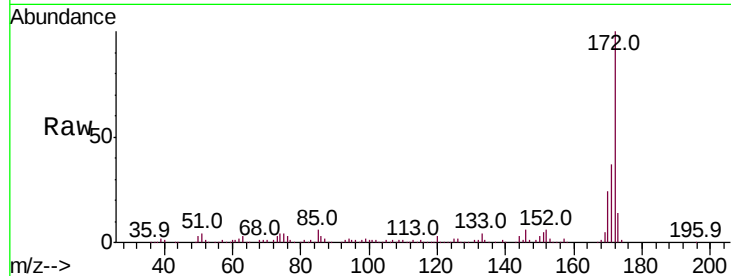
#45
2-Fluorobiphenyl
Concen: 67.562 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.4	20.2	30.2

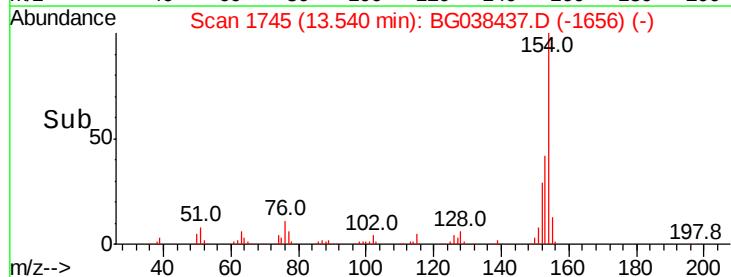
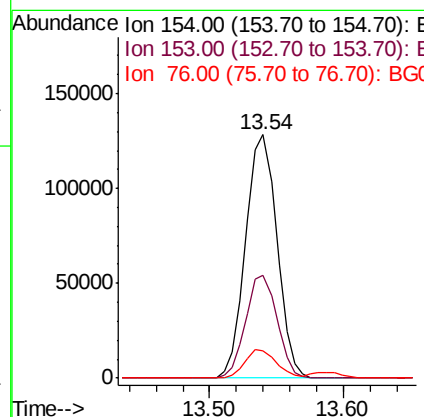
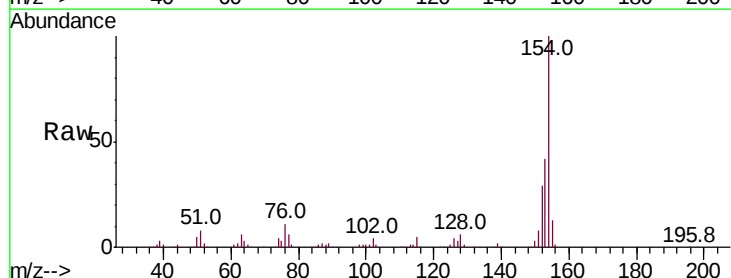
Manual Integrations
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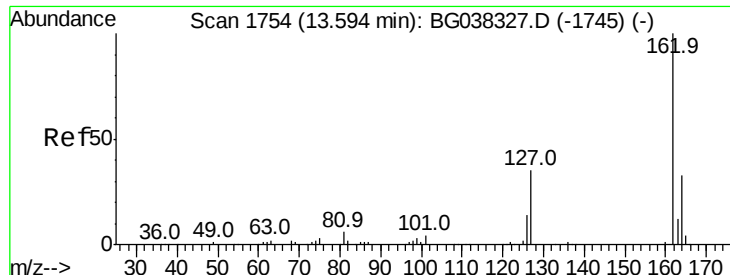
Sohil
12/11/2018 6:07:17 PM



#46
1,1'-Biphenyl
Concen: 30.821 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	11.5	0.0	33.2





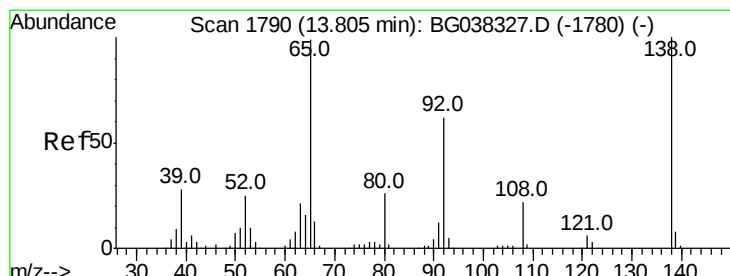
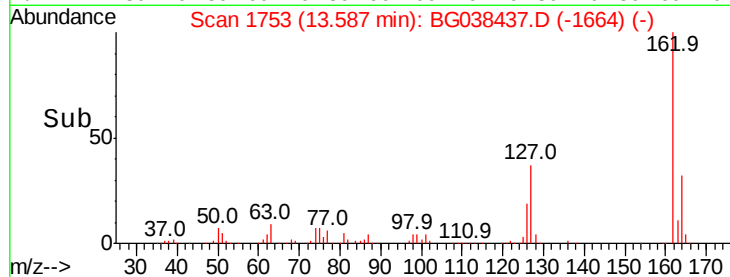
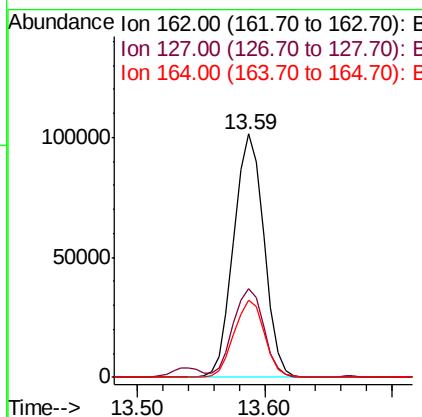
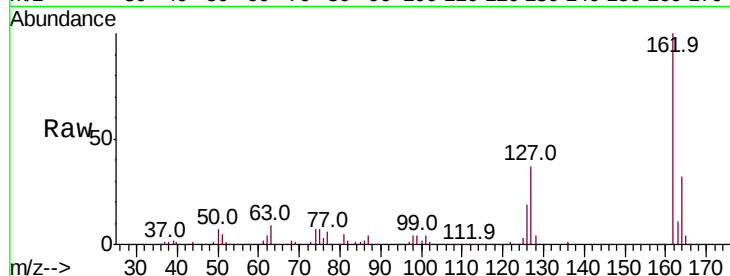
#47
 2-Chloronaphthalene
 Concen: 32.925 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	167488		
127	36.5		30.5	45.7
164	32.0		26.4	39.6

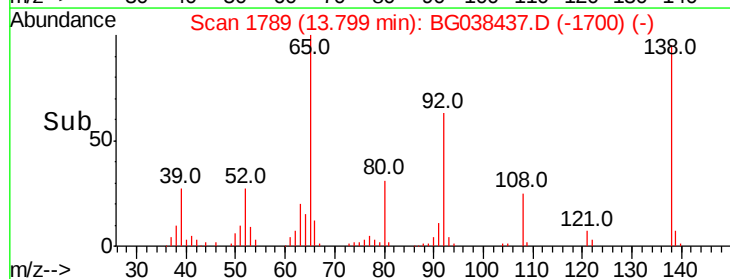
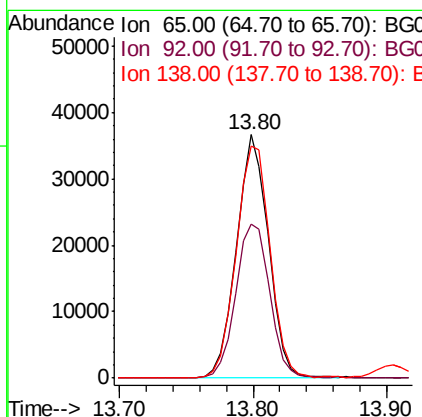
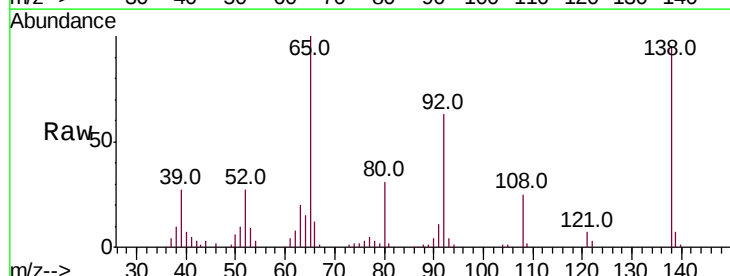
Manual Integrations
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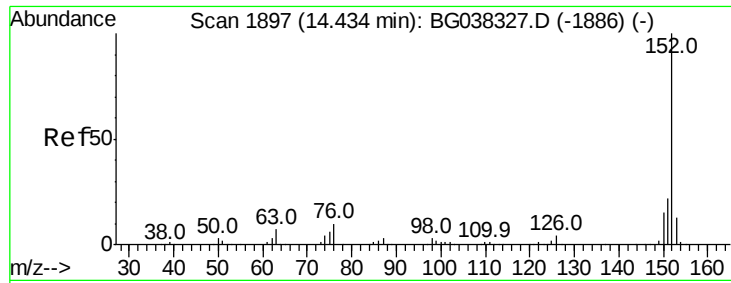
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#48
 2-Nitroaniline
 Concen: 35.635 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	60816		
92	63.2		53.2	79.8
138	95.2		79.3	118.9





#49

Acenaphthylene

Concen: 36.731 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

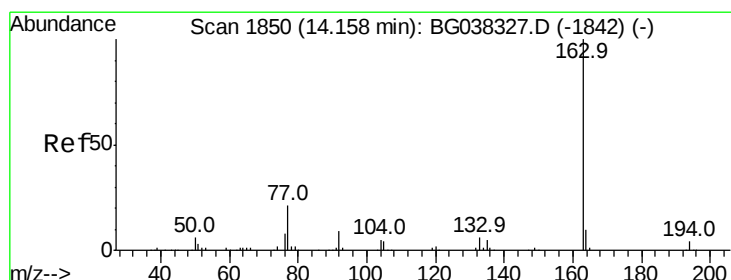
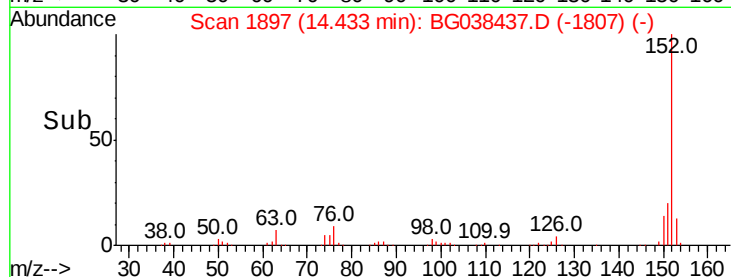
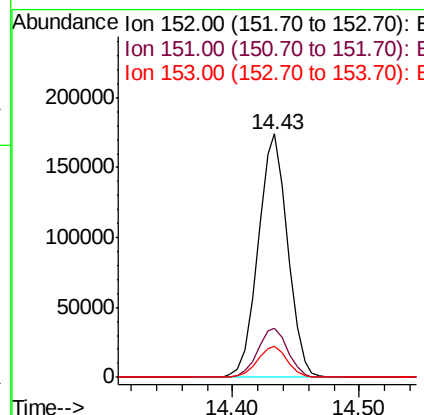
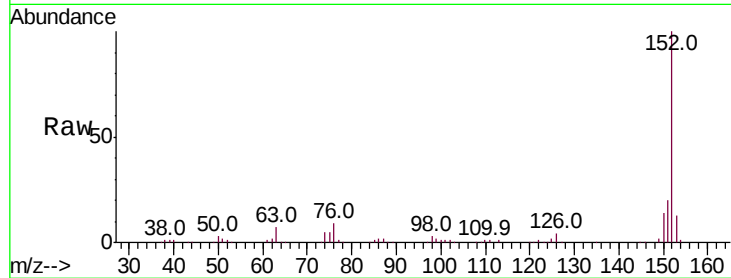
ClientSampleId :

PB115249BS

Tot Ion:	152	Resp:	281406
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.1	25.7
153	12.6	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 35.906 ng

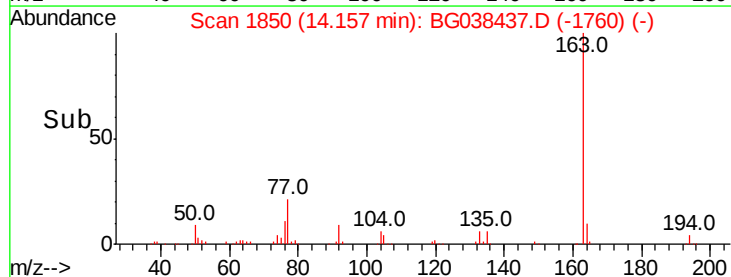
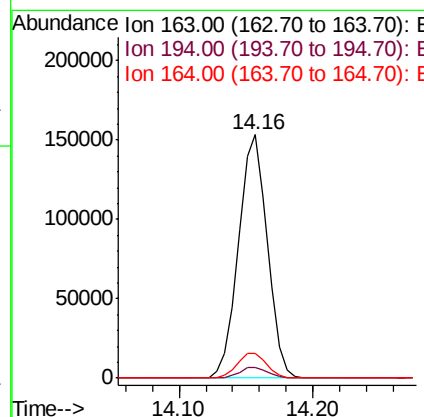
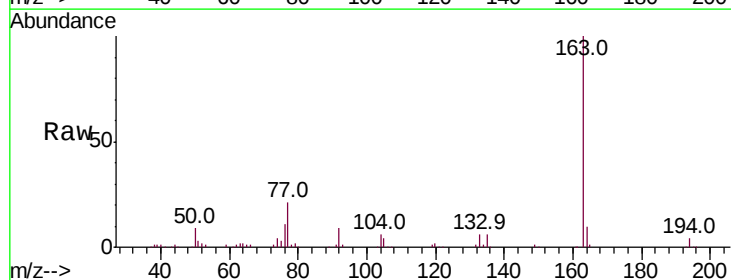
RT: 14.16 min Scan# 1850

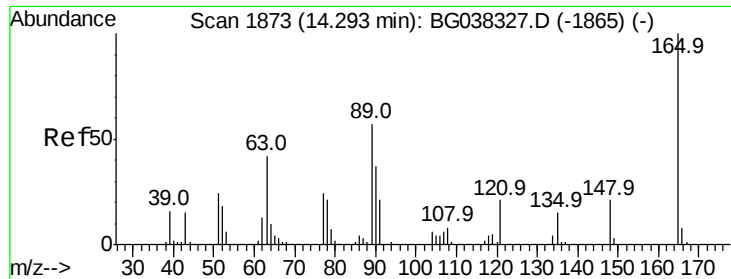
Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:	163	Resp:	229678
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.3	8.5	12.7





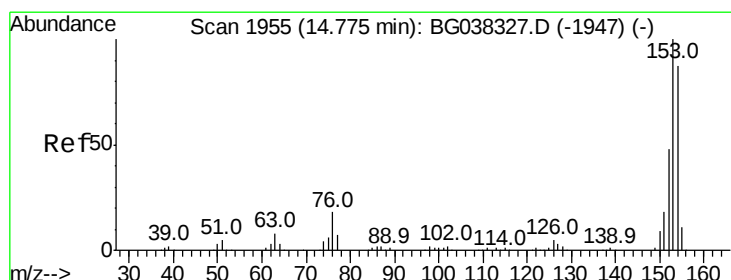
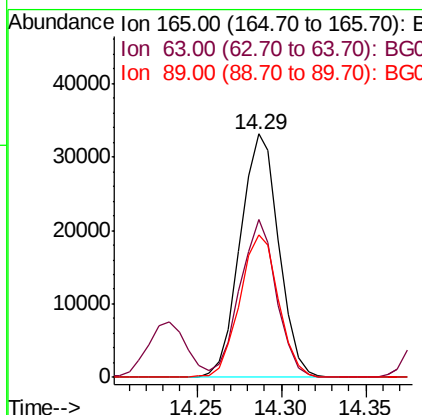
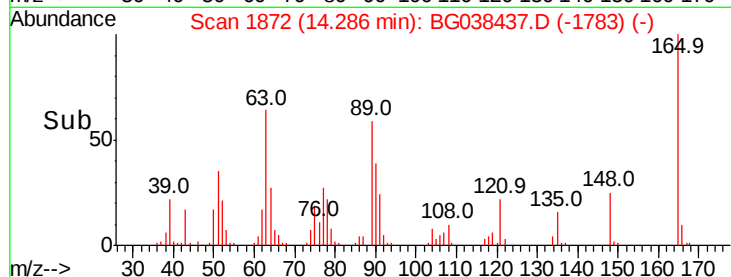
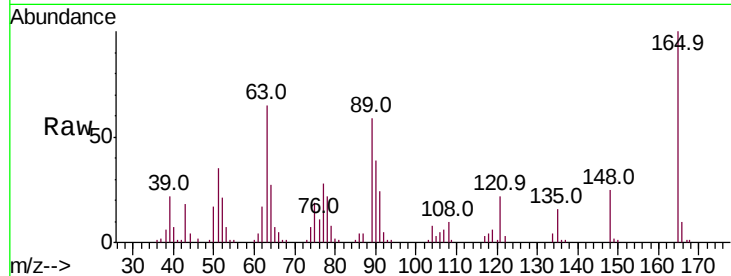
#51
 2,6-Dinitrotoluene
 Concen: 35.967 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tot Ion:	165	Resp:	52555
Ion Ratio	Lower	Upper	
165	100		
63	64.6	43.4	65.2
89	58.6	45.8	68.6

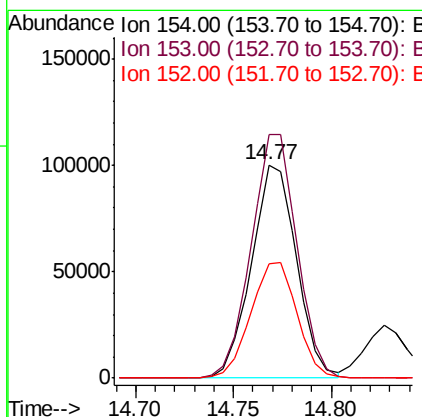
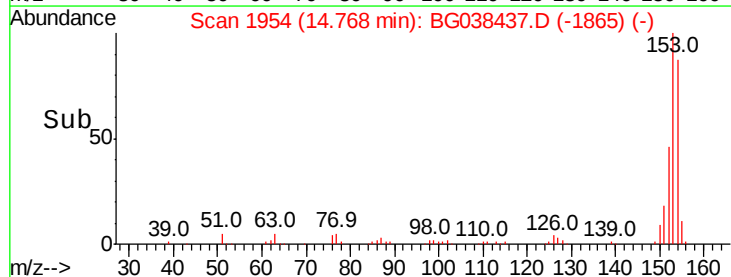
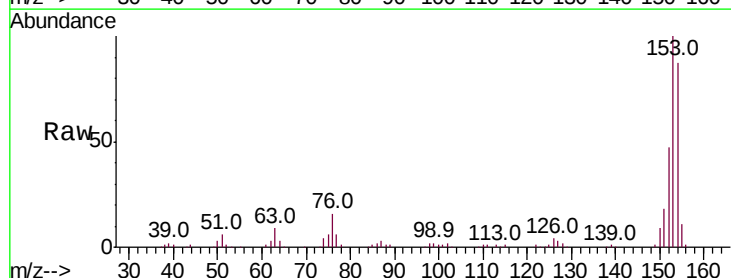
Manual Integrations
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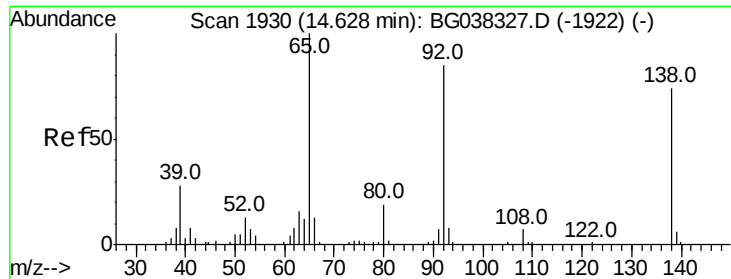
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#52
 Acenaphthene
 Concen: 34.385 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion:	154	Resp:	160597
Ion Ratio	Lower	Upper	
154	100		
153	114.3	93.4	140.0
152	53.6	44.7	67.1





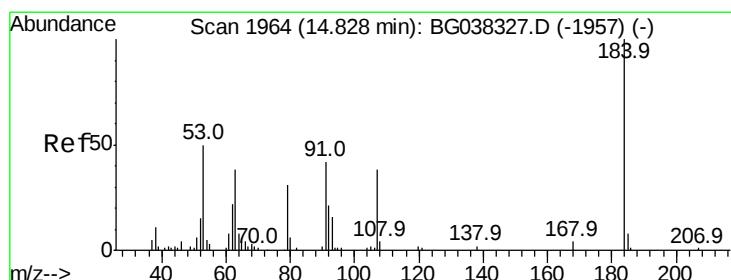
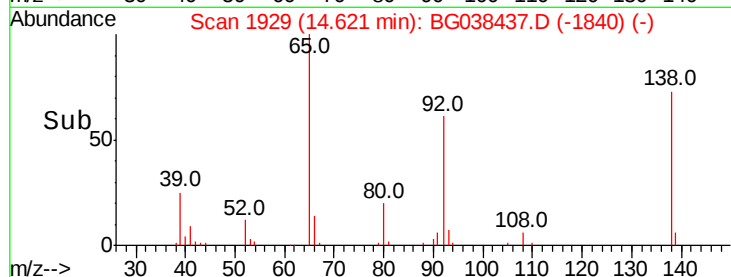
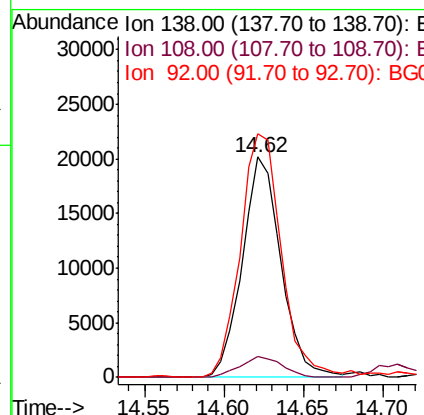
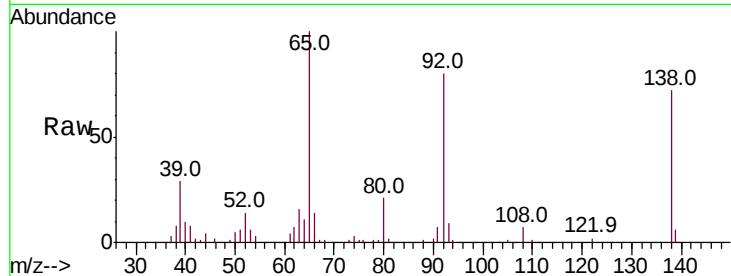
#53
3-Nitroaniline
Concen: 21.776 ng
RT: 14.62 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	11.0	16.6#
92	110.5	95.2	142.8

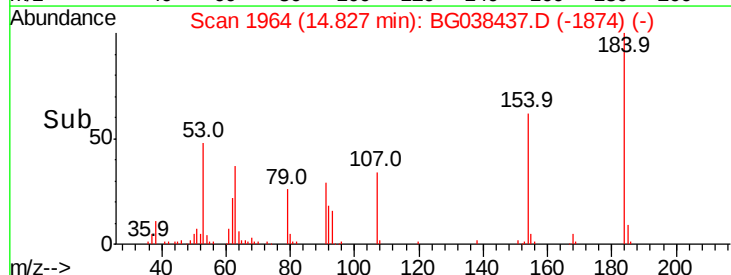
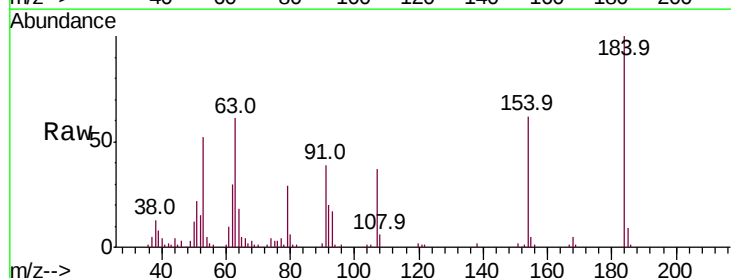
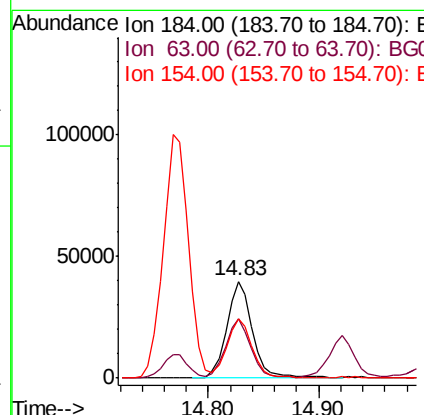
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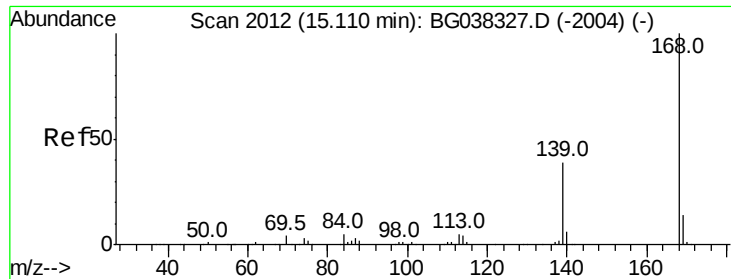
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#54
2,4-Dinitrophenol
Concen: 79.870 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	42.6	63.8
154	62.0	41.8	62.6





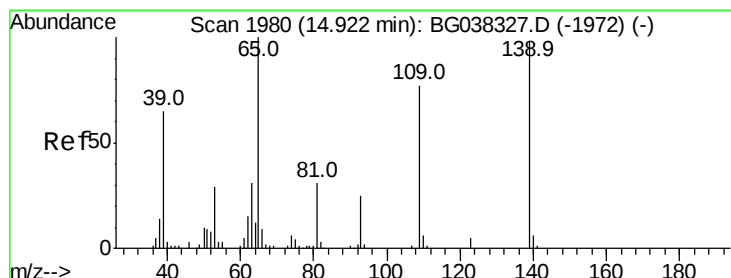
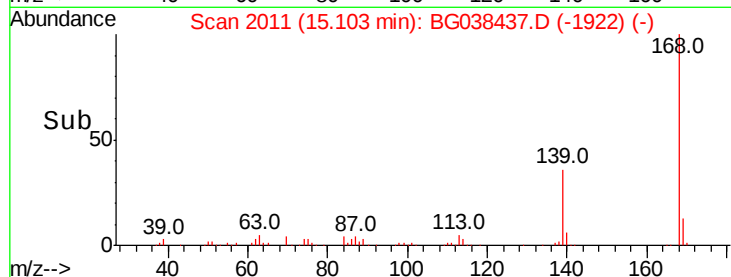
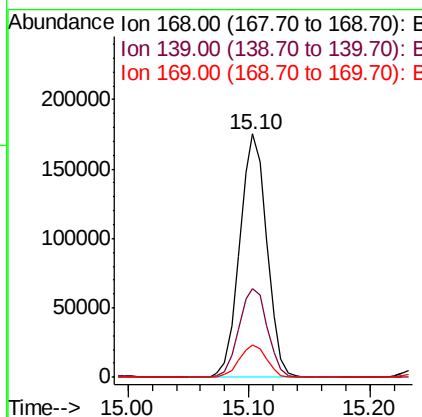
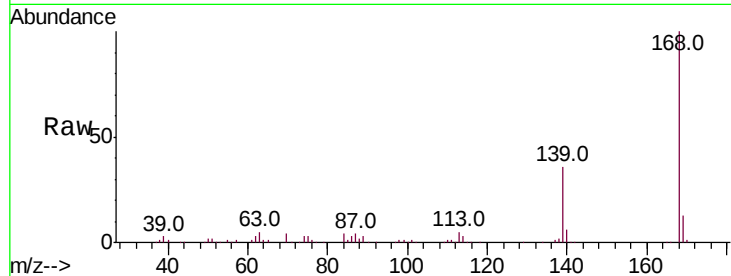
#55
Dibenzenofuran
Concen: 35.479 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	273945		
139	36.4		29.4	44.0
169	13.3		11.0	16.6

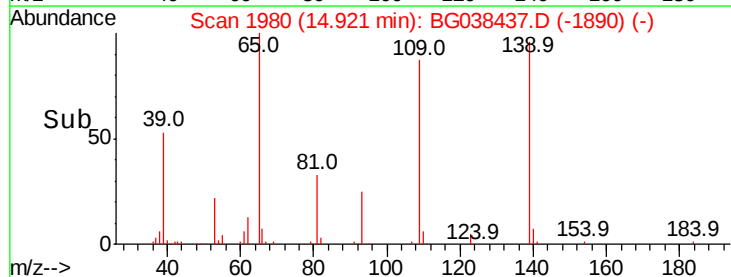
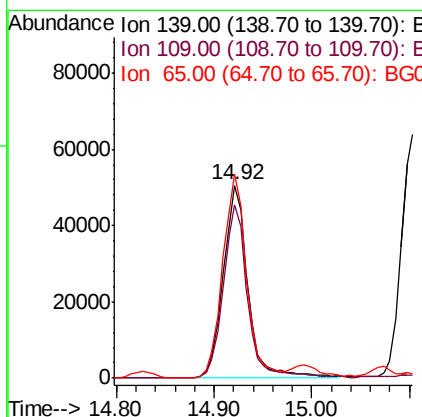
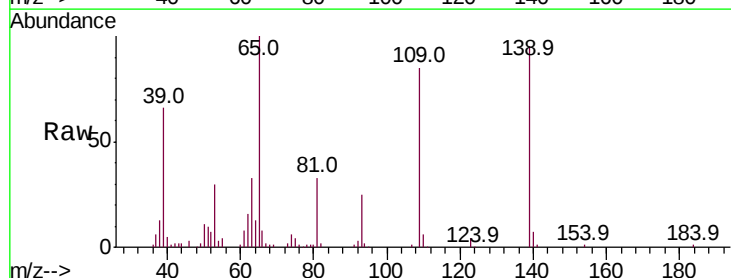
Manual Integrations
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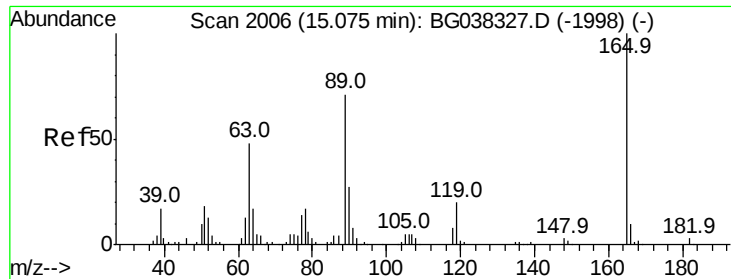
Sohil
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#56
4-Nitrophenol
Concen: 71.287 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	88619		
109	90.1		49.5	89.5#
65	105.7		76.8	116.8





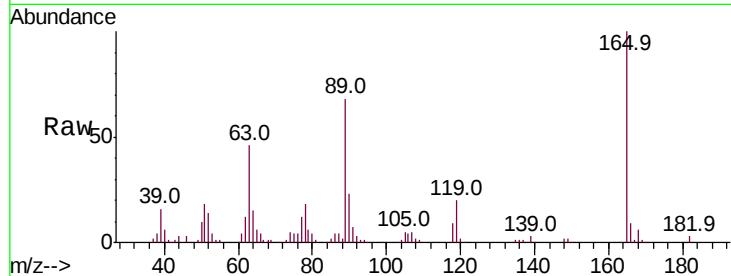
#57
2,4-Dinitrotoluene
Concen: 38.292 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	77172		
63	46.2		33.4	50.0
89	67.7		57.2	85.8
182	3.0		2.6	4.0

Manual Integrations
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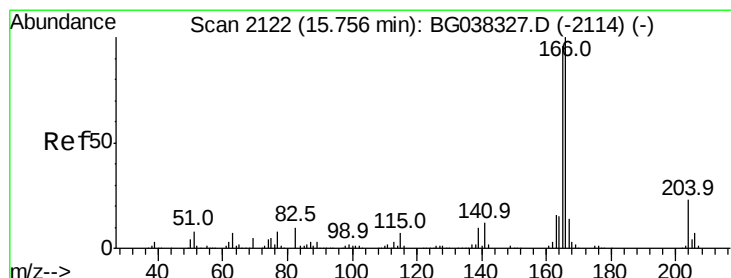
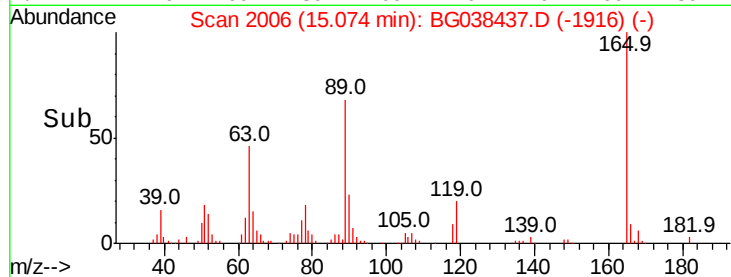
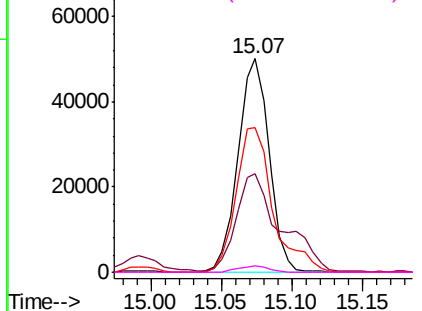
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.866 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

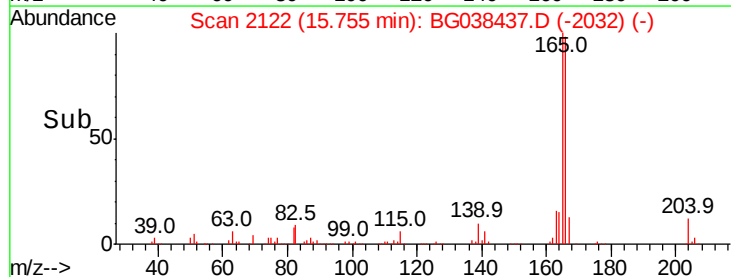
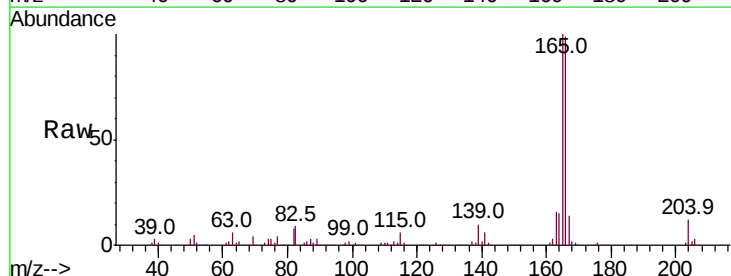
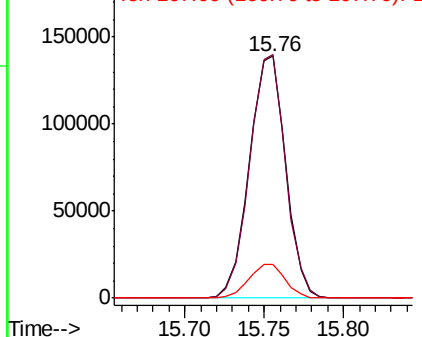
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	221093		
165	100.6		79.0	118.6
167	13.9		11.3	16.9

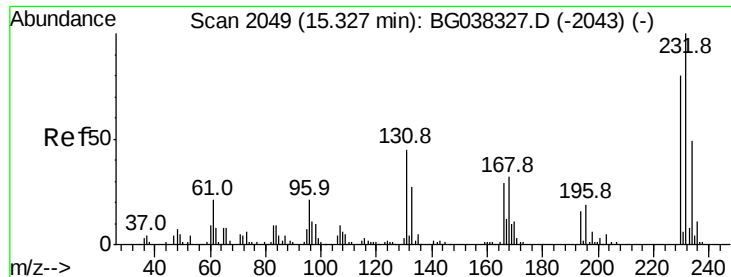
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





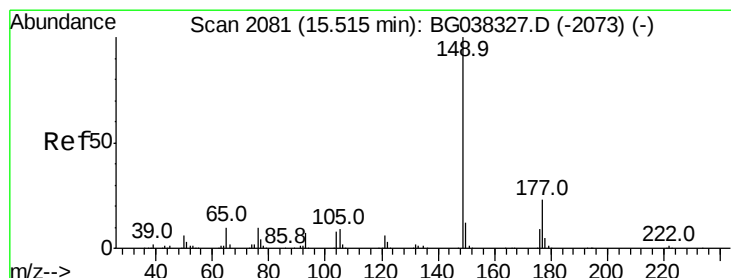
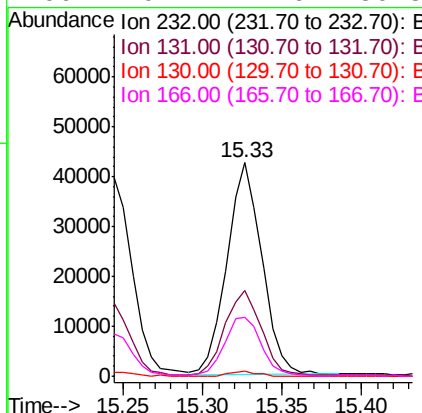
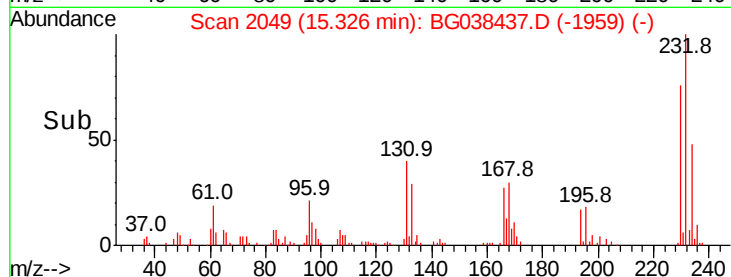
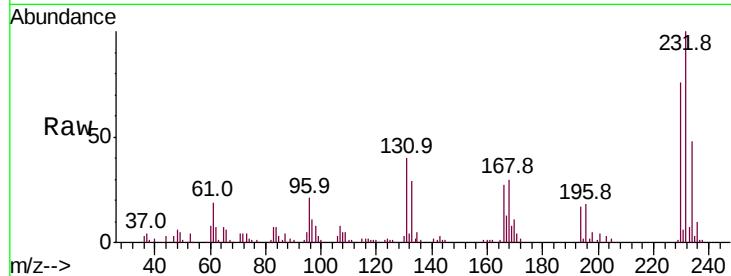
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.771 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tot Ion:	232	Resp:	65050
Ion Ratio	Lower	Upper	
232	100		
131	43.0	33.7	50.5
130	2.0	2.1	3.1#
166	29.4	24.6	36.8

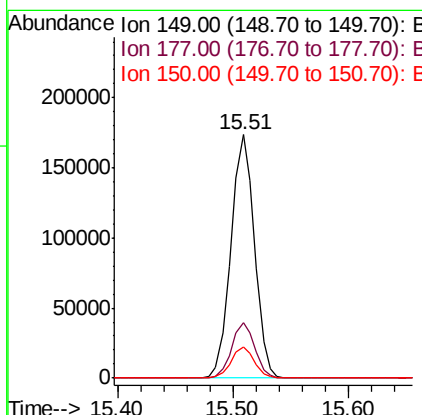
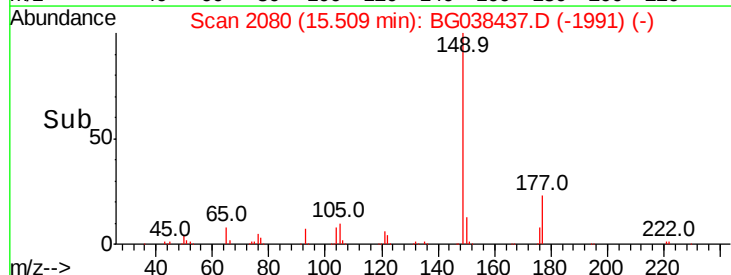
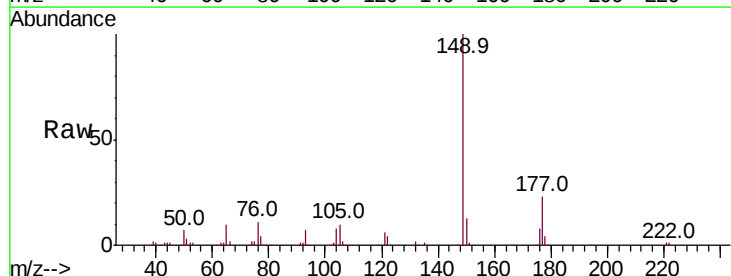
Manual Integrations
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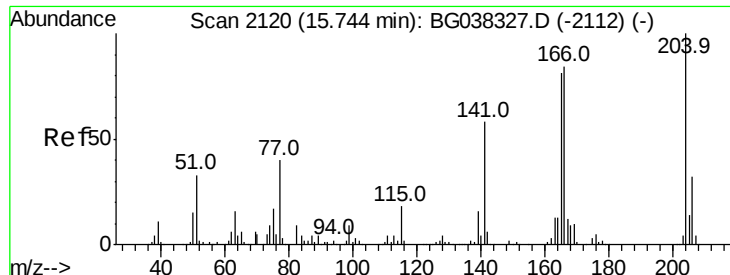
Sohil
 12/11/2018 6:07:17 PM



#60
 Diethylphthalate
 Concen: 34.460 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion:	149	Resp:	244213
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.3	27.5
150	12.7	10.0	15.0





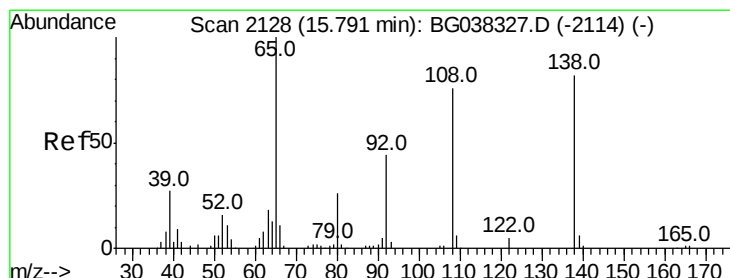
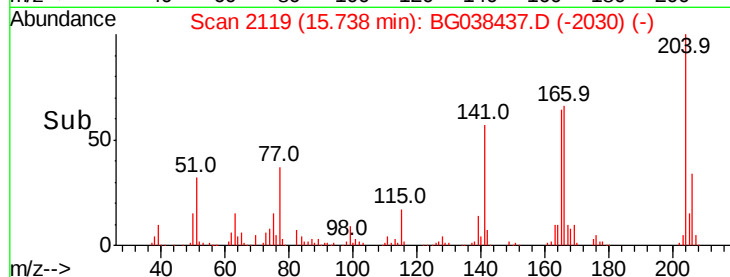
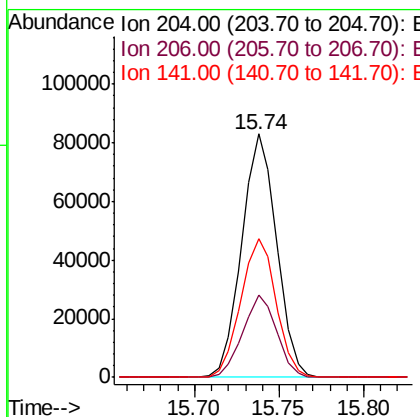
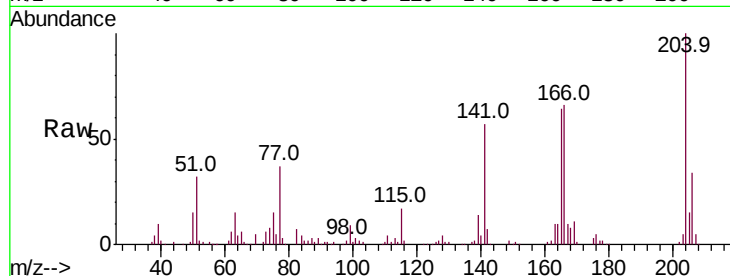
#61
4-Chlorophenyl-phenylether
Concen: 34.928 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleID :
PB115249BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.6	39.8
141	57.0	45.4	68.2

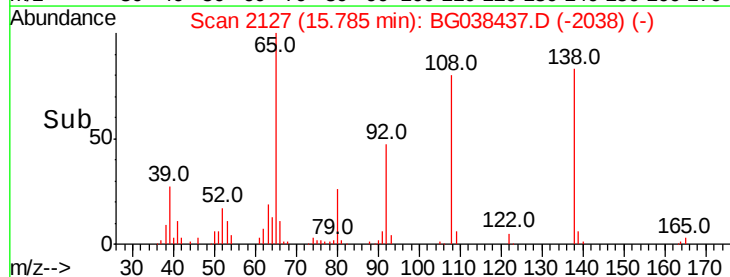
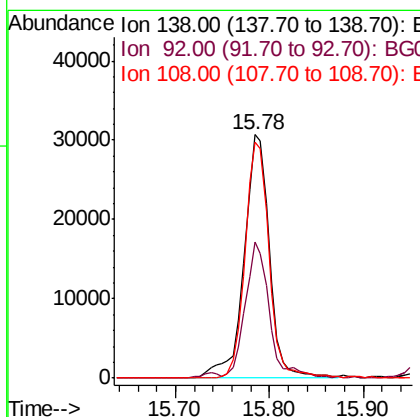
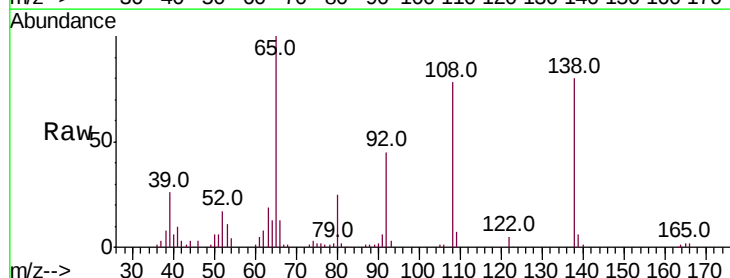
Manual Integrations
APPROVED

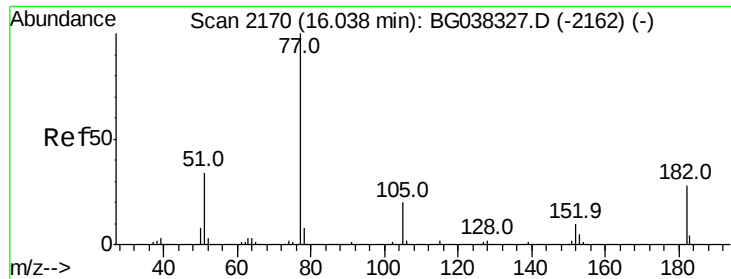
Sohil
12/11/2018 6:07:17 PM



#62
4-Nitroaniline
Concen: 37.246 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	36.4	76.4
108	97.0	60.1	100.1





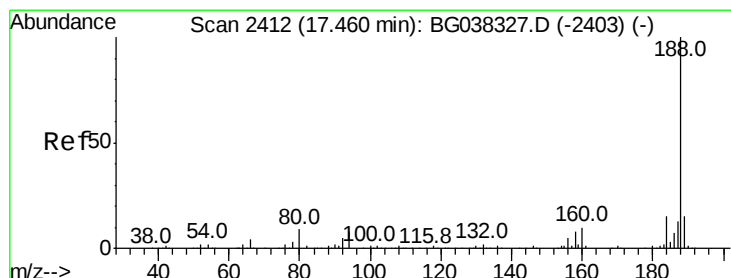
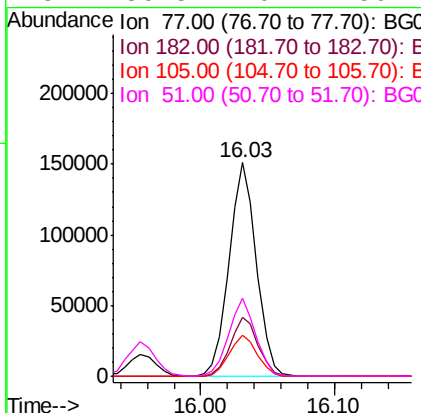
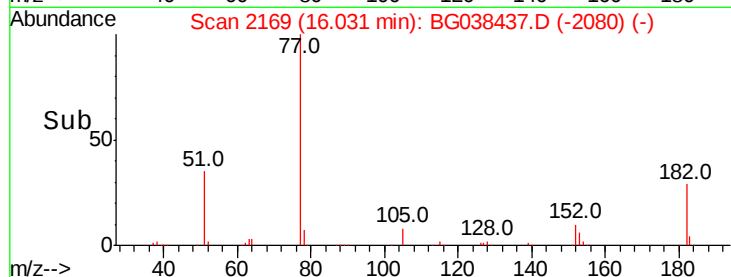
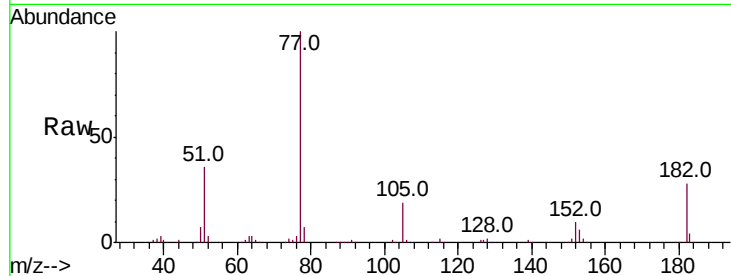
#63
Azobenzene
Concen: 34.644 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.0	48.0
105	18.9	1.3	41.3
51	36.5	10.7	50.7

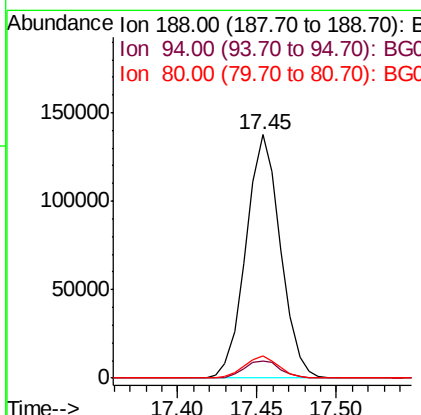
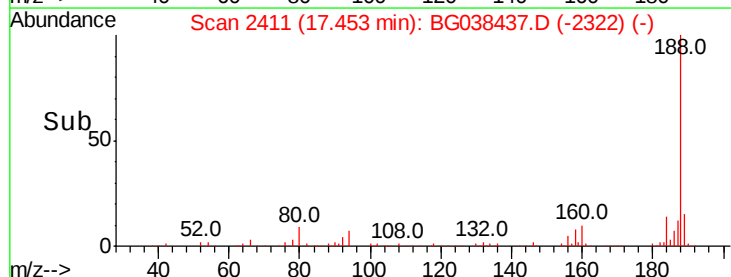
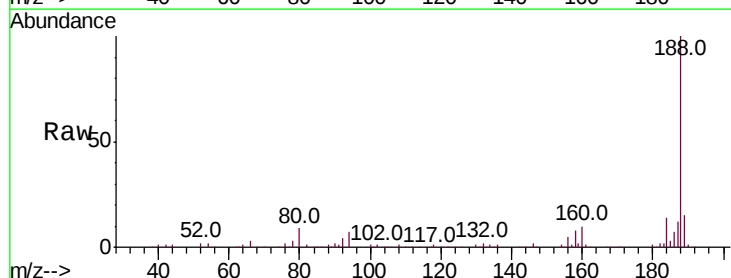
Manual Integrations
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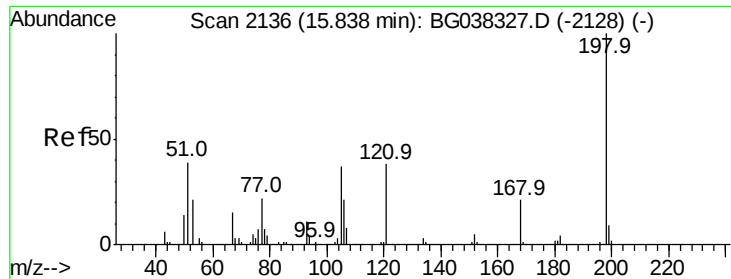
Sohil
12/11/2018 6:07:17 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.2	10.8#
80	9.1	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 34.903 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

ClientSampleId :

PB115249BS

Tot Ion:198 Resp: 47498

Ion Ratio Lower Upper

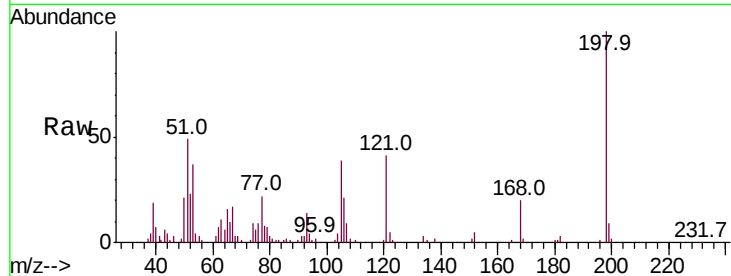
198 100

51 49.5 22.7 62.7

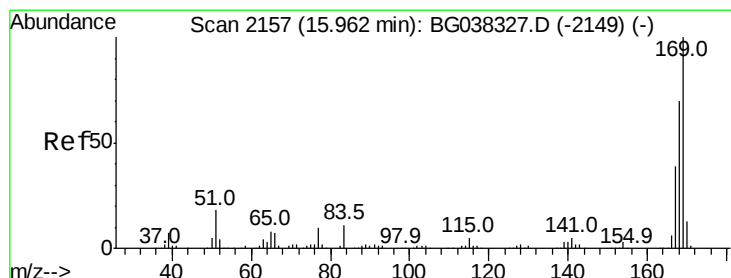
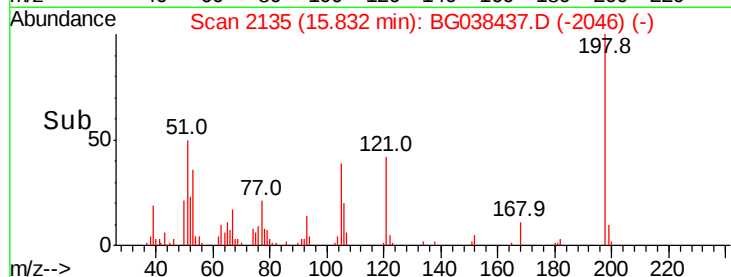
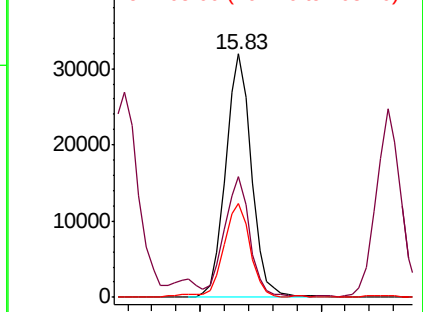
105 38.7 19.7 59.7

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



#66

n-Nitrosodiphenylamine

Concen: 35.429 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

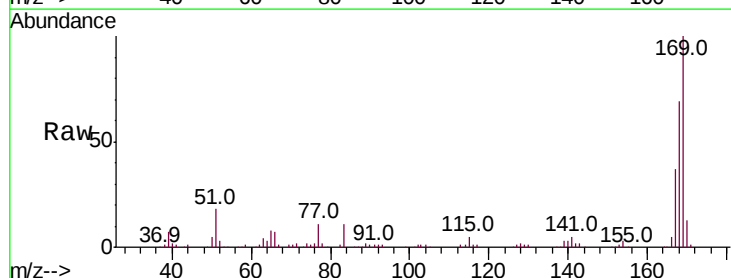
Tgt Ion:169 Resp: 206923

Ion Ratio Lower Upper

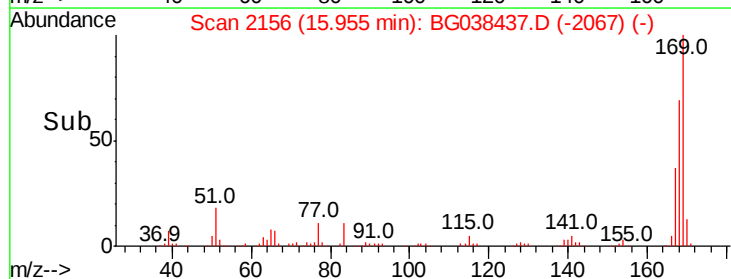
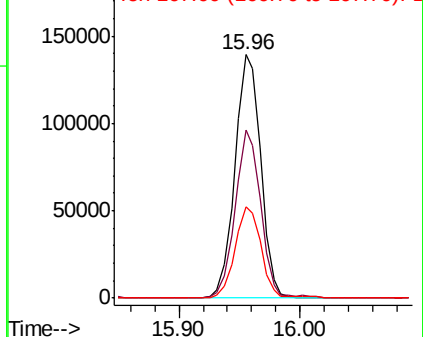
169 100

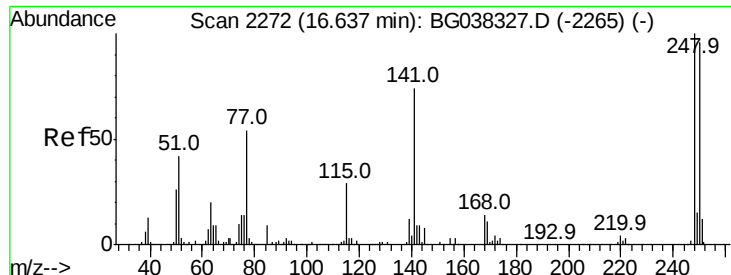
168 69.0 55.7 83.5

167 37.3 31.3 46.9



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





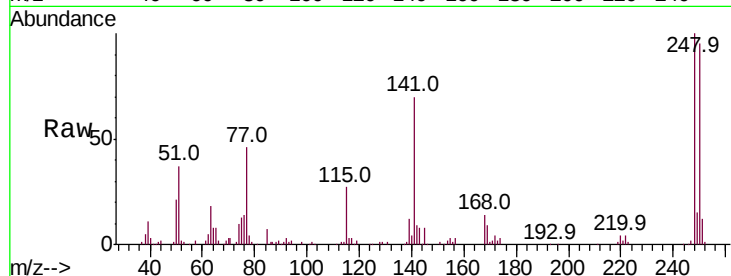
#67
4-Bromophenyl-phenylether
Concen: 36.645 ng
RT: 16.64 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.6
141	69.7	55.5	83.3

Manual Integrations
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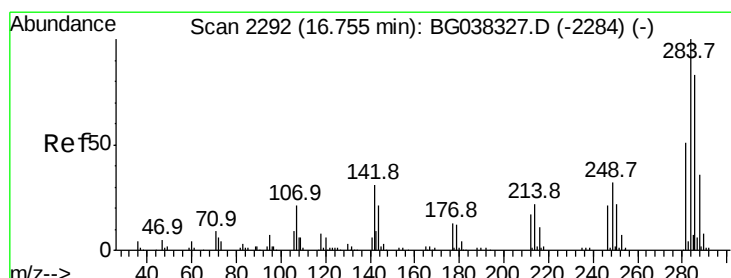
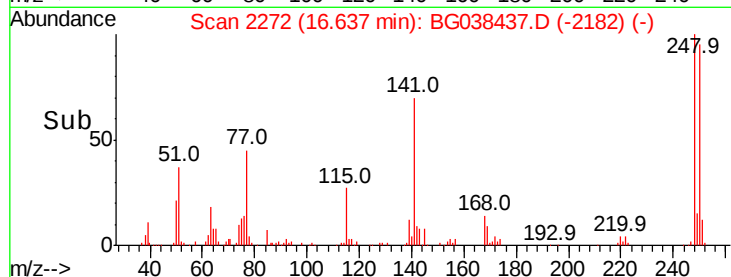
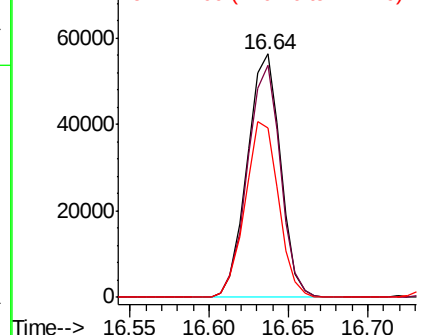


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.611 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

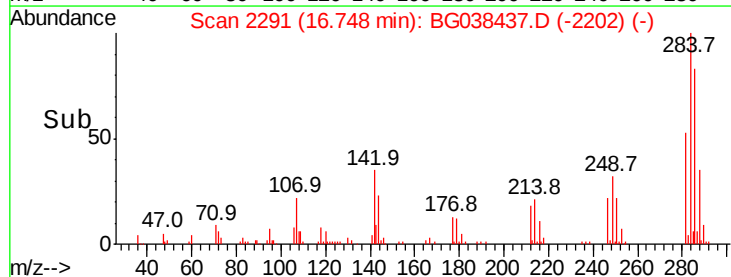
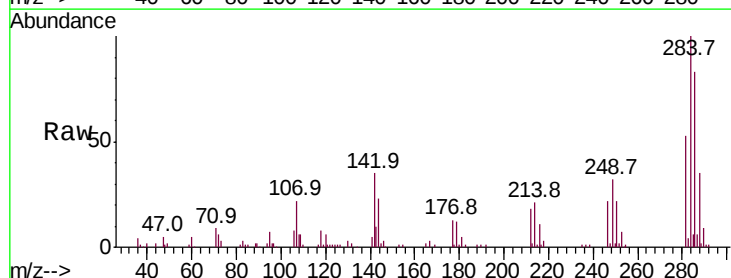
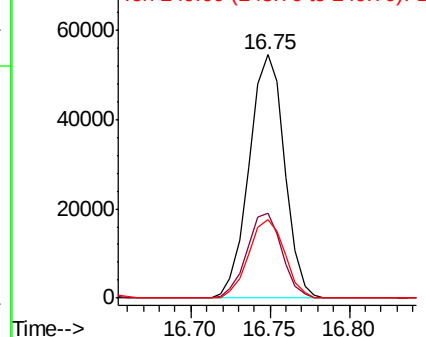
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	28.1	42.1
249	33.8	29.8	44.8

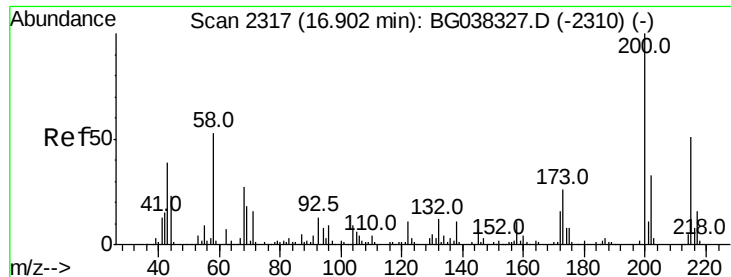
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





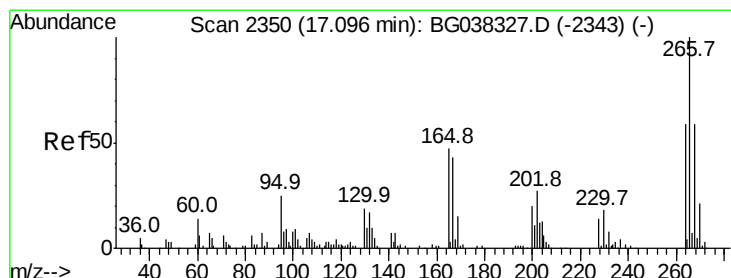
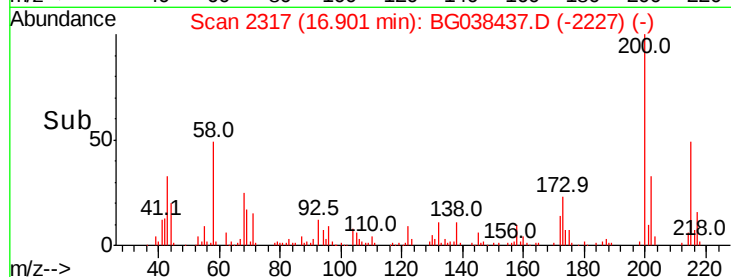
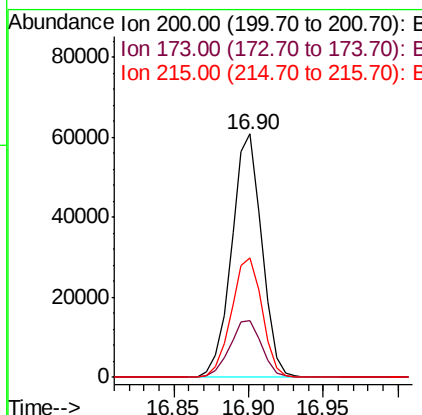
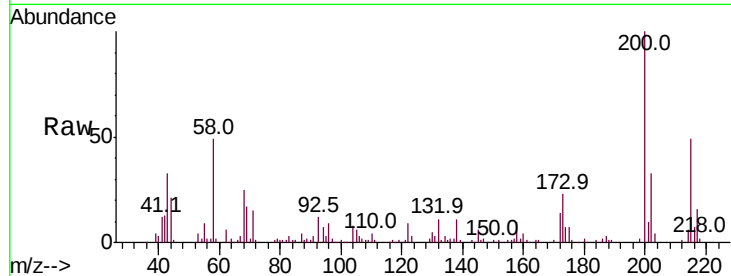
#69
 Atrazine
 Concen: 39.299 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	6.1	46.1
215	49.1	30.8	70.8

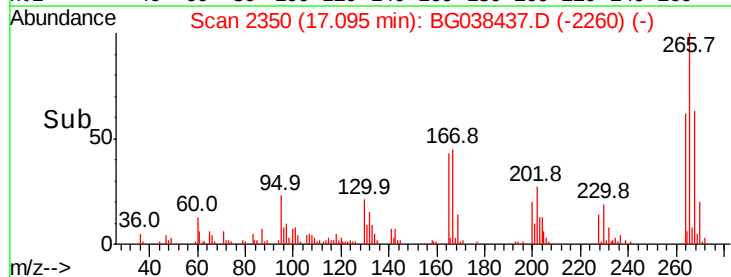
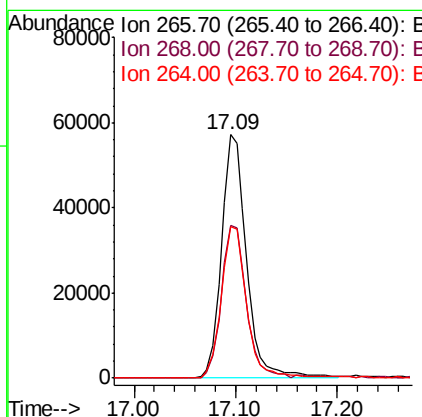
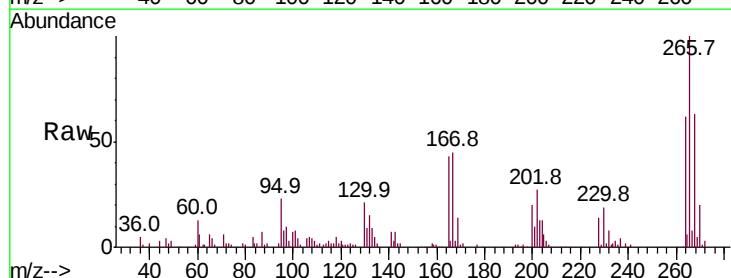
Manual Integrations
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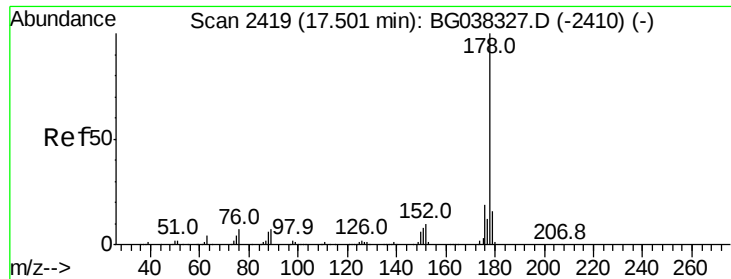
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 12/11/2018 6:07:17 PM



#70
 Pentachlorophenol
 Concen: 61.870 ng
 RT: 17.09 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	55.0	82.6
264	68.0	58.9	88.3





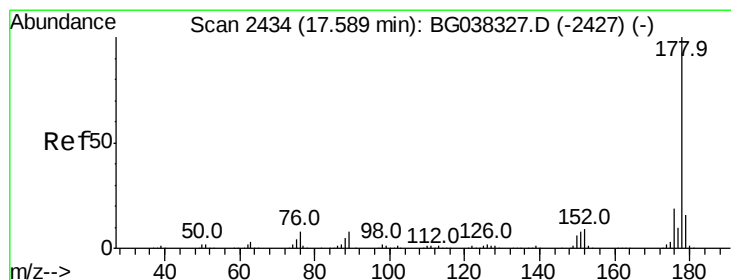
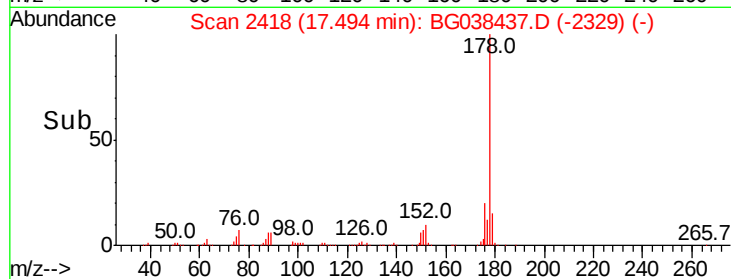
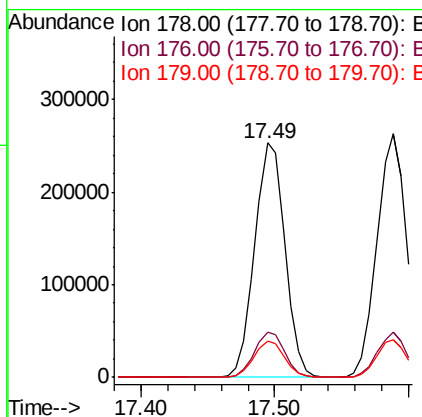
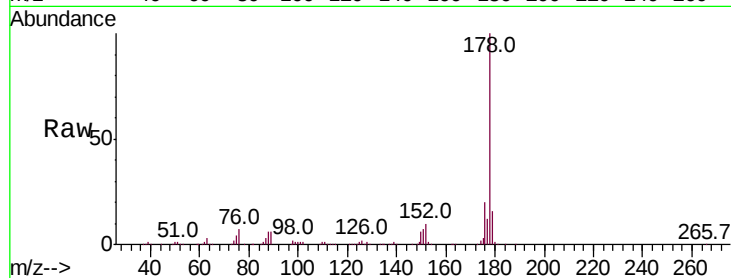
#71
Phenanthrene
Concen: 37.996 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	15.5	13.0	19.4

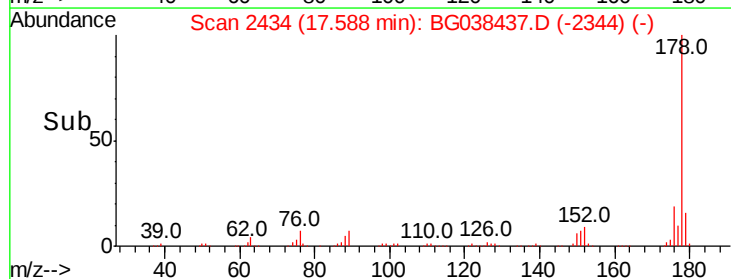
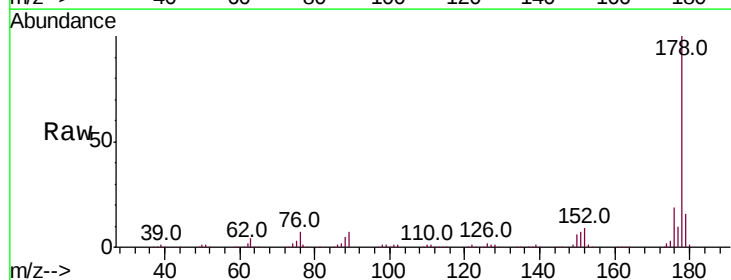
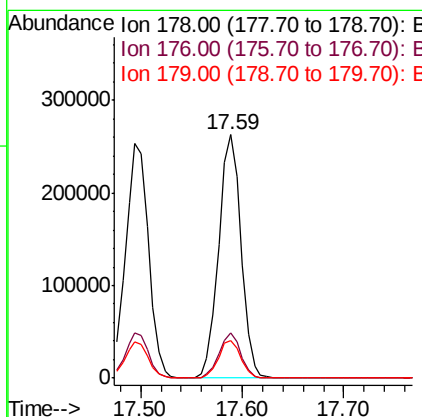
Manual Integrations
APPROVED

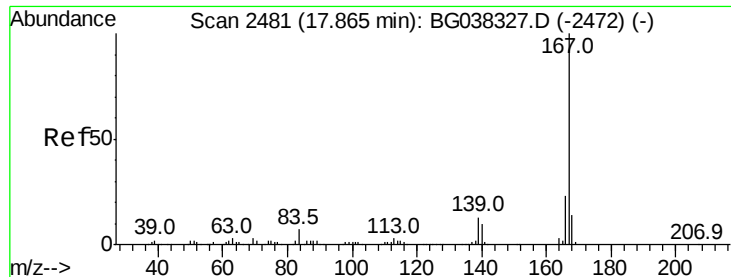
Sohil
12/11/2018 6:07:17 PM



#72
Anthracene
Concen: 40.019 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.6	12.8	19.2





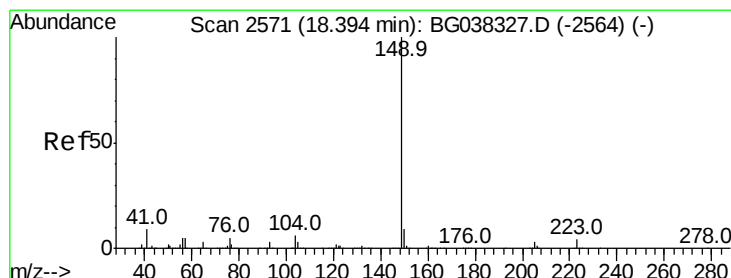
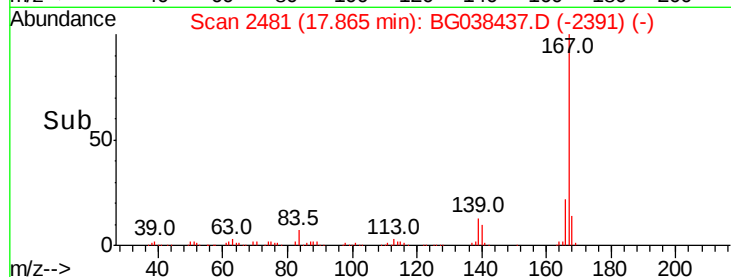
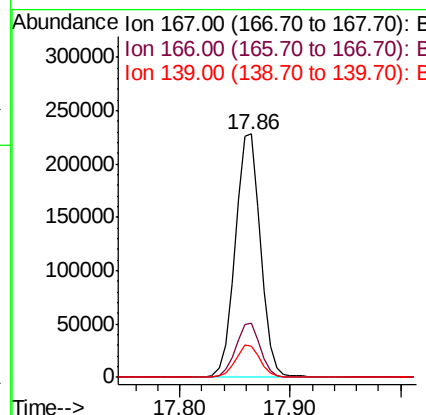
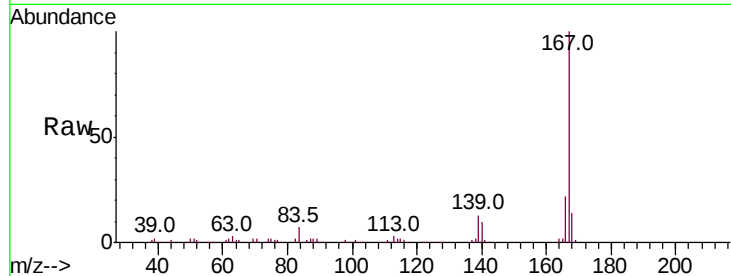
#73
 Carbazole
 Concen: 36.735 ng
 RT: 17.86 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.3	27.5
139	12.6	10.5	15.7

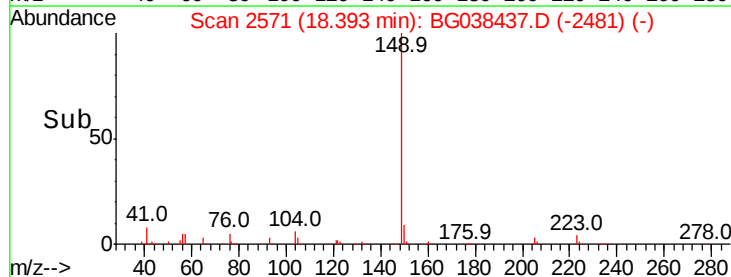
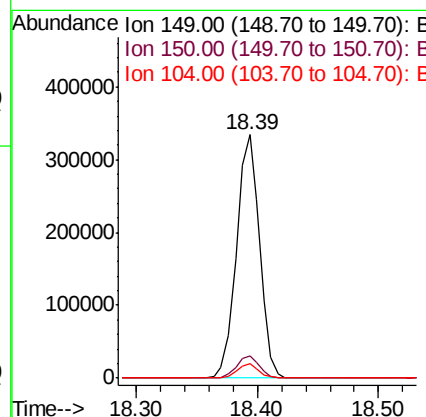
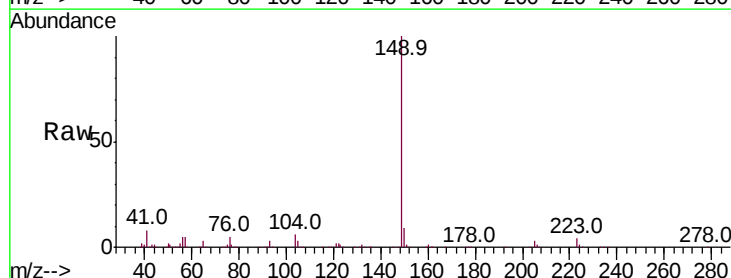
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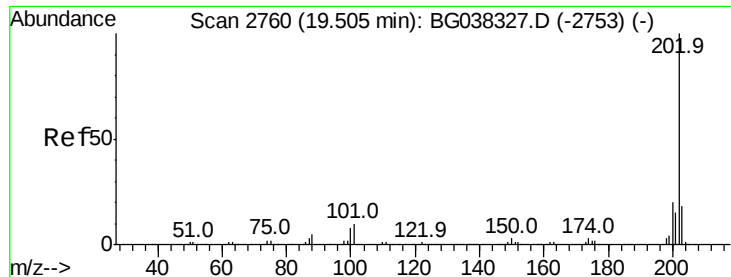
Sohil
 12/11/2018 6:07:17 PM



#74
 Di-n-butylphthalate
 Concen: 37.928 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.2
104	5.7	4.0	6.0





#75

Fluoranthene

Concen: 40.435 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

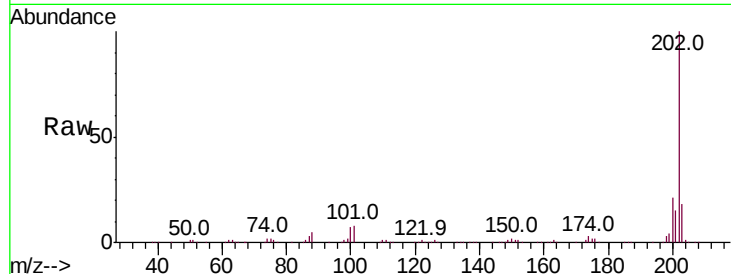
ClientSampleId :

PB115249BS

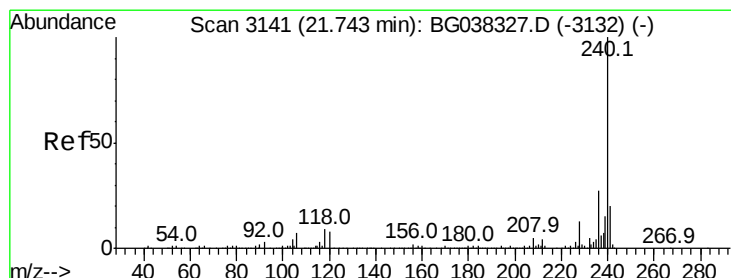
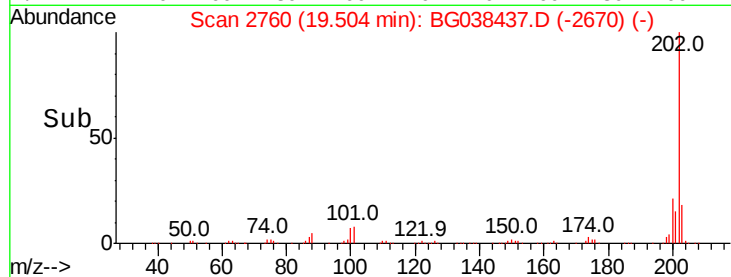
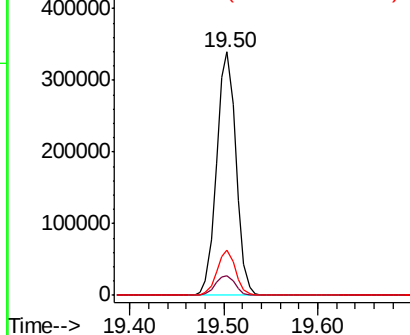
Tot Ion	Ratio	Resp	Lower	Upper
202	100	491386		
101	7.9	0.0	30.7	
203	18.5	0.0	38.5	

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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

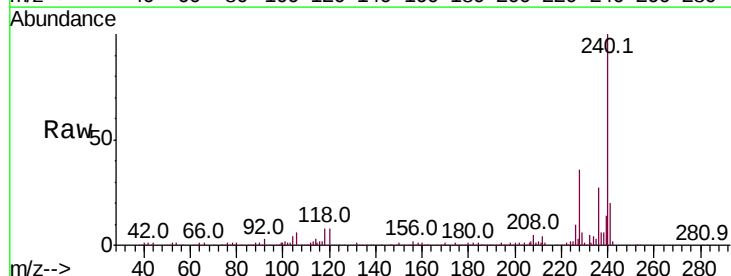
RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

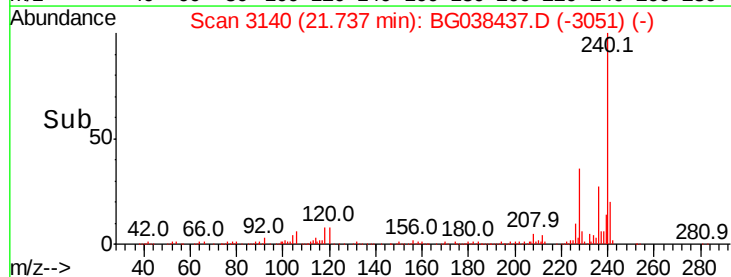
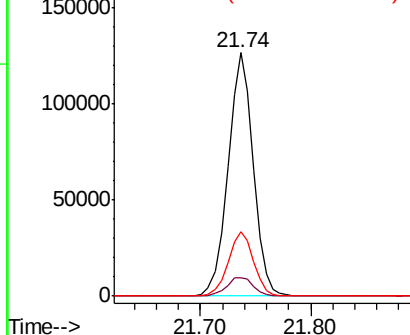
Lab File: BG038437.D

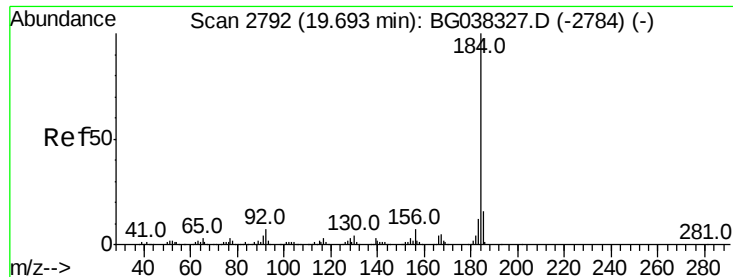
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	200703		
120	7.6	8.1	12.1#	
236	26.7	21.4	32.0	



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: 19.740 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

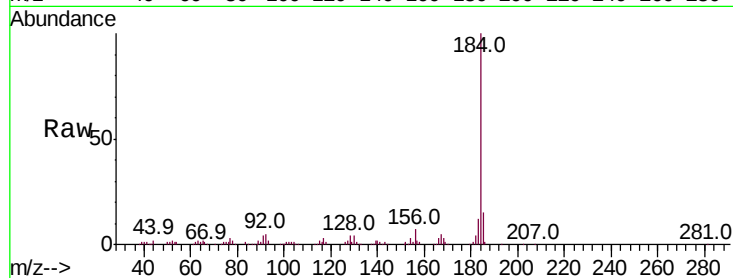
ClientSampleId :

PB115249BS

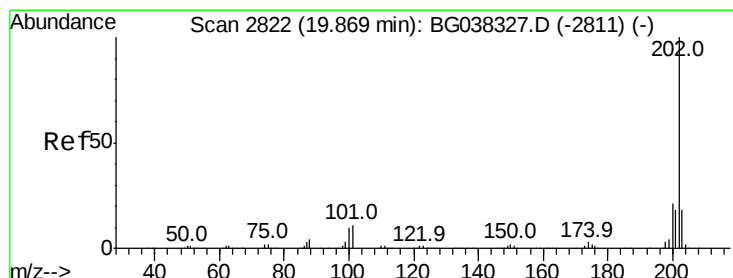
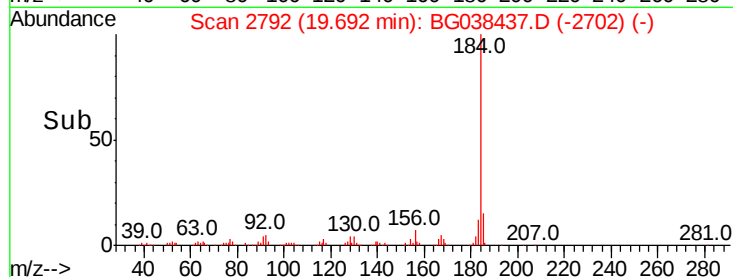
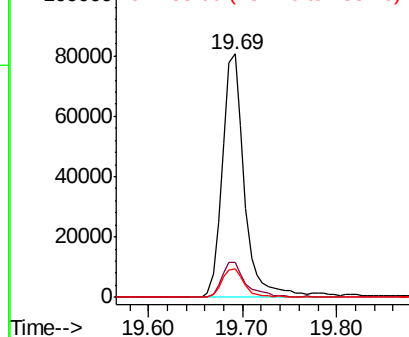
Tot Ion:	184	Resp:	133691
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	11.8	10.2	15.2

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



#78

Pyrene

Concen: 34.657 ng

RT: 19.87 min Scan# 2822

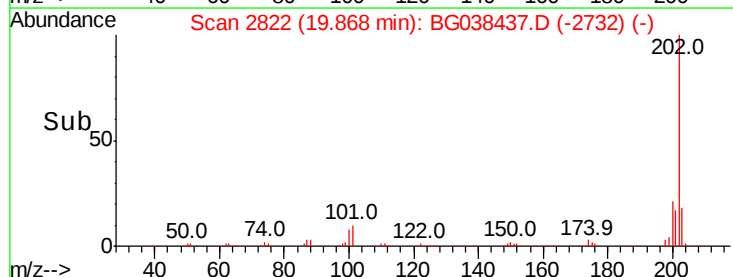
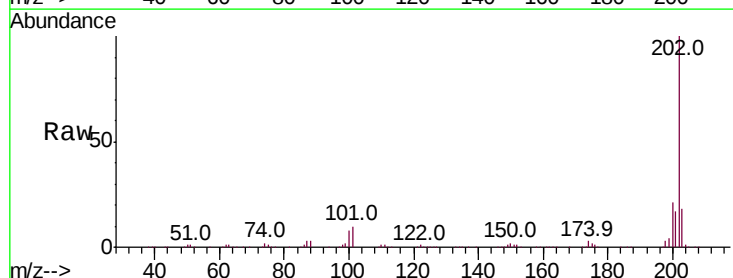
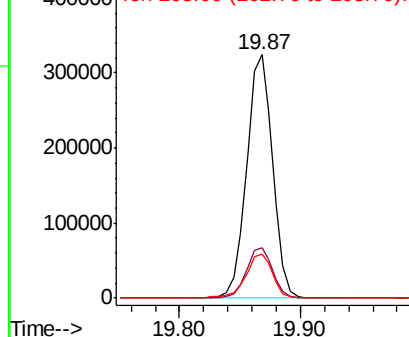
Delta R.T. -0.00 min

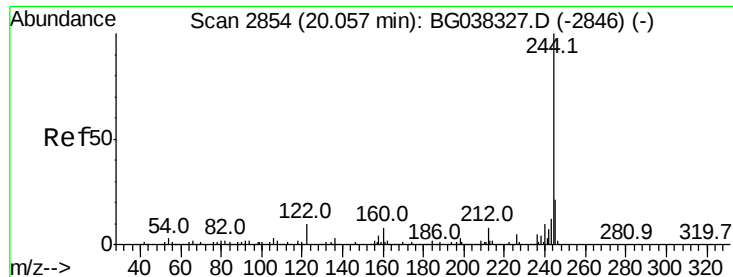
Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:	202	Resp:	486677
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.8	26.6
203	18.1	15.2	22.8

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





#79

Terphenyl-d14

Concen: 73.351 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

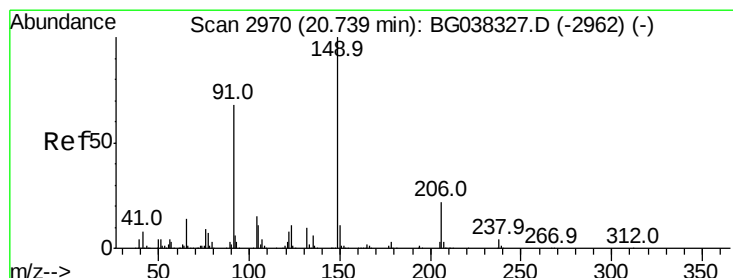
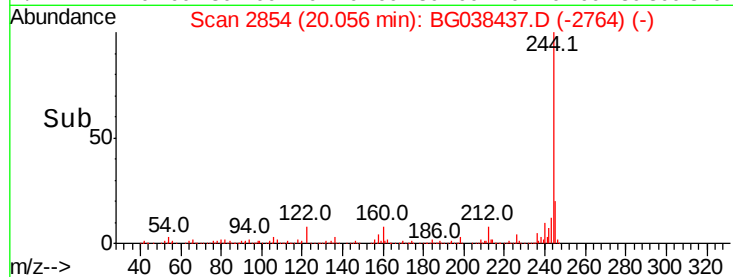
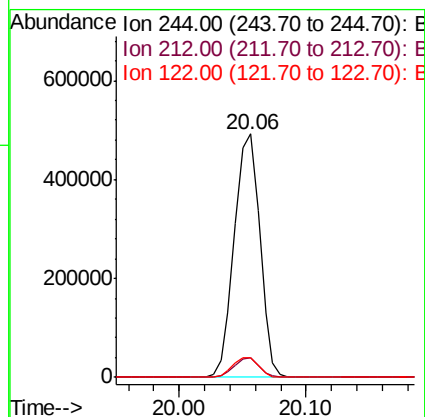
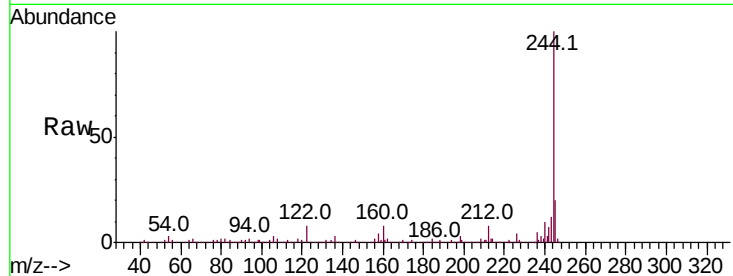
ClientSampleId :

PB115249BS

Tot Ion:	244	Resp:	687206
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.5	9.7
122	7.9	9.0	13.4#

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#80

Butylbenzylphthalate

Concen: 33.924 ng

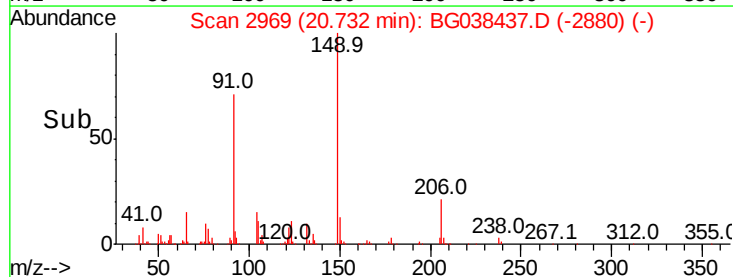
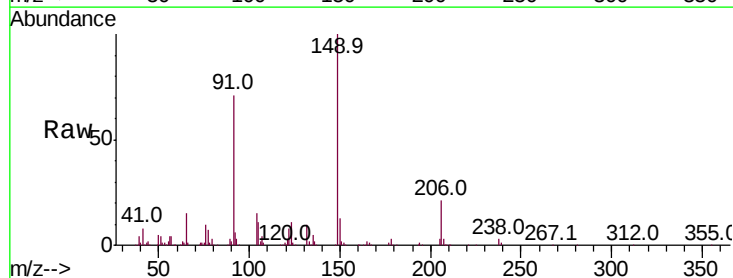
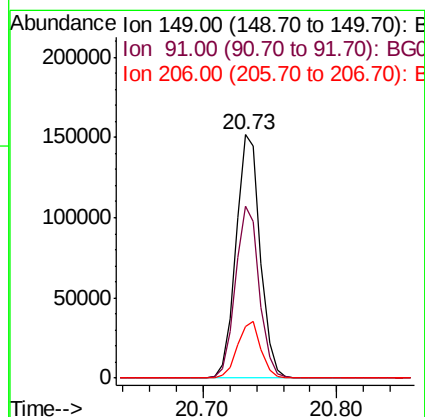
RT: 20.73 min Scan# 2969

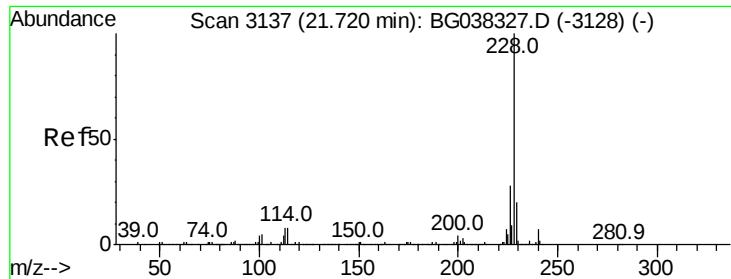
Delta R.T. -0.01 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:	149	Resp:	191606
Ion Ratio	Lower	Upper	
149	100		
91	70.9	57.0	85.4
206	21.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 36.825 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

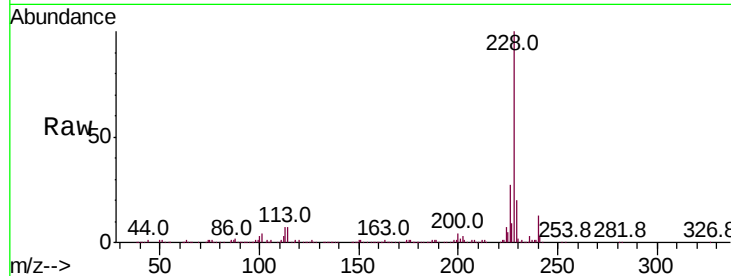
ClientSampleId :

PB115249BS

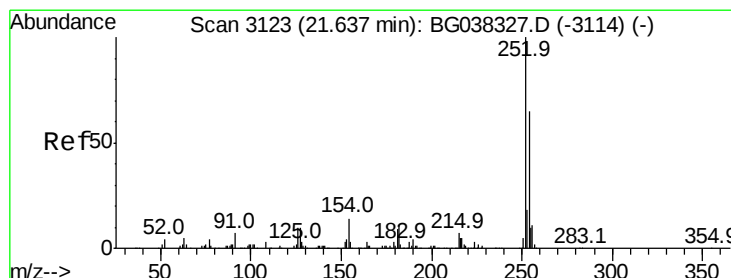
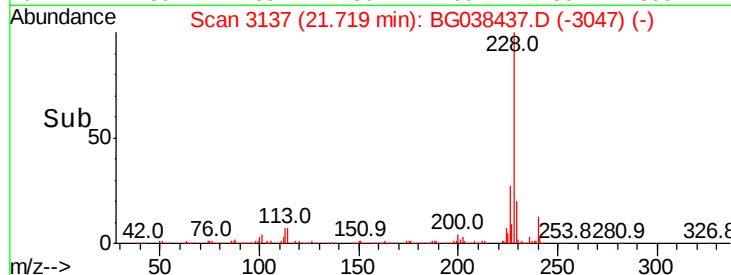
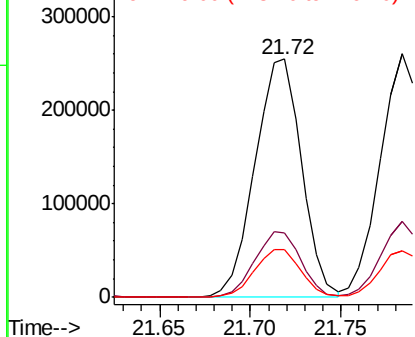
Tot Ion:	228	Resp:	454247
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.6	33.8
229	20.2	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.399 ng

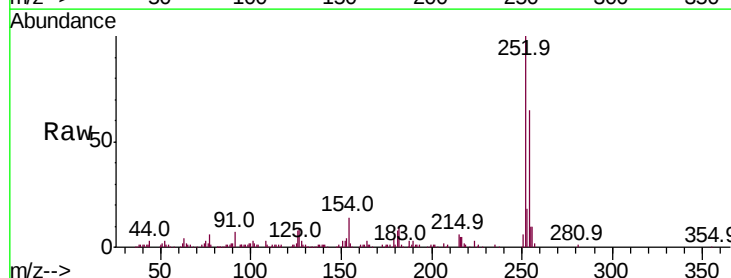
RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

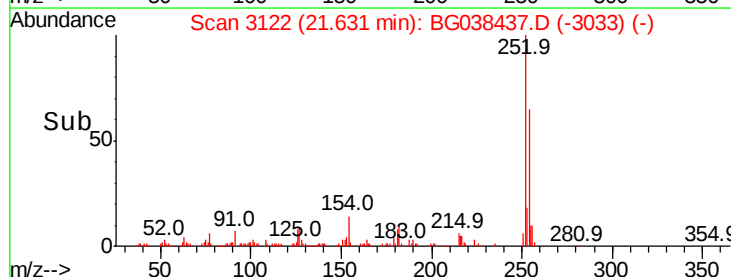
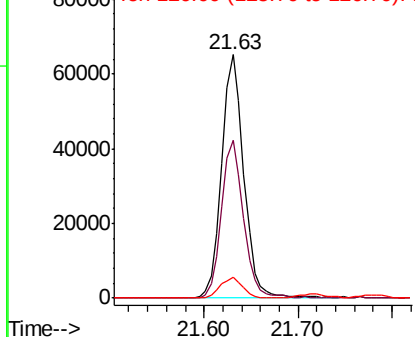
Lab File: BG038437.D

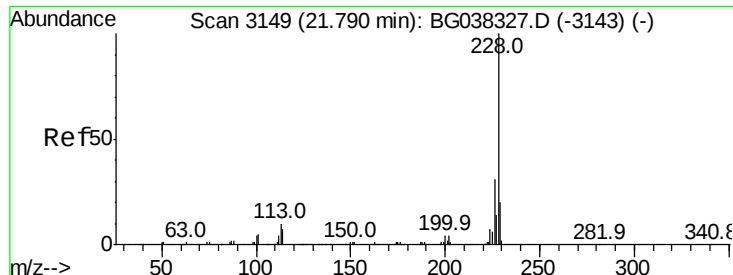
Acq: 10 Dec 2018 11:21

Tgt Ion:	252	Resp:	107483
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.0	78.0
126	8.3	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





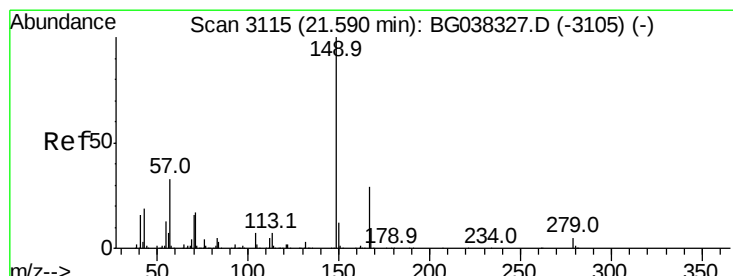
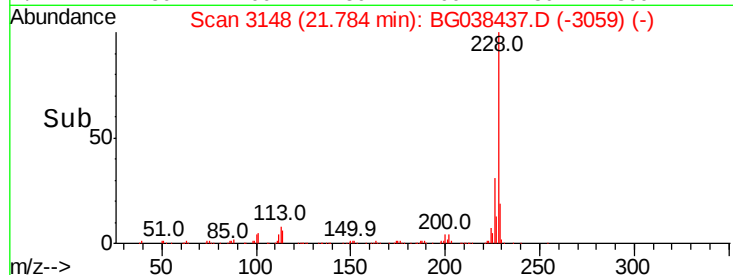
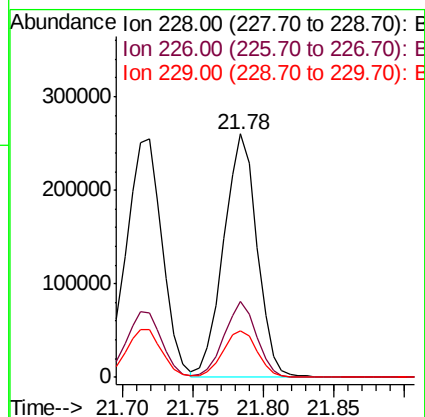
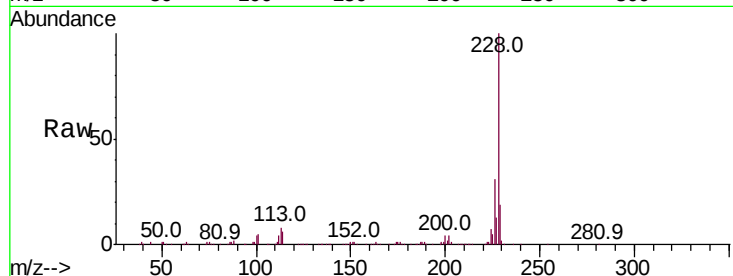
#83
 Chrvsene
 Concen: 36.496 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Instrument :
 BNA_G
 ClientSampleId :
 PB115249BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	19.2	16.5	24.7

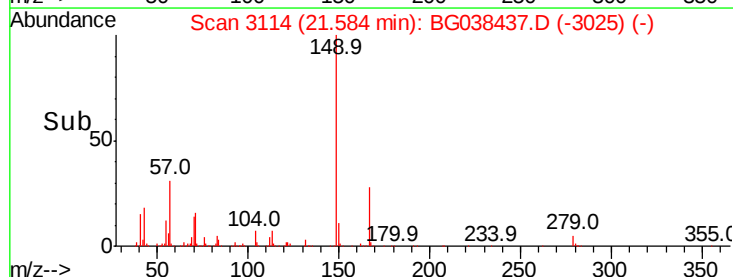
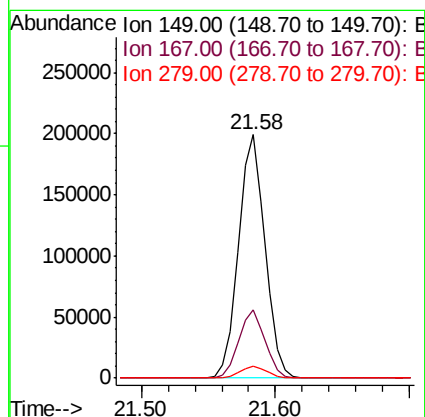
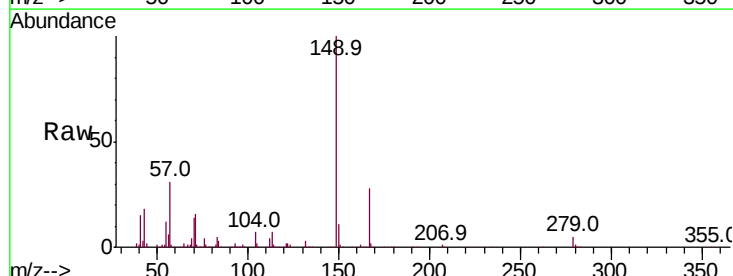
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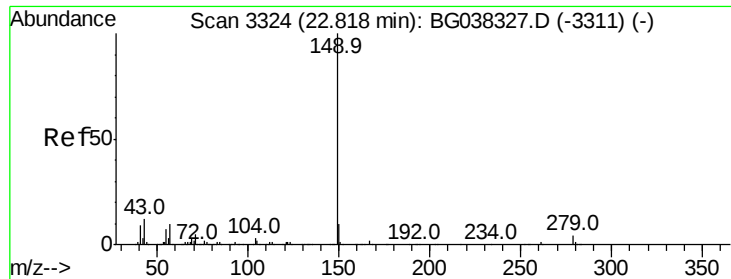
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.141 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038437.D
 Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.7	3.6	5.4





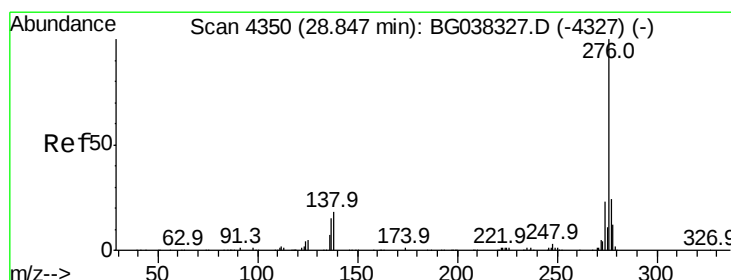
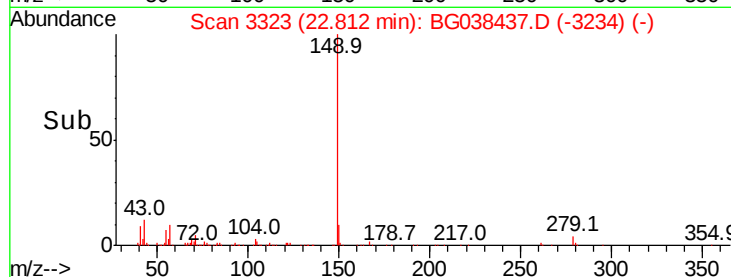
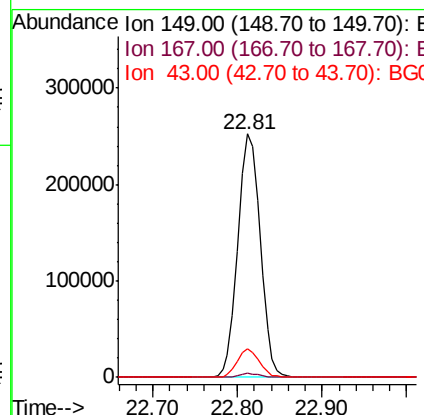
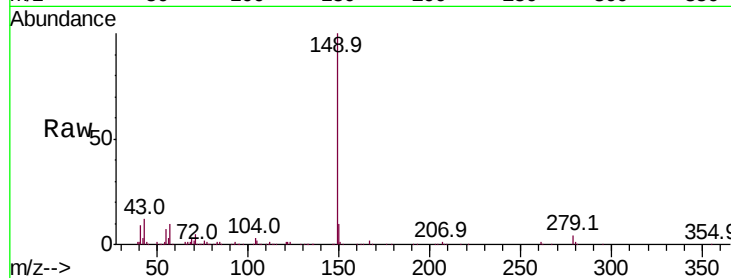
#85
Di-n-octyl phthalate
Concen: 33.550 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.3	1.9	
43	11.8	8.7	13.1	

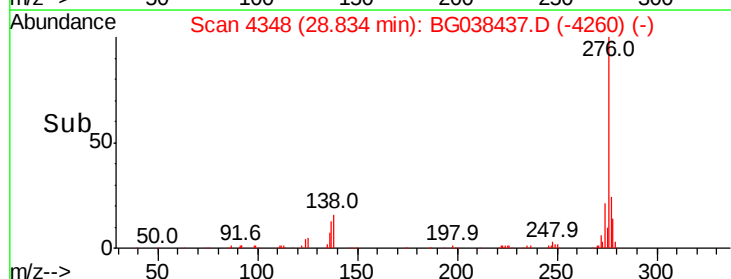
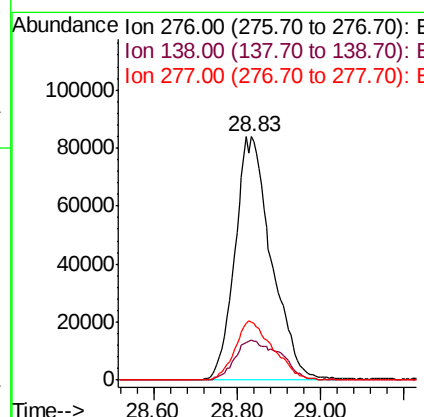
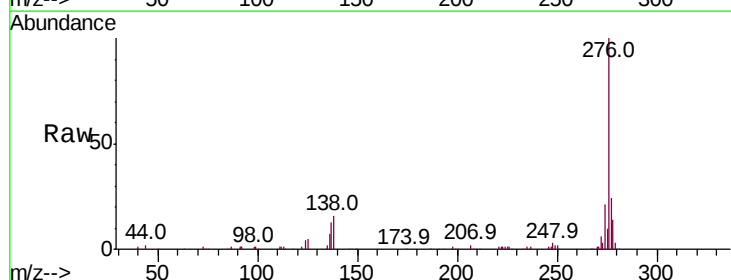
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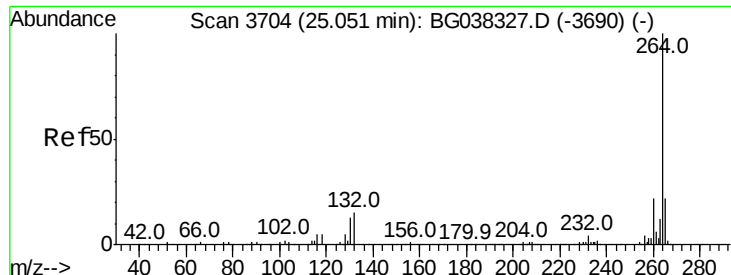
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.453 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.3	12.0	18.0#	
277	25.3	20.6	30.8	





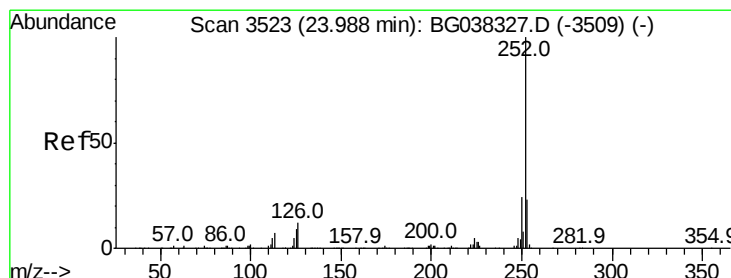
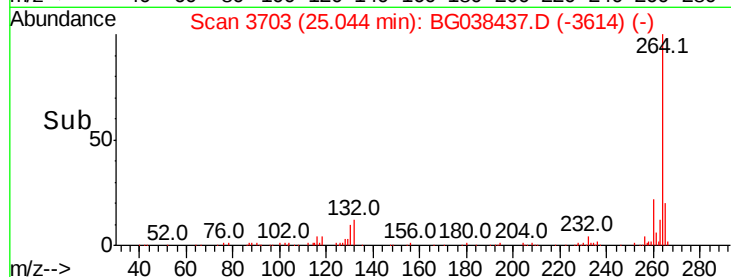
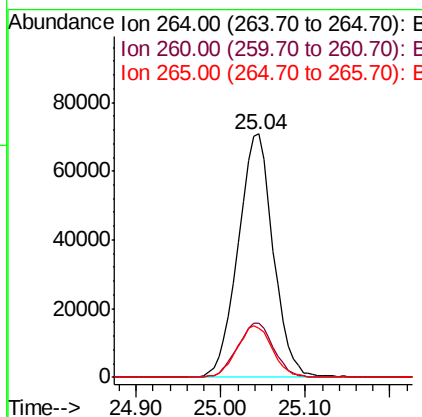
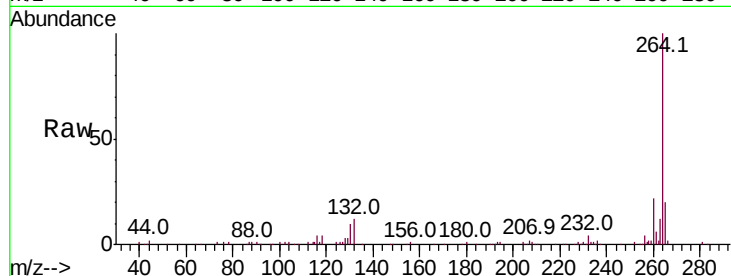
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	20.4	17.9	26.9

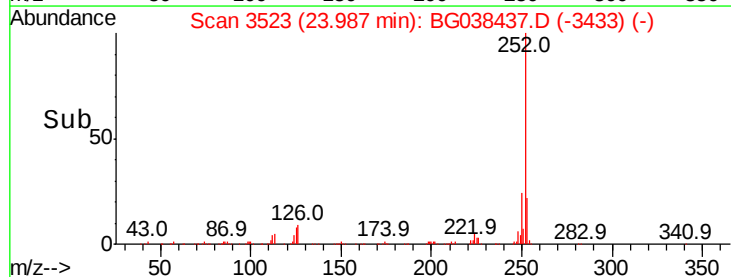
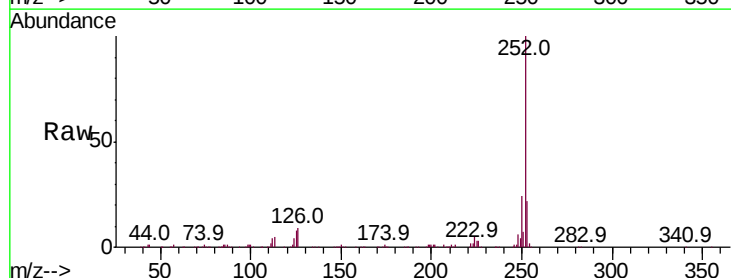
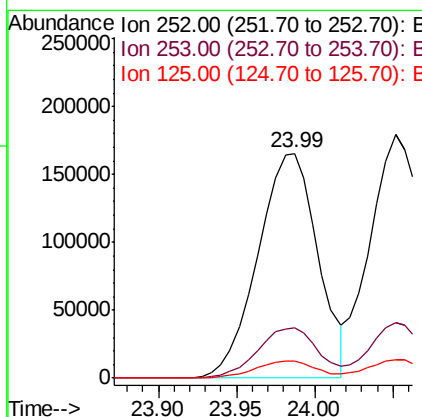
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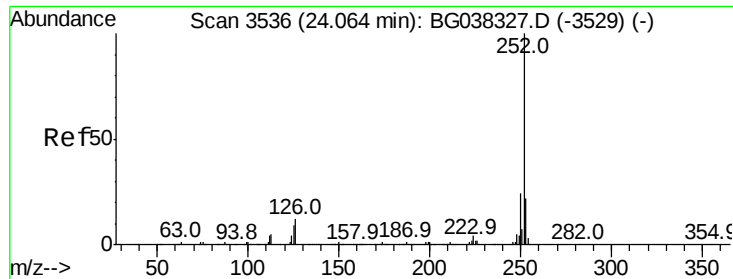
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#88
Benzo(b)fluoranthene
Concen: 38.206 ng m
RT: 23.99 min Scan# 3523
Delta R.T. -0.00 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.6	7.8	11.6#





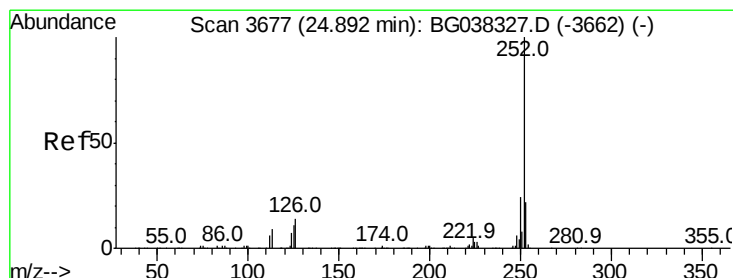
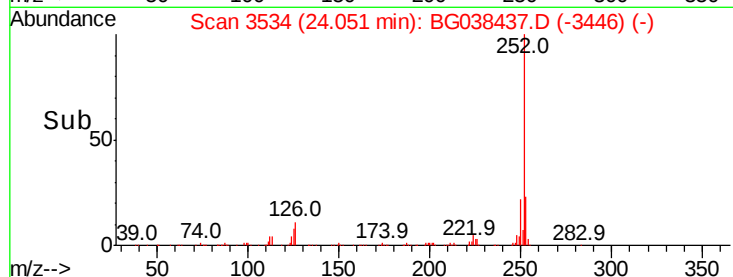
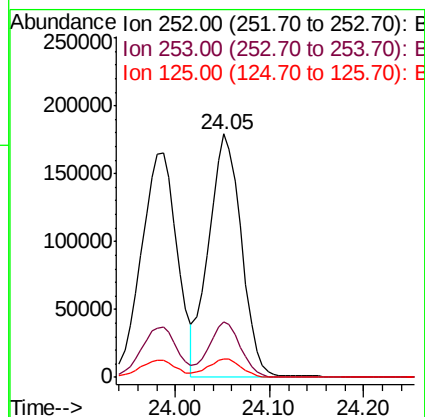
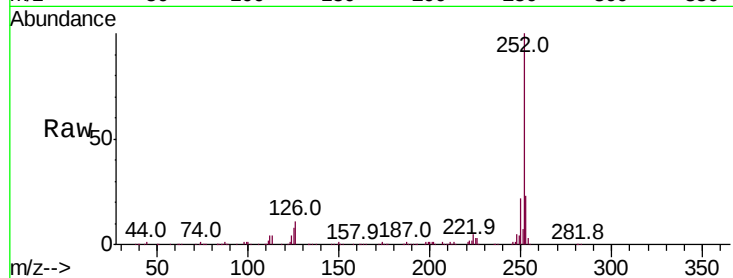
#89
Benzo(k)fluoranthene
Concen: 37.837 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Instrument :
BNA_G
ClientSampleId :
PB115249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	7.8	7.4	11.0

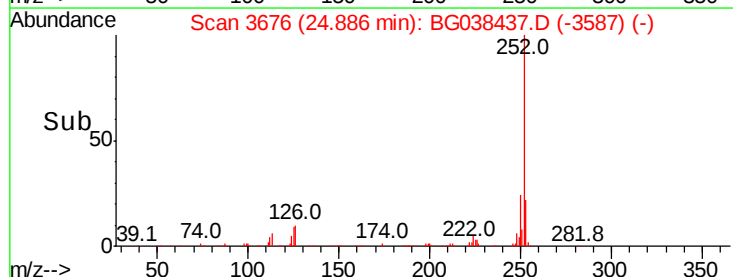
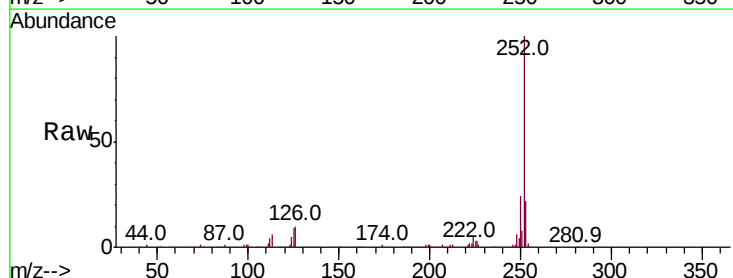
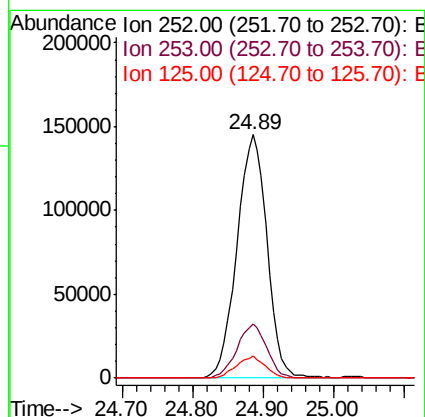
Manual Integrations
APPROVED

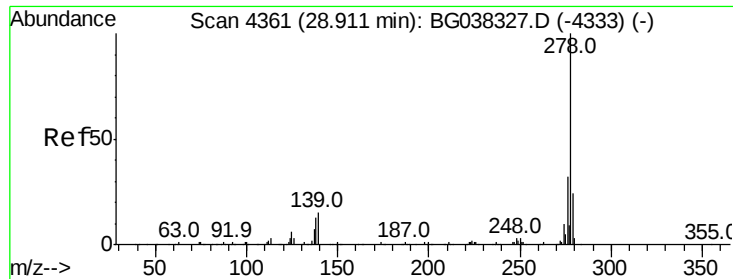
Sohil
12/11/2018 6:07:17 PM



#90
Benzo(a)pyrene
Concen: 38.325 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG038437.D
Acq: 10 Dec 2018 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.2	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.726 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Instrument :

BNA_G

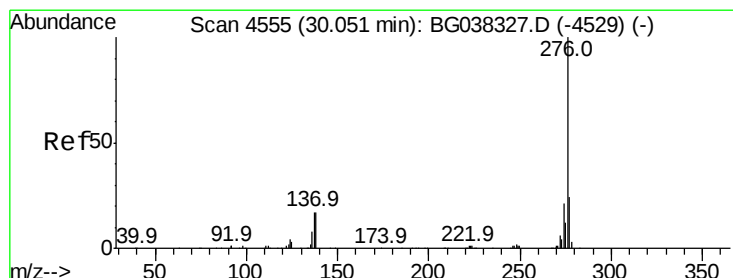
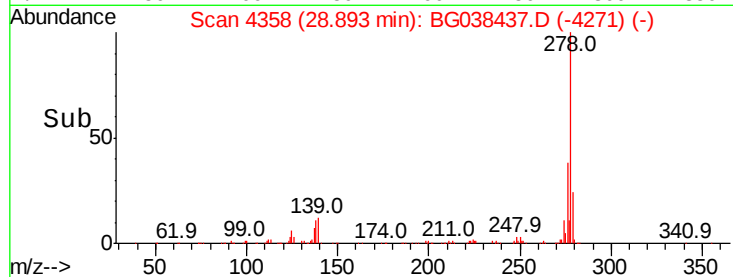
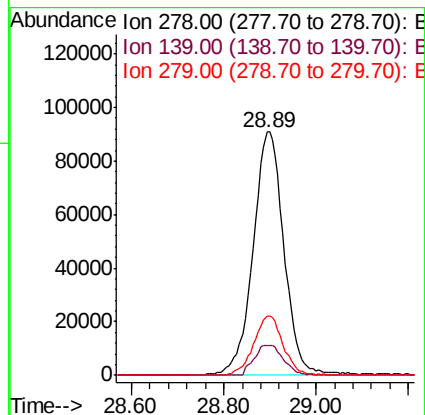
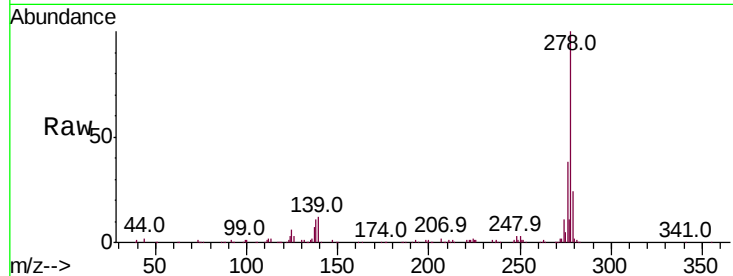
ClientSampleId :

PB115249BS

Tot Ion:	278	Resp:	421864
Ion Ratio	Lower	Upper	
278	100		
139	12.5	11.5	17.3
279	24.2	18.6	27.8

Manual Integrations
APPROVED

Sohil
12/11/2018 6:07:17 PM



#92

Benzo(g,h,i)perylene

Concen: 53.597 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG038437.D

Acq: 10 Dec 2018 11:21

Tgt Ion:	276	Resp:	564696
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.9	28.3
138	23.2	17.2	25.8

