

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
 Data File : BG038043.D
 Acq On : 16 Nov 2018 21:16
 Operator : JU/SJ
 Sample : PB114870BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114870BS

Manual Integrations
 APPROVED

Sohil
 11/19/2018 2:13:33 PM

Quant Time: Nov 17 03:26:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41059	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	174116	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	108189	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	251851	20.00	ng	0.00
76) Chrysene-d12	21.76	240	237457	20.00	ng	0.00
87) Perylene-d12	25.07	264	250980	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	304316	127.97	ng	0.00
7) Phenol-d6	7.24	99	415325	122.35	ng	0.00
23) Nitrobenzene-d5	9.26	82	251913	77.45	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	142567	115.54	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	572583	77.10	ng	0.00
79) Terphenyl-d14	20.07	244	886409	87.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	34016	30.283	ng	93
3) Pyridine	3.92	79	99609	31.087	ng	98
4) n-Nitrosodimethylamine	3.84	42	49676	42.733	ng	99
6) Aniline	7.41	93	75719	17.283	ng	97
8) 2-Chlorophenol	7.65	128	115561	41.880	ng	98
9) Benzaldehyde	7.23	77	61893	25.212	ng	93
10) Phenol	7.26	94	153442	42.675	ng	98
11) bis(2-Chloroethyl)ether	7.50	93	107580	36.649	ng	98
12) 1,3-Dichlorobenzene	7.97	146	116279	36.579	ng	96
13) 1,4-Dichlorobenzene	8.12	146	120293	37.461	ng	97
14) 1,2-Dichlorobenzene	8.44	146	113840	37.132	ng	100
15) Benzyl Alcohol	8.32	79	101532	41.336	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	210135	38.552	ng	97
17) 2-Methylphenol	8.52	107	105469	43.387	ng	97
18) Hexachloroethane	9.17	117	43452	37.181	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	88864	36.179	ng	98
20) 3+4-Methylphenols	8.85	107	140073	40.647	ng	99
22) Acetophenone	8.92	105	168482	38.891	ng	# 98
24) Nitrobenzene	9.31	77	133005	39.973	ng	96
25) Isophorone	9.82	82	247995	42.360	ng	98
26) 2-Nitrophenol	10.02	139	63725	38.363	ng	98
27) 2,4-Dimethylphenol	10.06	122	117668	47.016	ng	100
28) bis(2-Chloroethoxy)methane	10.30	93	155052	41.418	ng	98
29) 2,4-Dichlorophenol	10.54	162	119618	42.491	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	120164	38.092	ng	98
31) Naphthalene	10.96	128	357506	41.746	ng	99
32) Benzoic acid	10.19	122	63059m	41.409	ng	
33) 4-Chloroaniline	11.07	127	44953	11.285	ng	97
34) Hexachlorobutadiene	11.22	225	69741	35.921	ng	98
35) Caprolactam	11.85	113	43211m	38.349	ng	
36) 4-Chloro-3-methylphenol	12.17	107	130264	42.355	ng	98
37) 2-Methylnaphthalene	12.55	142	266329	43.295	ng	99
38) 1-Methylnaphthalene	12.77	142	252285	42.607	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	133789	37.007	ng	98

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 BNA_G
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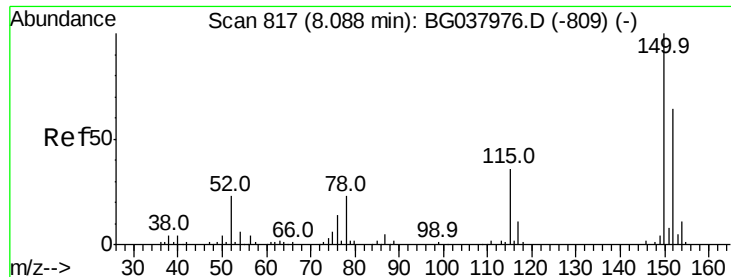
Manual Integrations
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 11/19/2018 2:13:33 PM

Quant Time: Nov 17 03:26:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.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	12.88	237	170330	87.987	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	97710	39.663	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	105006	40.510	nq	96
46) 1,1'-Biphenyl	13.55	154	339402	37.342	nq	99
47) 2-Chloronaphthalene	13.61	162	264561	38.145	nq	98
48) 2-Nitroaniline	13.81	65	89157	40.844	nq	95
49) Acenaphthylene	14.45	152	450012	43.147	nq	99
50) Dimethylphthalate	14.17	163	347810	40.552	nq	99
51) 2,6-Dinitrotoluene	14.30	165	79863	41.141	nq	97
52) Acenaphthene	14.79	154	255014	40.614	nq	99
53) 3-Nitroaniline	14.63	138	36385	16.986	nq	# 96
54) 2,4-Dinitrophenol	14.84	184	77058	74.300	nq	96
55) Dibenzofuran	15.12	168	419593	40.413	nq	96
56) 4-Nitrophenol	14.93	139	136737	82.768	nq	95
57) 2,4-Dinitrotoluene	15.09	165	111519	42.223	nq	97
58) Fluorene	15.77	166	333982	43.113	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	94114	43.391	nq	99
60) Diethylphthalate	15.52	149	358001	39.298	nq	100
61) 4-Chlorophenyl-phenylether	15.75	204	171817	37.905	nq	99
62) 4-Nitroaniline	15.80	138	86516	40.658	nq	93
63) Azobenzene	16.04	77	335093	41.139	nq	98
65) 4,6-Dinitro-2-methylphenol	15.84	198	60437	37.940	nq	98
66) n-Nitrosodiphenylamine	15.97	169	304002	39.900	nq	98
67) 4-Bromophenyl-phenylether	16.65	248	108152	39.125	nq	98
68) Hexachlorobenzene	16.76	284	111857	39.203	nq	98
69) Atrazine	16.91	200	114607	40.804	nq	97
70) Pentachlorophenol	17.11	266	132495	68.372	nq	95
71) Phenanthrene	17.51	178	568220	44.067	nq	99
72) Anthracene	17.60	178	579041	45.556	nq	99
73) Carbazole	17.88	167	532032	41.720	nq	99
74) Di-n-butylphthalate	18.41	149	629722	43.990	nq	99
75) Fluoranthene	19.52	202	677598	46.059	nq	100
77) Benzidine	19.70	184	181983	21.841	nq	99
78) Pyrene	19.88	202	686384	44.211	nq	98
80) Butylbenzylphthalate	20.75	149	293824	43.277	nq	98
81) Benzo(a)anthracene	21.73	228	645946	45.014	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	115442	20.652	nq	100
83) Chrysene	21.80	228	590981	43.044	nq	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	409576	42.301	nq	100
85) Di-n-octyl phthalate	22.84	149	695933	44.429	nq	100
86) Indeno(1,2,3-cd)pyrene	28.89	276	706243	46.315	nq	# 90
88) Benzo(b)fluoranthene	24.01	252	632086	45.765	nq	99
89) Benzo(k)fluoranthene	24.08	252	607332	44.563	nq	99
90) Benzo(a)pyrene	24.92	252	614930	46.588	nq	100
91) Dibenzo(a,h)anthracene	28.96	278	582443	45.861	nq	98
92) Benzo(g,h,i)perylene	30.09	276	583370	46.197	nq	99

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



#1

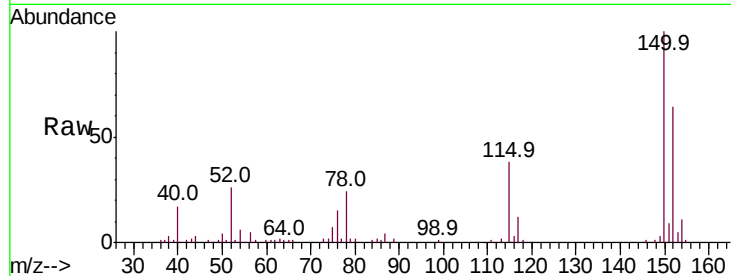
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.0	189.0
115	59.6	45.5	68.3

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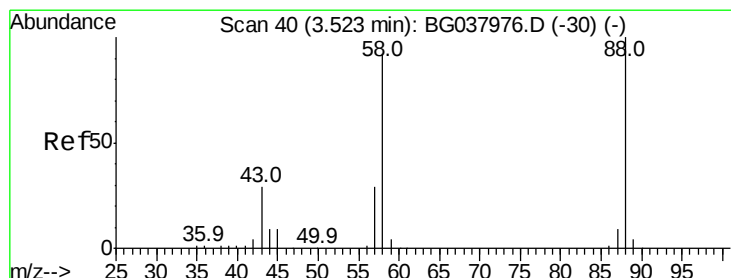
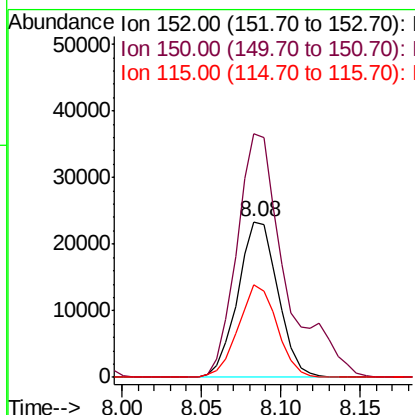
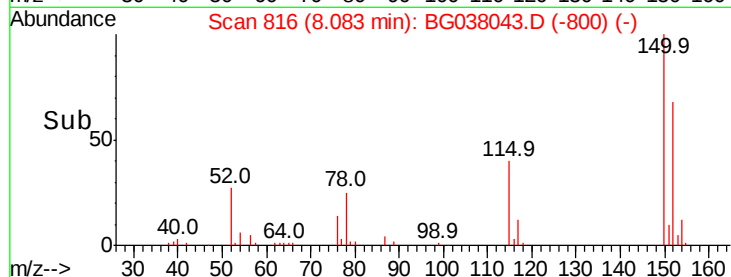


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

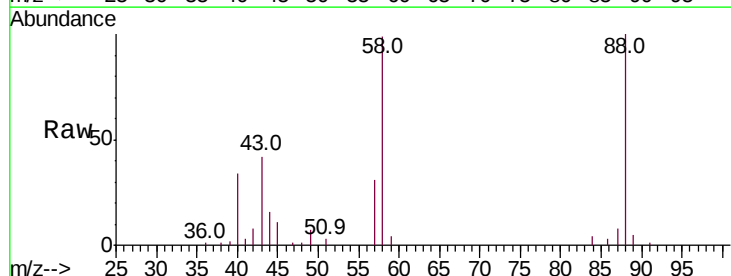
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.283 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	74.4	111.6
43	37.7	25.8	38.8

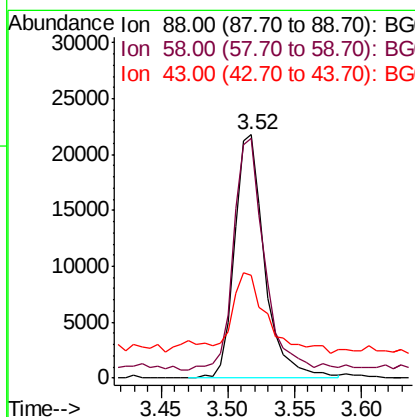
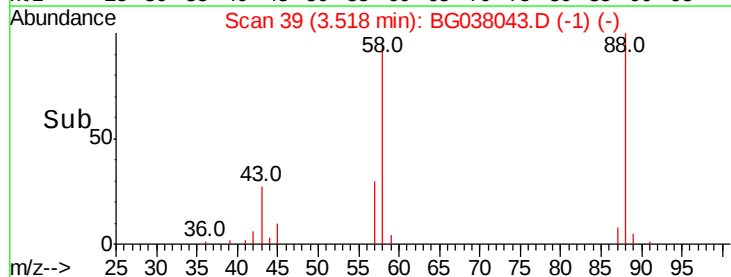


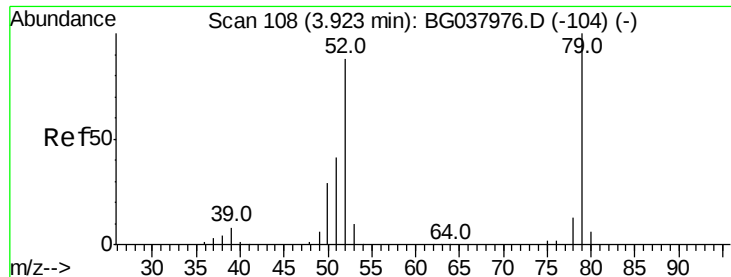
Abundance

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: 31.087 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

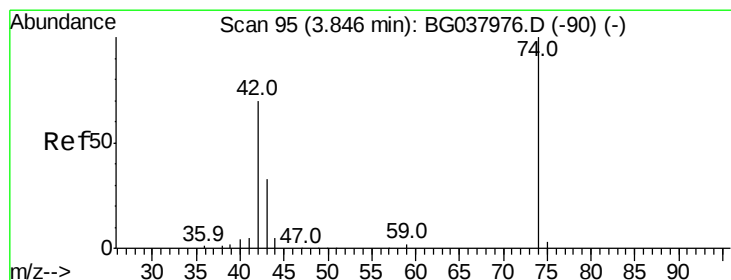
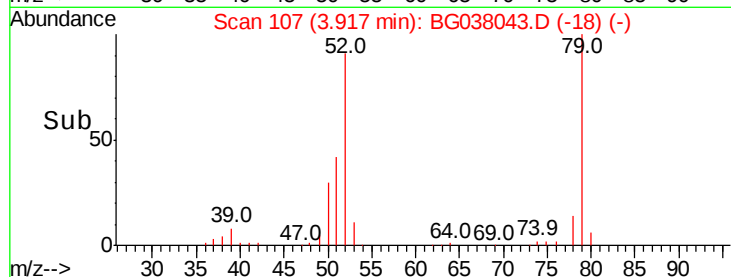
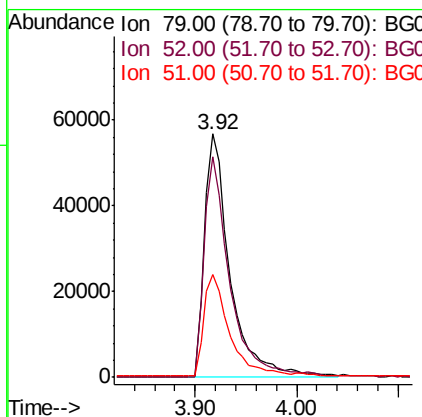
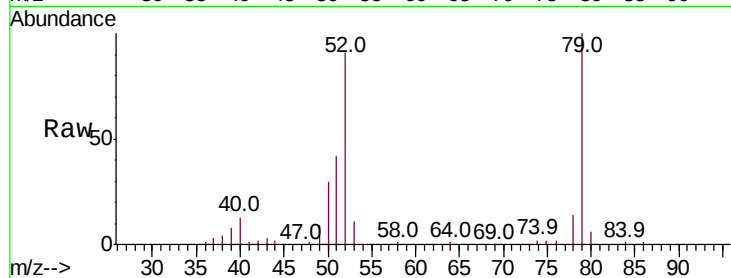
ClientSampleId :

PB114870BS

Tot Ion:	79	Resp:	99609
Ion	Ratio	Lower	Upper
79	100		
52	90.6	74.2	111.2
51	42.4	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 42.733 ng

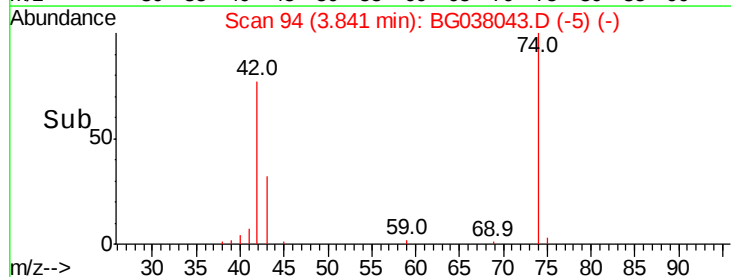
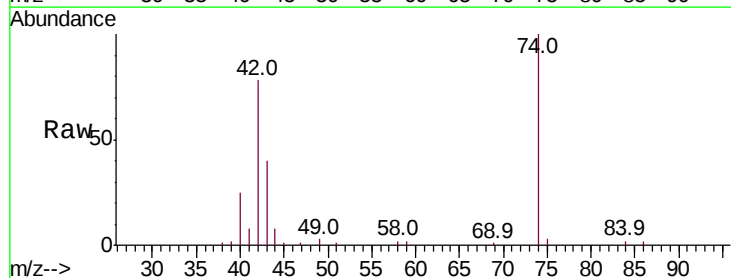
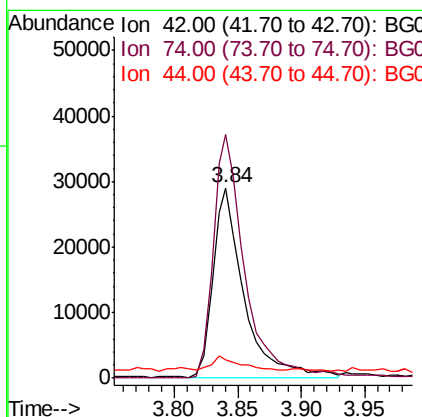
RT: 3.84 min Scan# 94

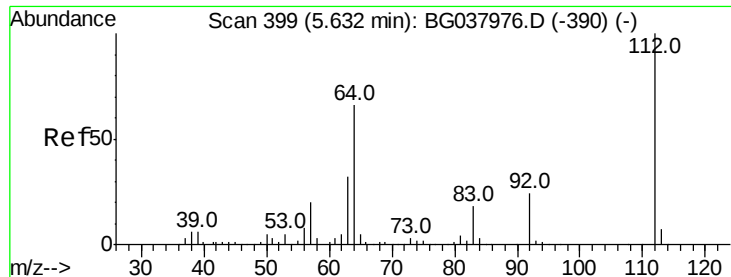
Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	42	Resp:	49676
Ion	Ratio	Lower	Upper
42	100		
74	128.0	102.0	153.0
44	9.8	9.6	14.4





#5

2-Fluorophenol

Concen: 127.967 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

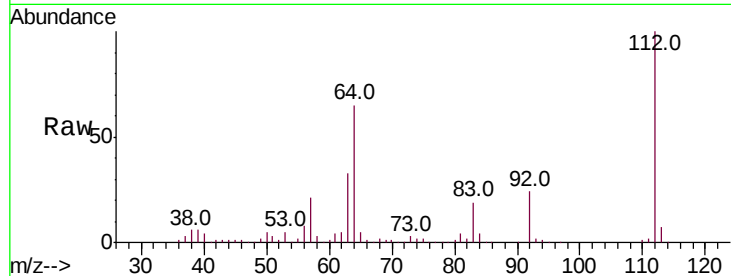
ClientSampleId :

PB114870BS

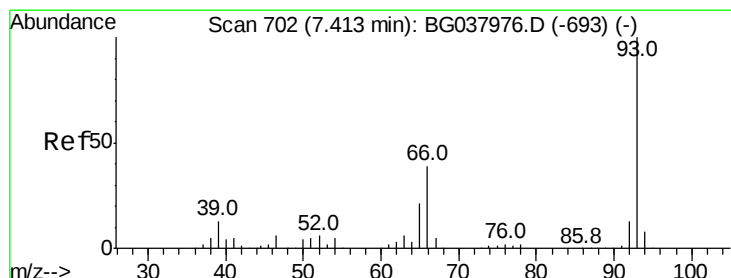
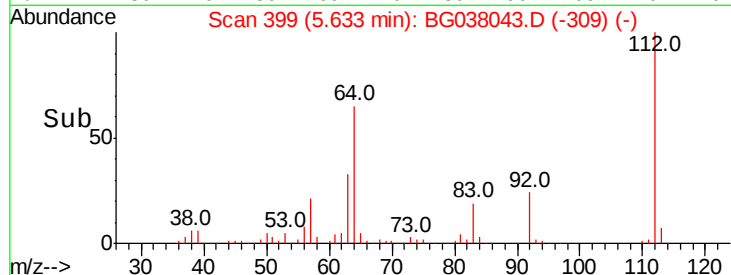
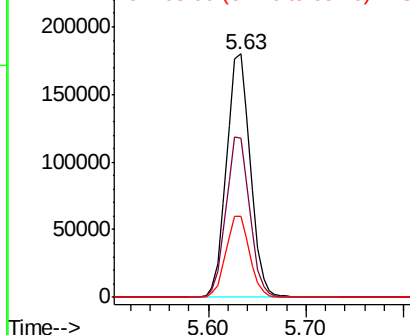
Tot Ion:	112	Resp:	304316
Ion Ratio	Lower	Upper	
112	100		
64	65.5	53.1	79.7
63	33.4	27.3	40.9

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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: 17.283 ng

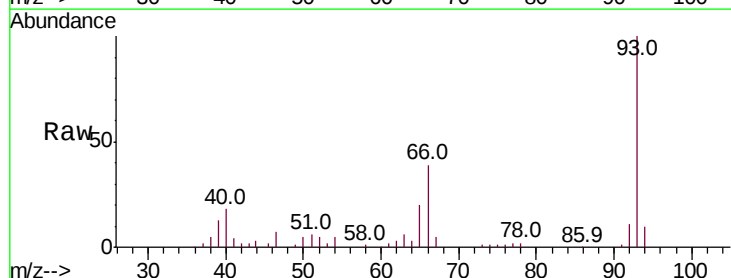
RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

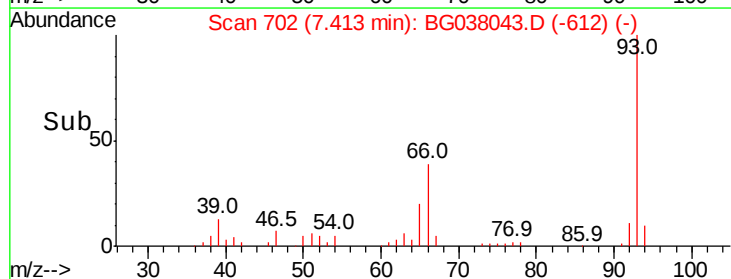
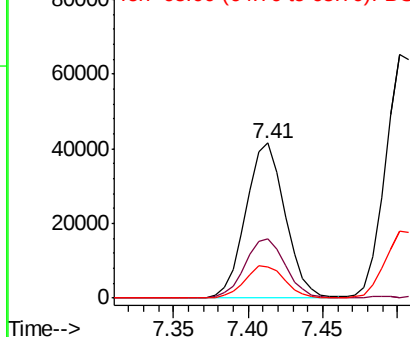
Lab File: BG038043.D

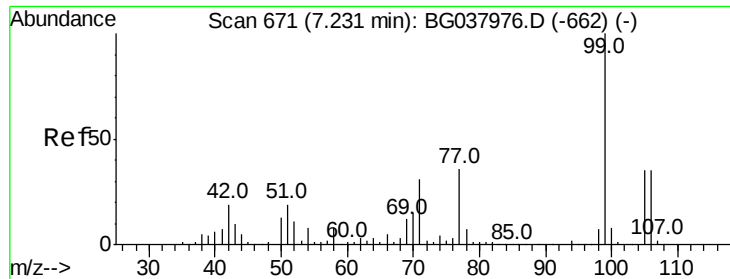
Acq: 16 Nov 2018 21:16

Tgt Ion:	93	Resp:	75719
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.8	49.2
65	20.4	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: 122.350 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

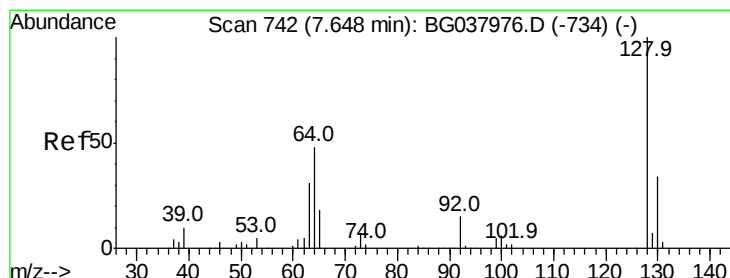
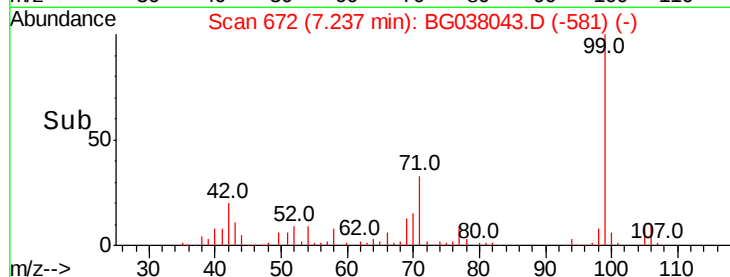
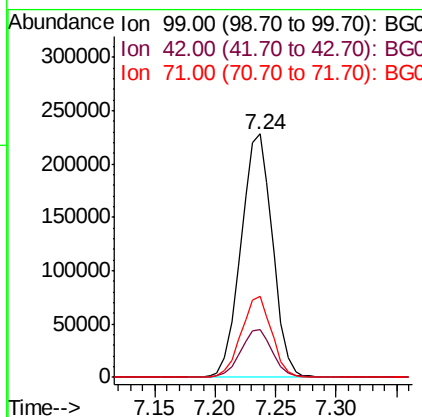
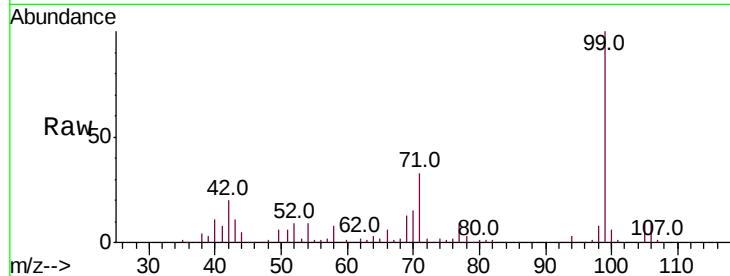
ClientSampleId :

PB114870BS

Tot Ion:	99	Resp:	415325
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.0	22.4
71	33.0	25.5	38.3

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#8

2-Chlorophenol

Concen: 41.880 ng

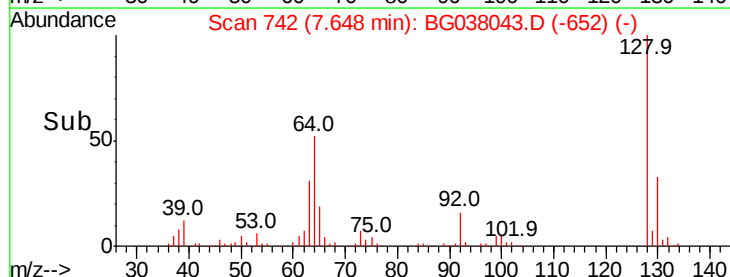
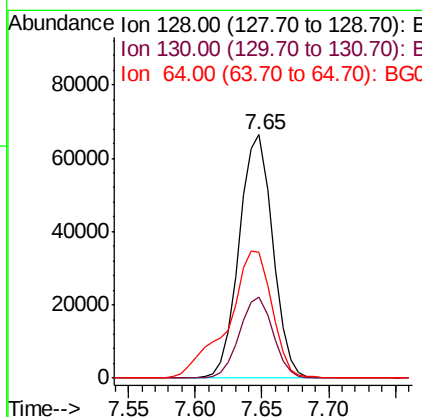
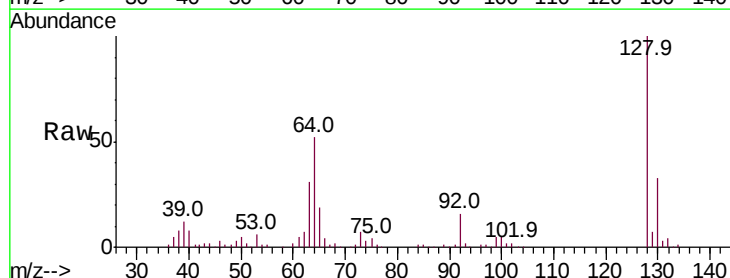
RT: 7.65 min Scan# 742

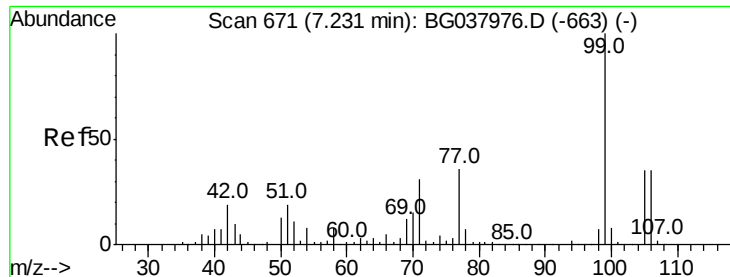
Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	128	Resp:	115561
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.0	52.0
64	51.7	32.9	72.9





#9

Benzaldehyde

Concen: 25.212 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

ClientSampleId :

PB114870BS

Tot Ion: 77 Resp: 61893

Ion Ratio Lower Upper

77 100

105 99.7 72.6 112.6

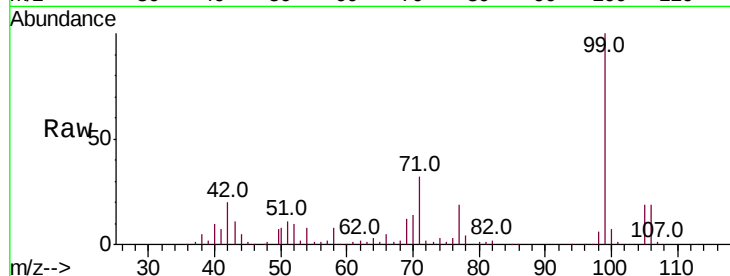
106 96.9 71.3 111.3

Manual Integrations

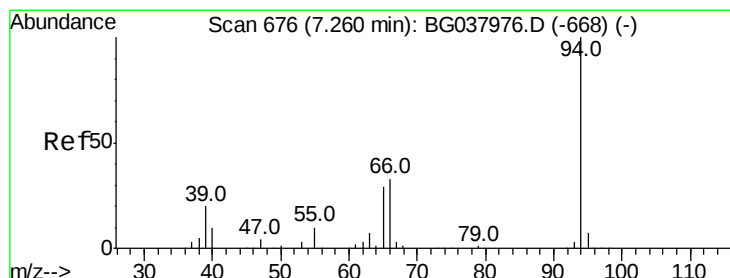
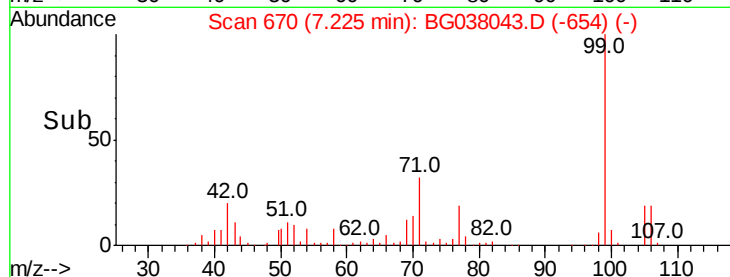
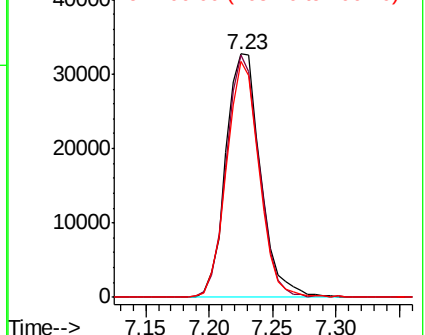
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.675 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

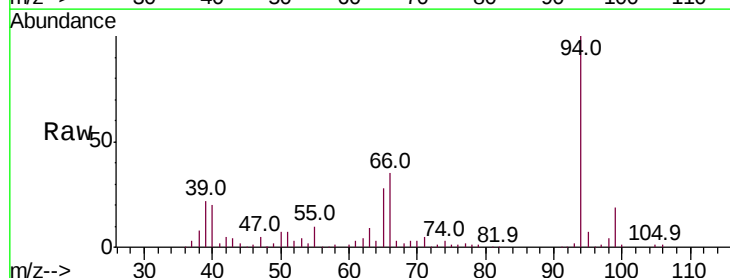
Tgt Ion: 94 Resp: 153442

Ion Ratio Lower Upper

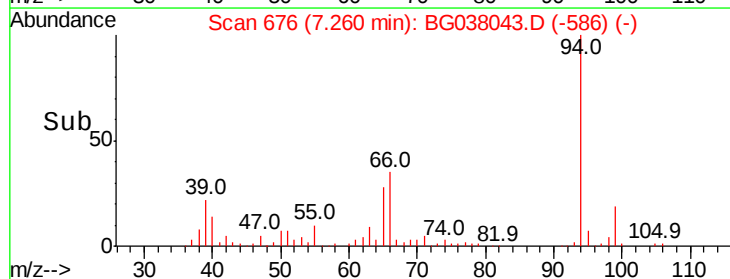
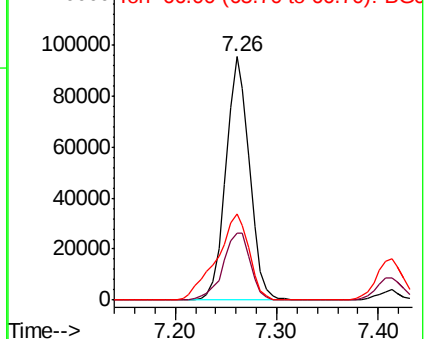
94 100

65 27.7 9.7 49.7

66 35.3 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





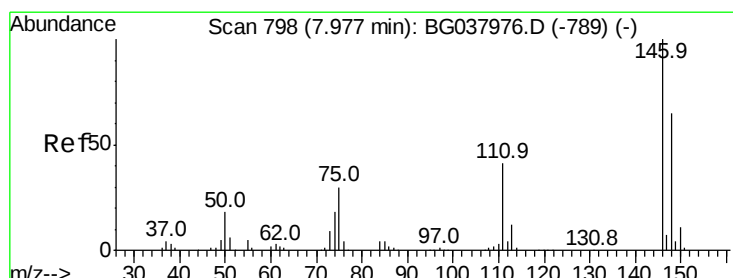
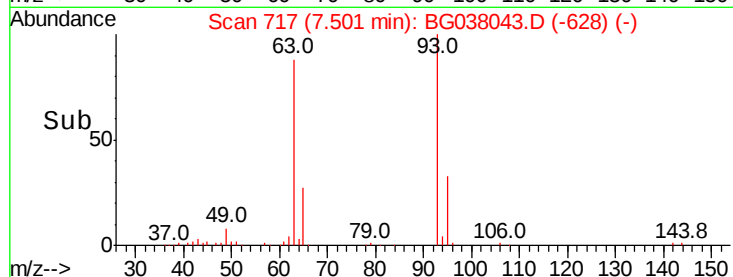
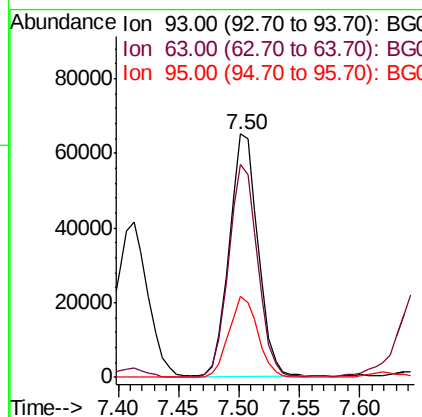
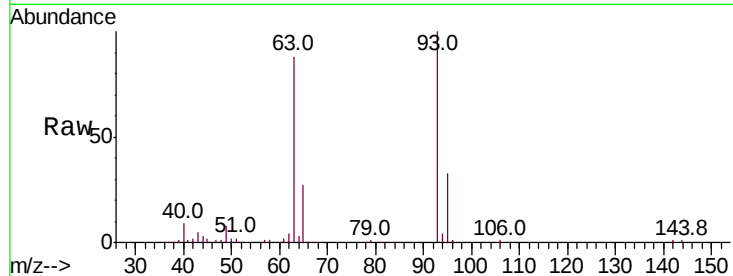
#11
bis(2-Chloroethyl)ether
Concen: 36.649 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	69.5	109.5
95	33.1	12.6	52.6

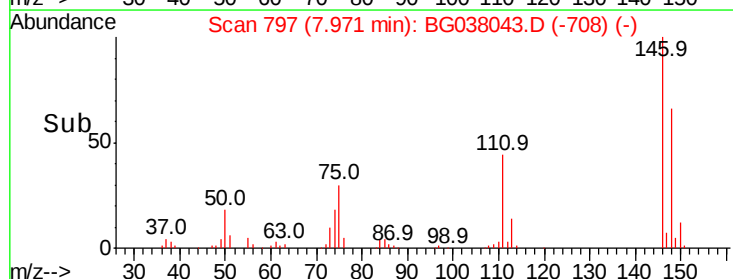
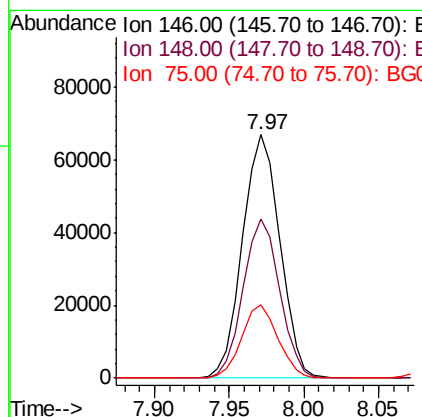
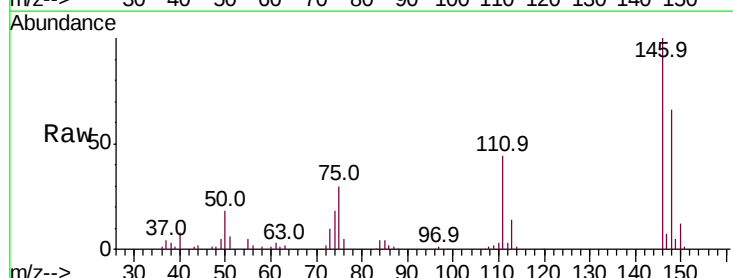
Manual Integrations
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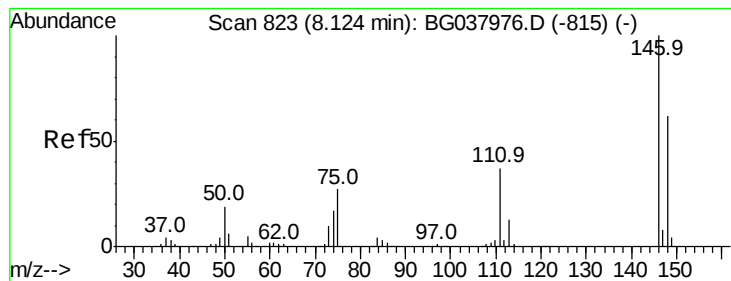
Sohil
11/19/2018 2:13:33 PM



#12
1,3-Dichlorobenzene
Concen: 36.579 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	49.8	74.8
75	30.4	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 37.461 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

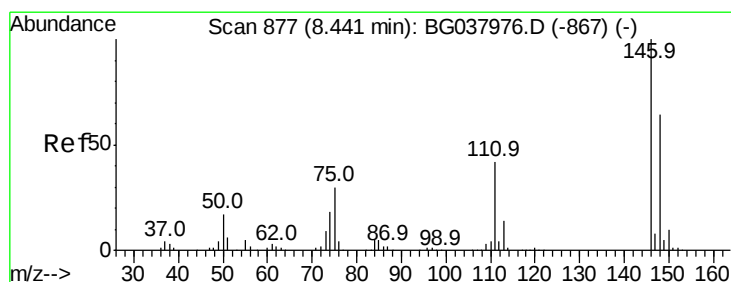
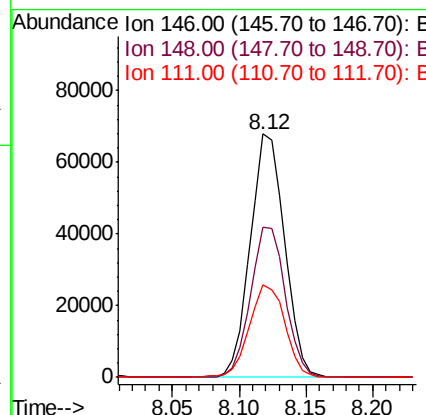
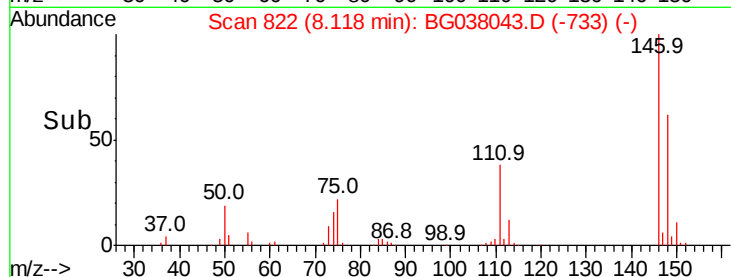
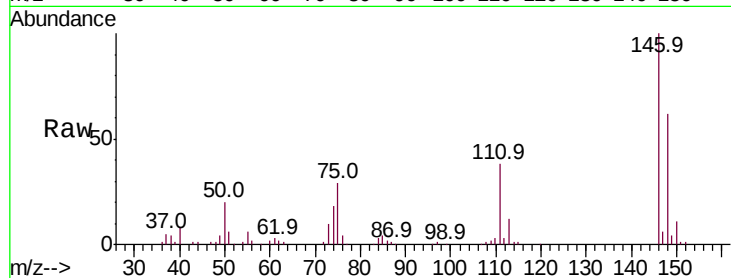
ClientSampleId :

PB114870BS

Tot Ion:	146	Resp:	120293
Ion Ratio	Lower	Upper	
146	100		
148	61.6	51.0	76.6
111	38.3	32.4	48.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.132 ng

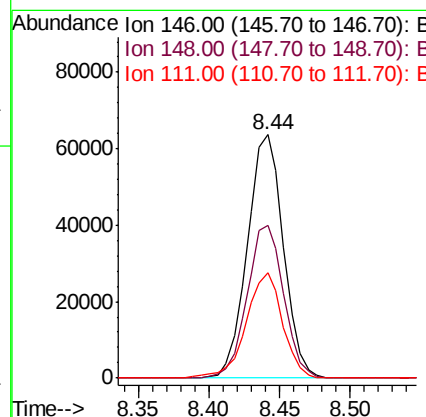
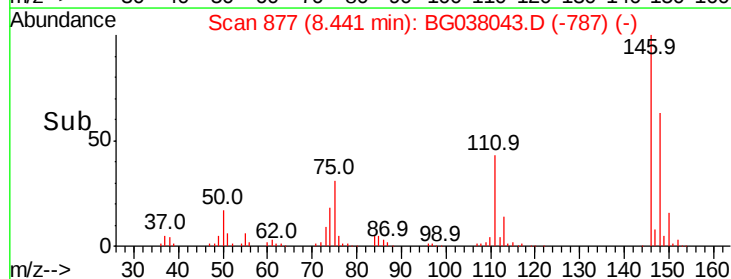
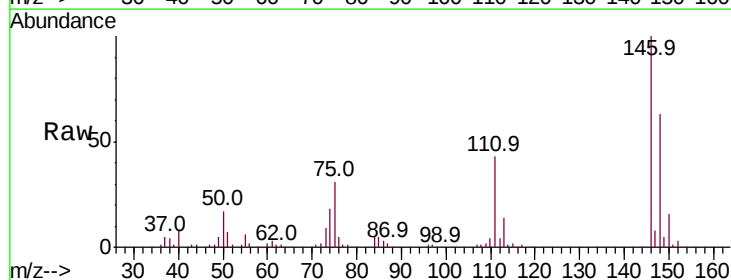
RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	146	Resp:	113840
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.4	75.6
111	43.3	34.6	51.8





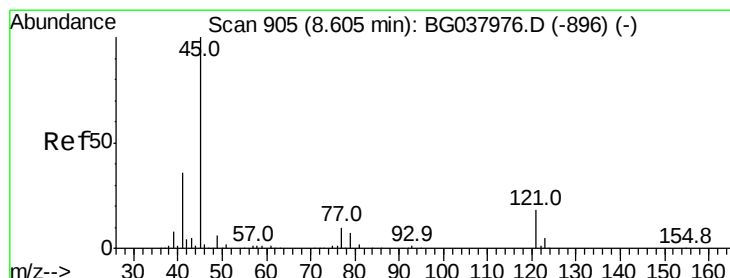
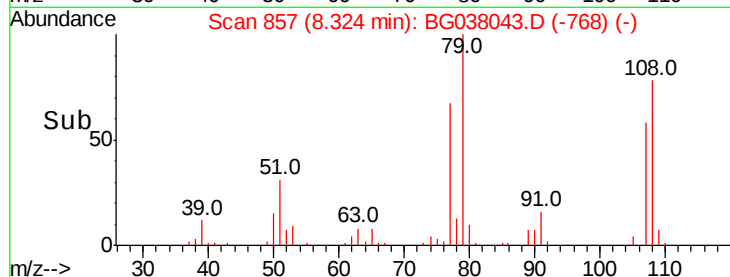
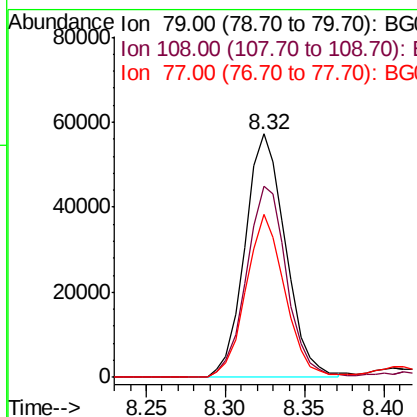
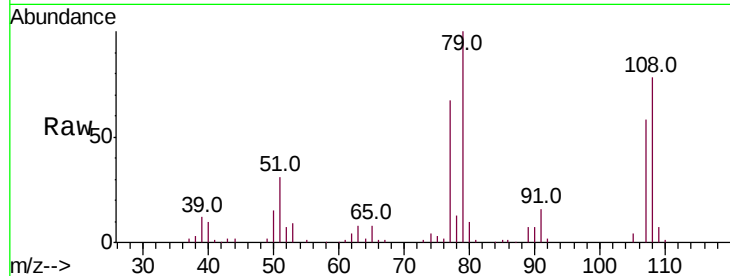
#15
Benzyl Alcohol
Concen: 41.336 ng
RT: 8.32 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion:	79	Resp:	101532
Ion Ratio	Lower	Upper	
79	100		
108	78.4	65.8	98.8
77	67.0	52.9	79.3

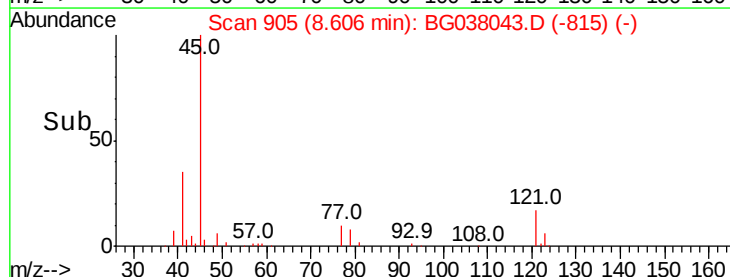
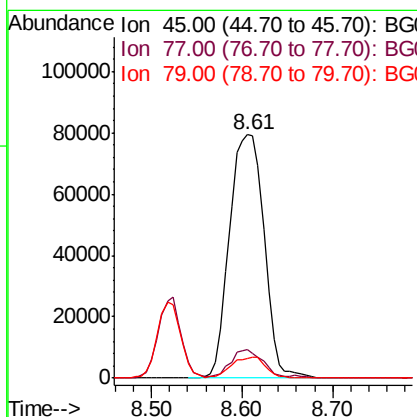
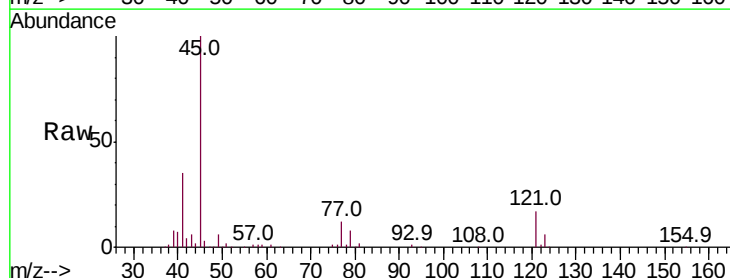
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.552 ng
RT: 8.61 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion:	45	Resp:	210135
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.0
79	8.3	0.0	29.0





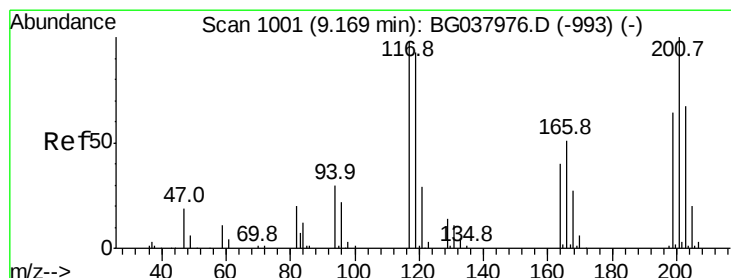
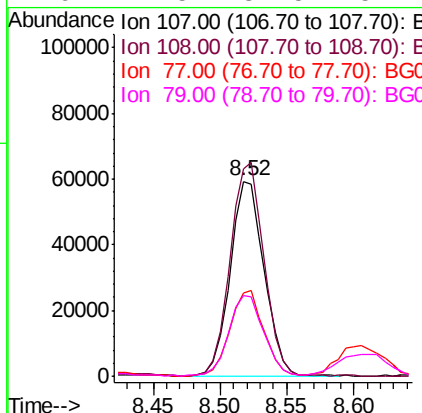
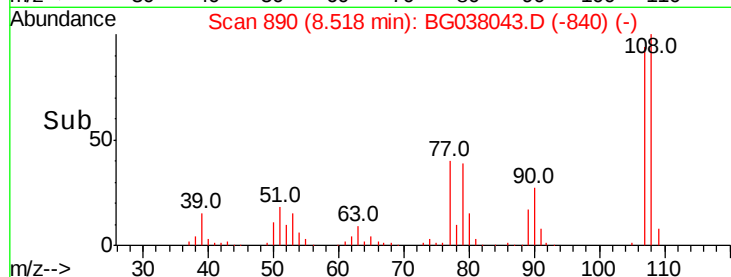
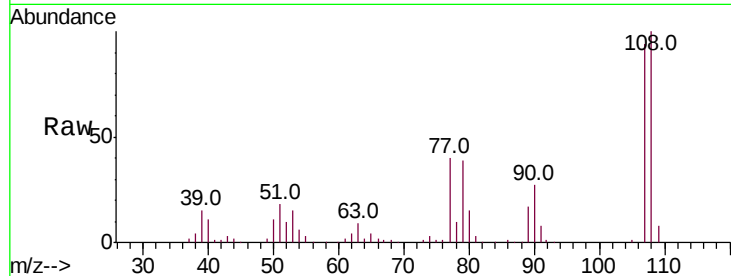
#17
2-Methylphenol
Concen: 43.387 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion:	107	Resp:	105469
Ion Ratio	Lower	Upper	
107	100		
108	106.4	87.9	131.9
77	42.7	35.1	52.7
79	41.5	34.5	51.7

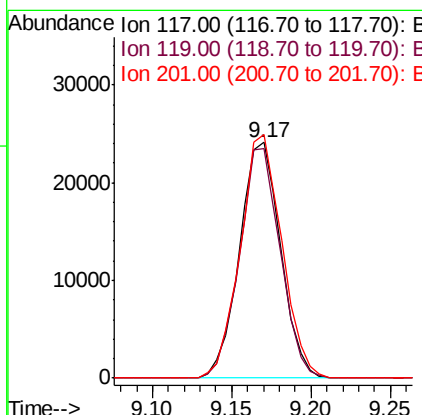
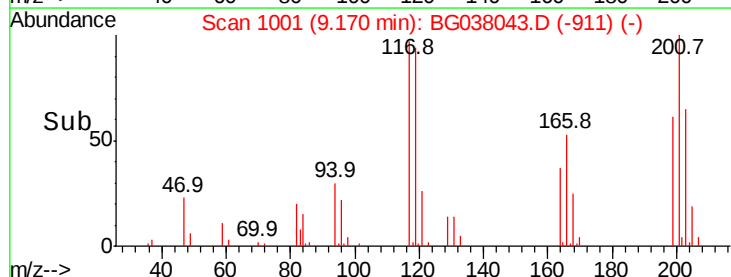
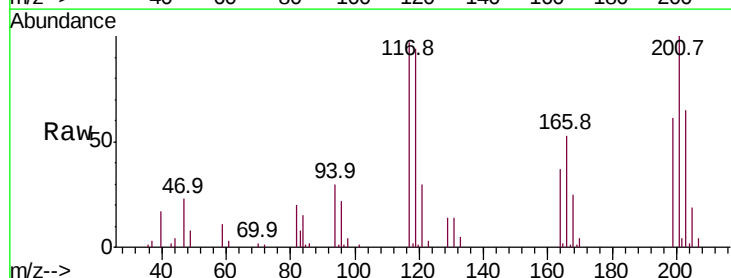
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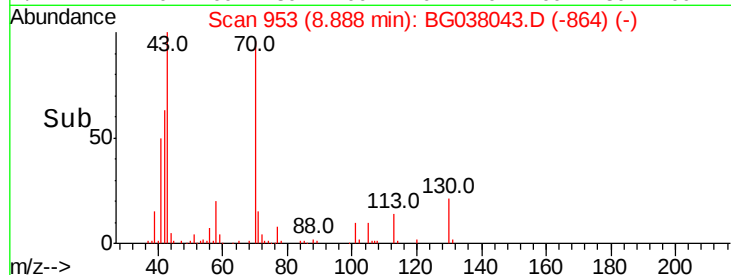
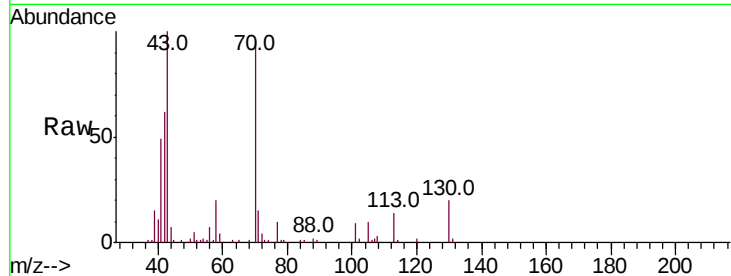
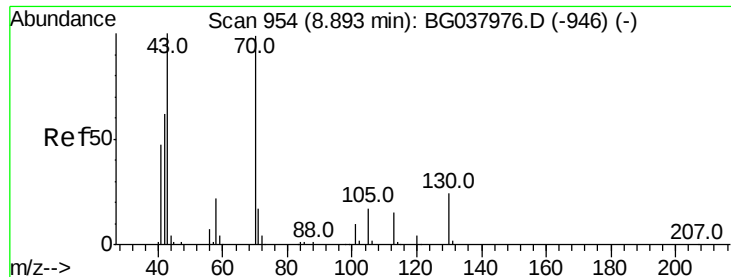
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#18
Hexachloroethane
Concen: 37.181 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion:	117	Resp:	43452
Ion Ratio	Lower	Upper	
117	100		
119	97.4	74.6	111.8
201	107.2	80.8	121.2





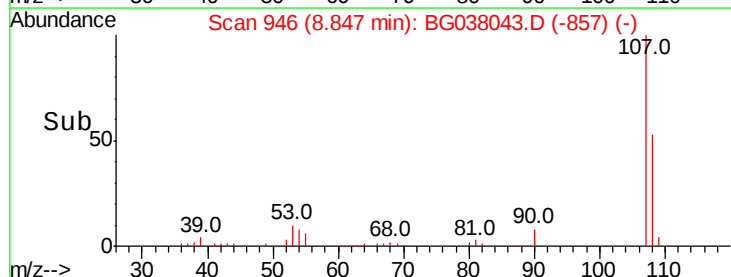
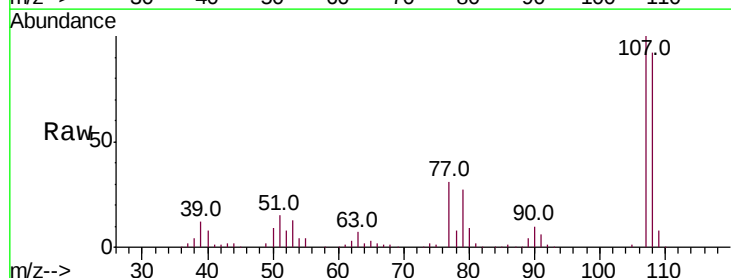
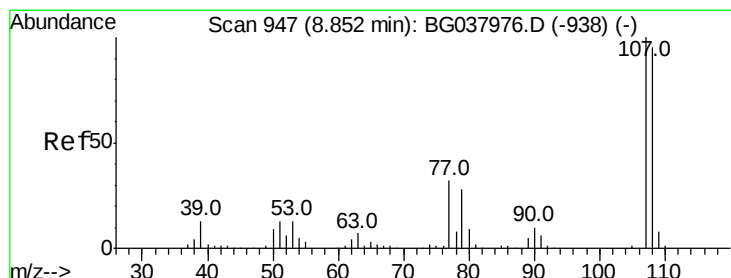
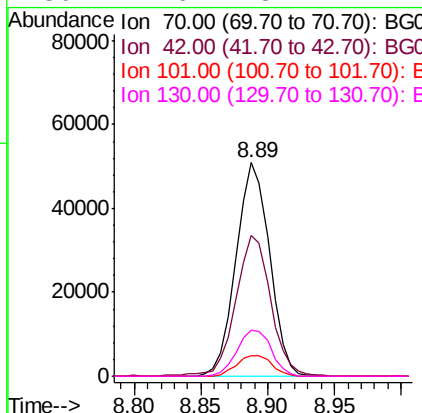
#19
n-Nitroso-di-n-propylamine
Concen: 36.179 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	53.9	80.9
101	9.9	8.2	12.2
130	21.6	18.2	27.4

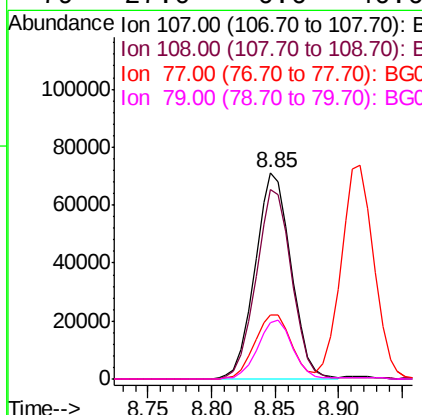
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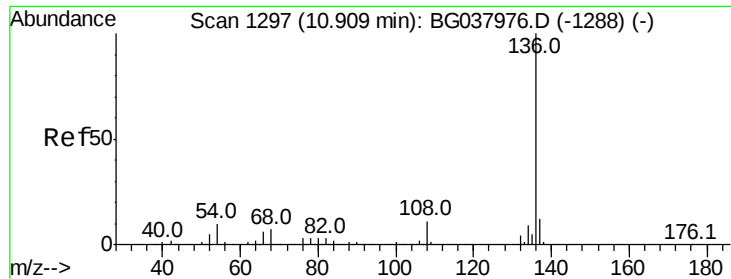
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#20
3+4-Methylphenols
Concen: 40.647 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.9	109.9
77	30.9	11.2	51.2
79	27.0	6.6	46.6





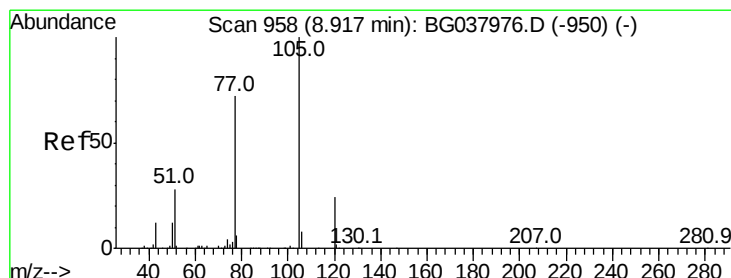
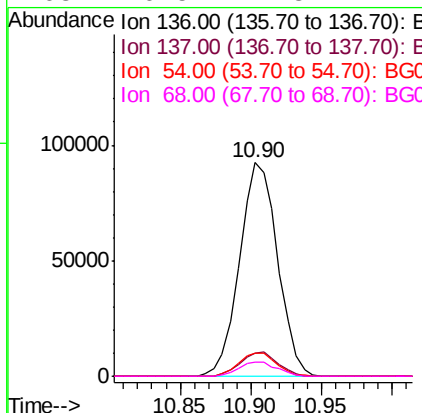
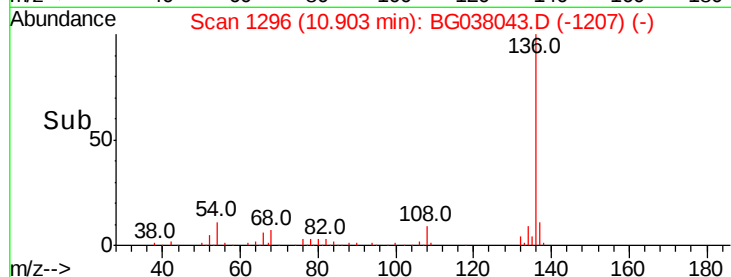
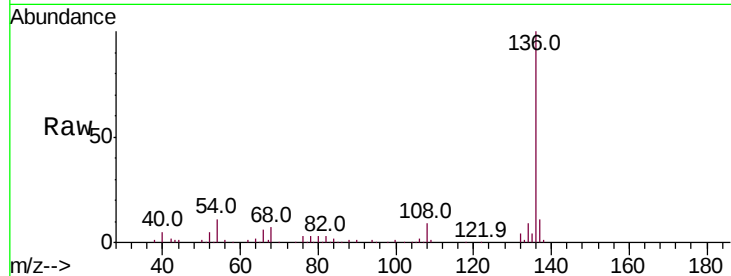
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	174116		
137	11.1	9.6	14.4	
54	10.9	7.9	11.9	
68	6.5	4.8	7.2	

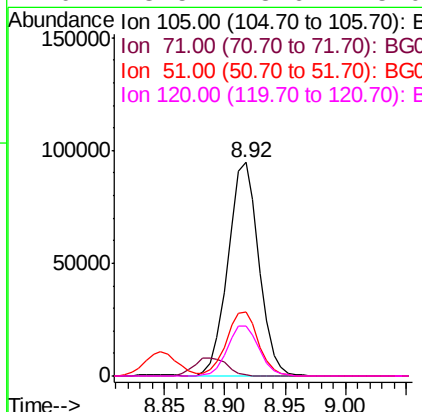
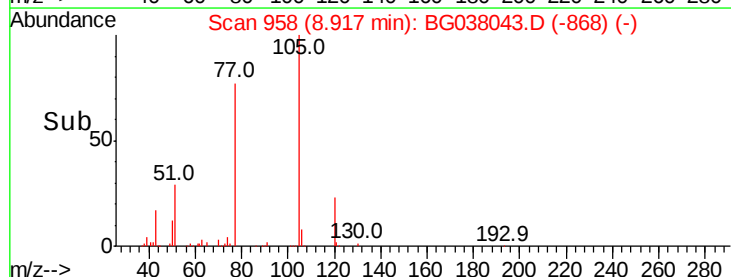
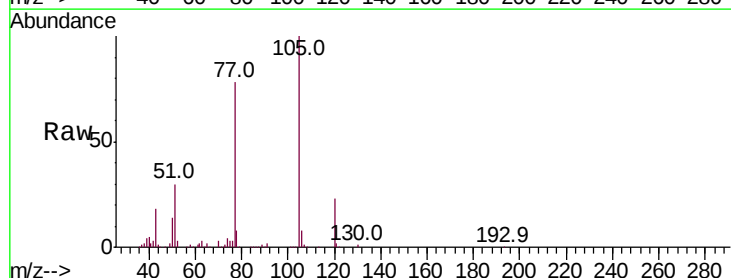
Manual Integrations
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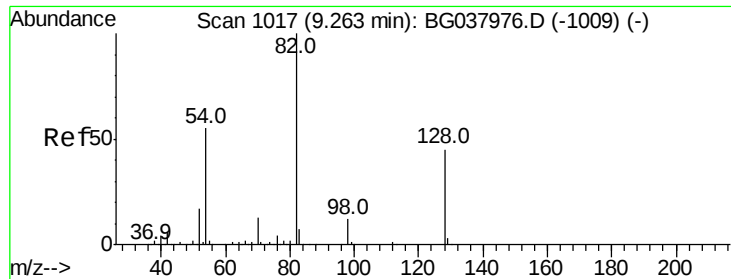
Sohil
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#22
Acetophenone
Concen: 38.891 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168482		
71	0.4	1.2	1.8#	
51	29.8	25.0	37.6	
120	23.5	18.6	28.0	





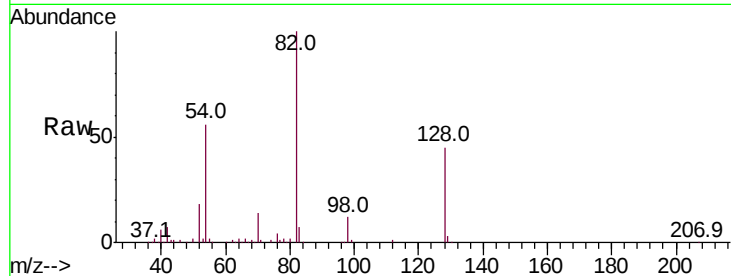
#23
Nitrobenzene-d5
Concen: 77.448 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.6	51.8
54	56.1	45.3	67.9

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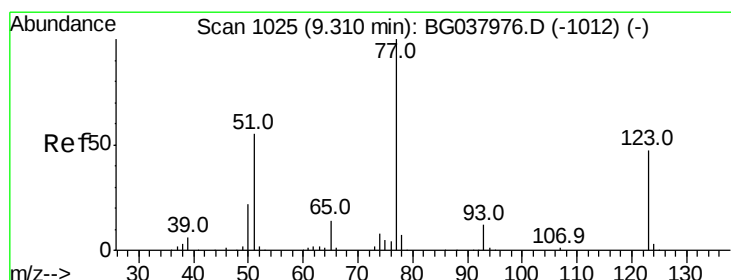
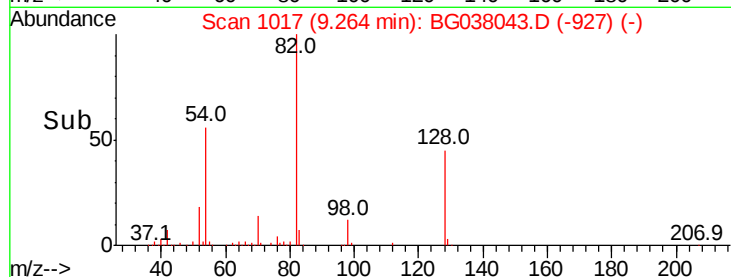
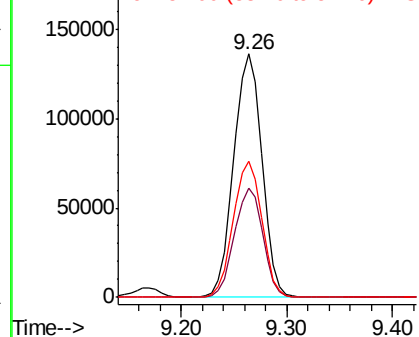


Abundance

Ion 82.00 (81.70 to 82.70): BGC

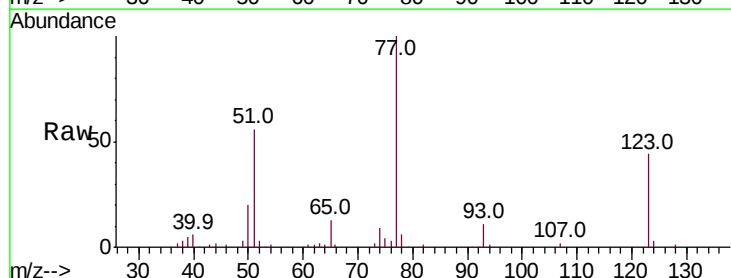
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 39.973 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.6	50.4
65	12.9	11.3	16.9

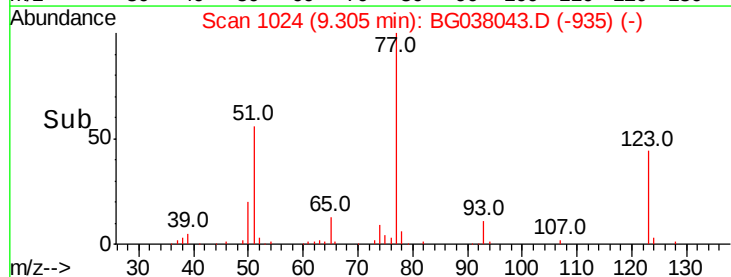
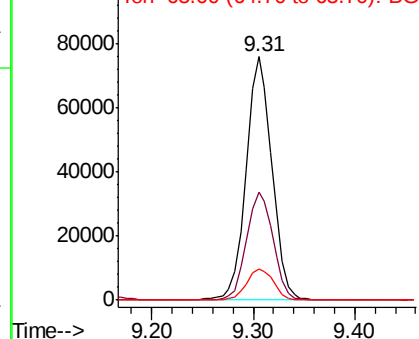


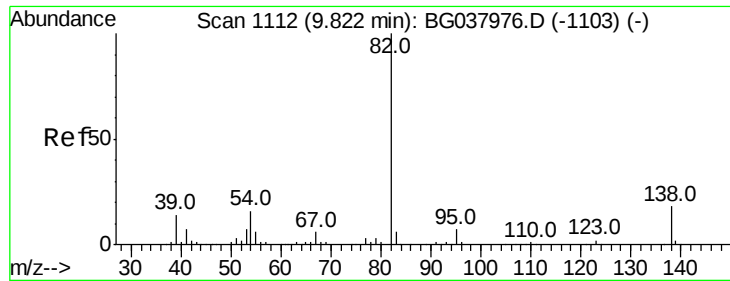
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 42.360 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

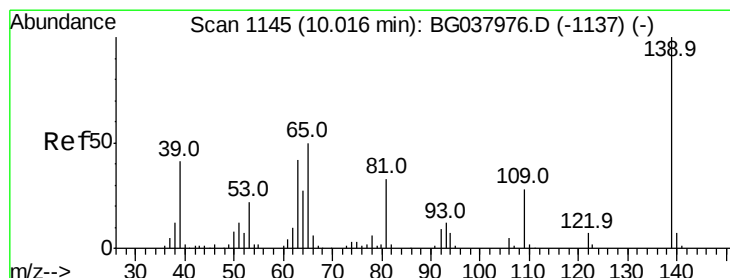
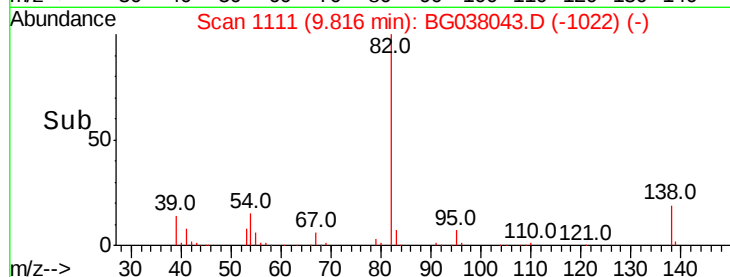
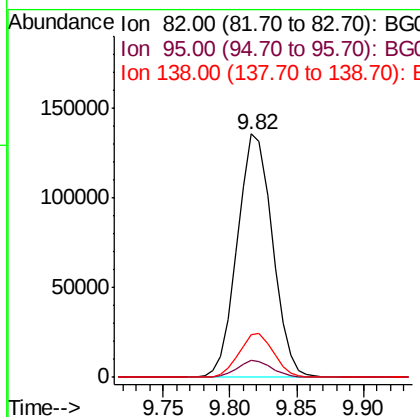
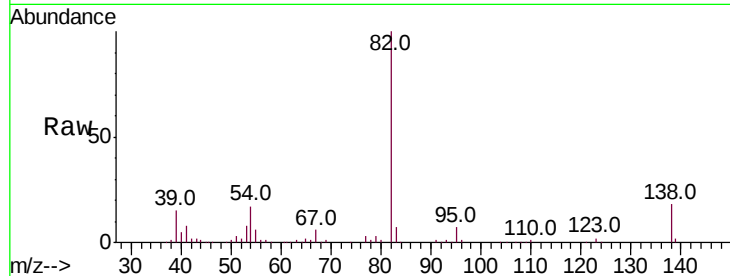
ClientSampleId :

PB114870BS

Tot Ion:	82	Resp:	247995
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	17.7	13.3	19.9

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#26

2-Nitrophenol

Concen: 38.363 ng

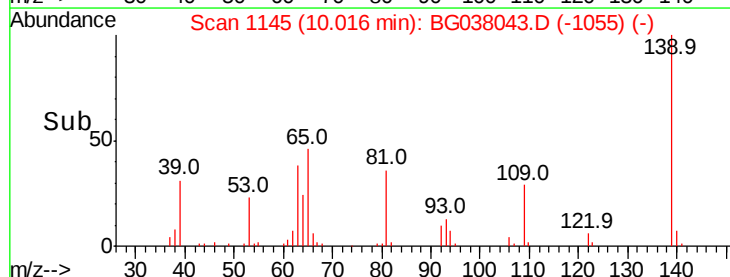
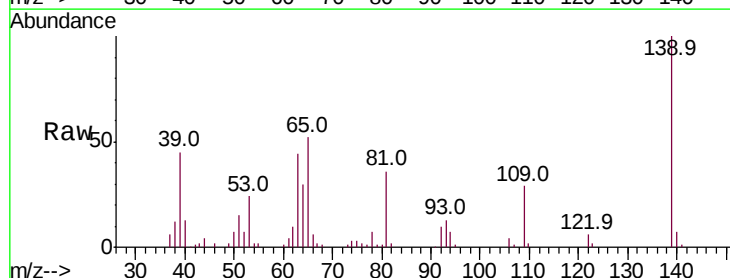
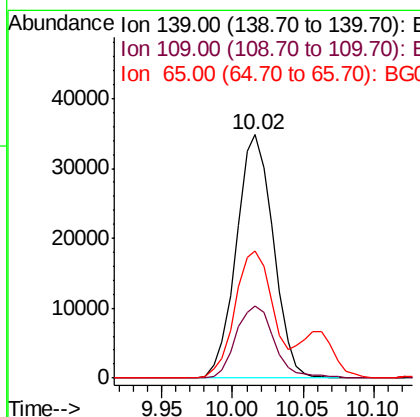
RT: 10.02 min Scan# 1145

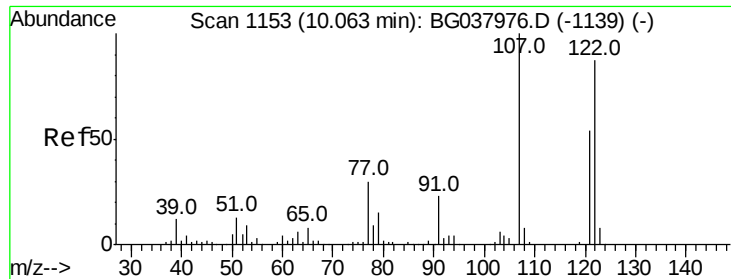
Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	139	Resp:	63725
Ion Ratio	Lower	Upper	
139	100		
109	29.4	23.3	34.9
65	52.3	39.8	59.8





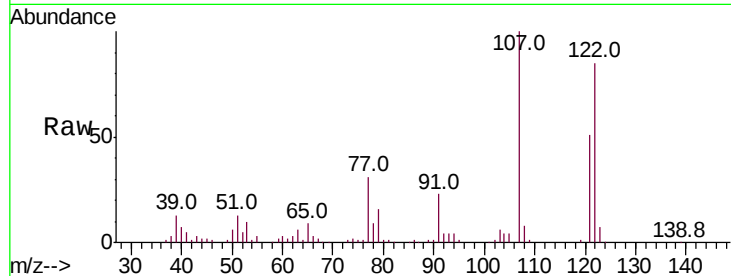
#27
2,4-Dimethylphenol
Concen: 47.016 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	117.1	94.2	141.2		
121	59.3	47.3	70.9		

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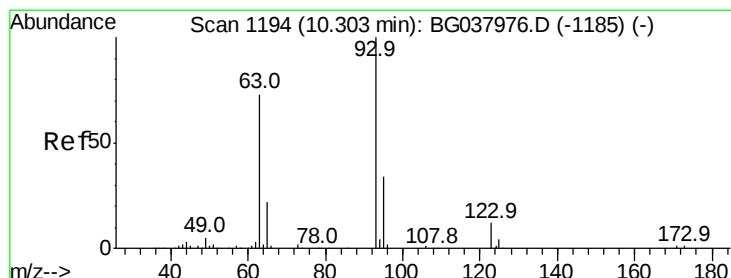
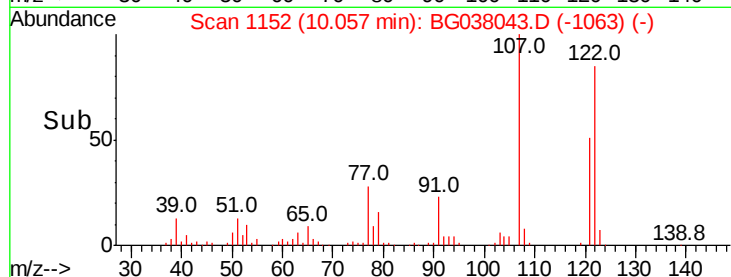
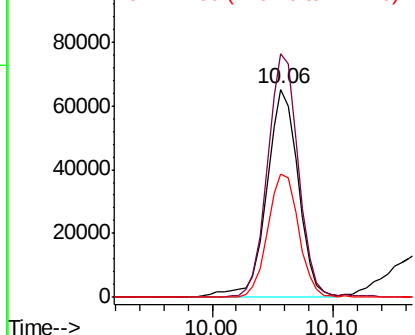


Abundance

Ion 122.00 (121.70 to 122.70): E

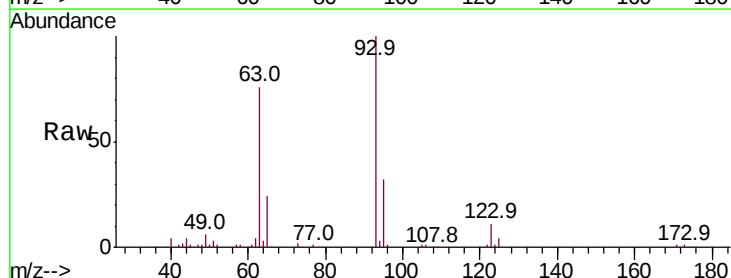
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.418 ng
RT: 10.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.0	24.6	37.0		
123	11.4	9.1	13.7		

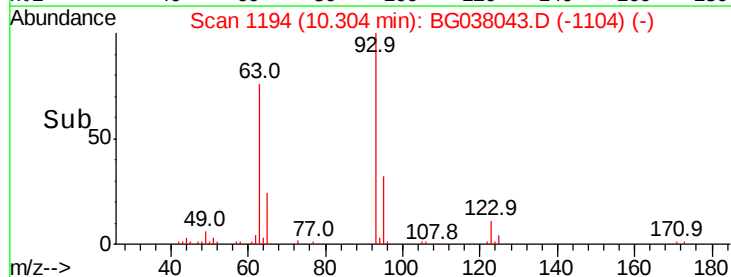
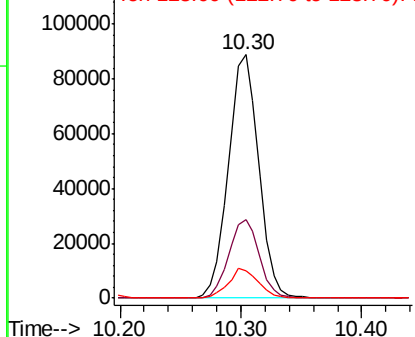


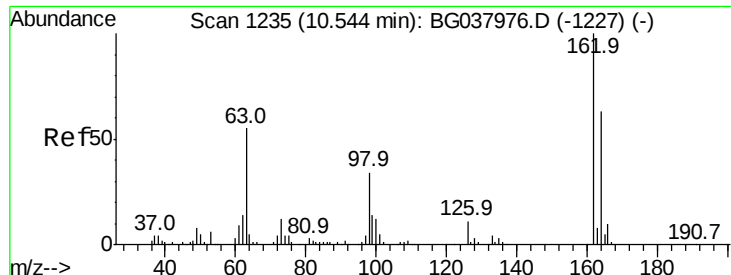
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





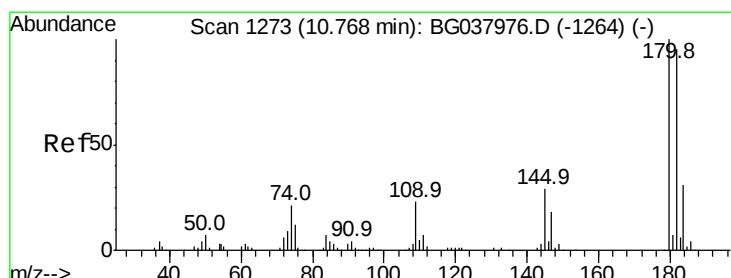
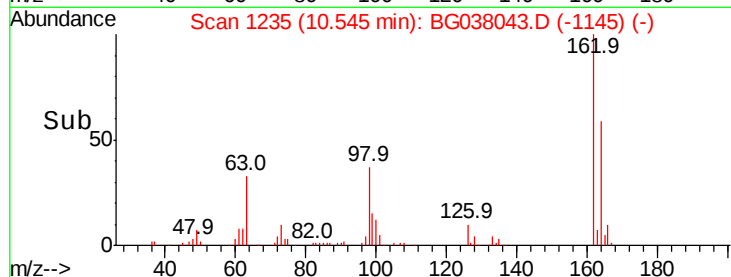
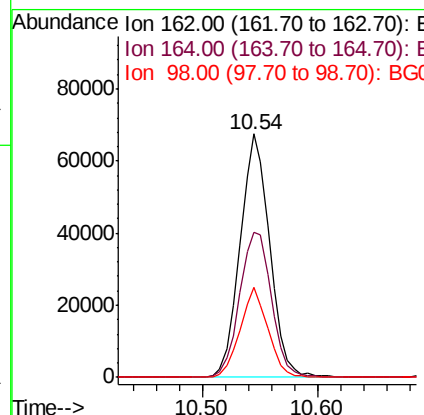
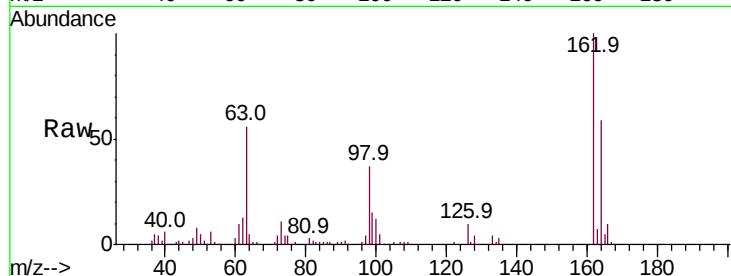
#29
2,4-Dichlorophenol
Concen: 42.491 ng
RT: 10.54 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	59.4	43.2	83.2	
98	36.7	16.0	56.0	

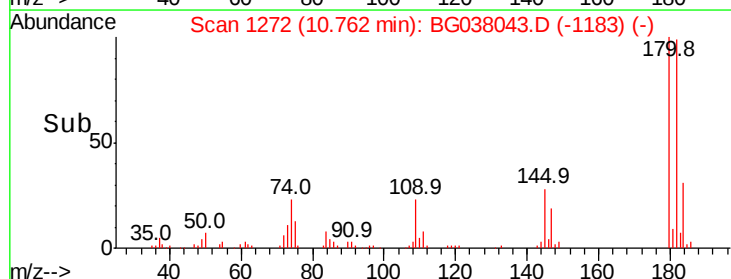
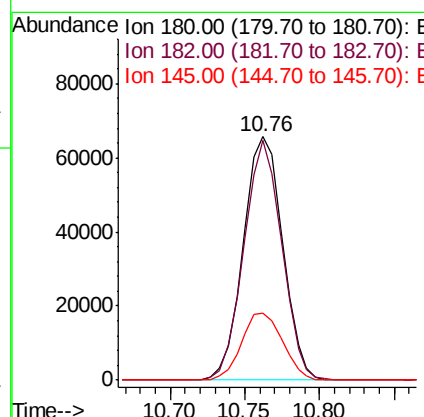
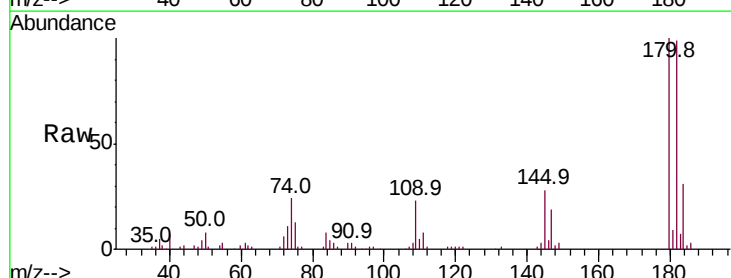
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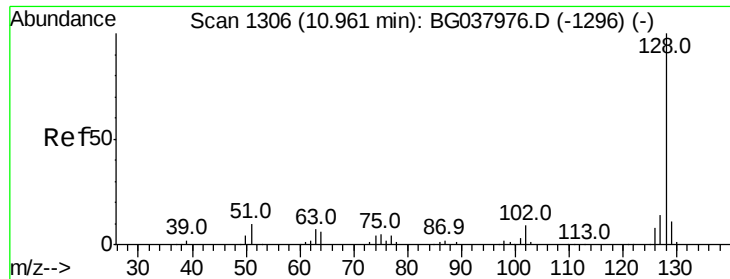
Sohil
11/19/2018 2:13:33 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.092 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.5	77.7	116.5	
145	27.5	23.3	34.9	





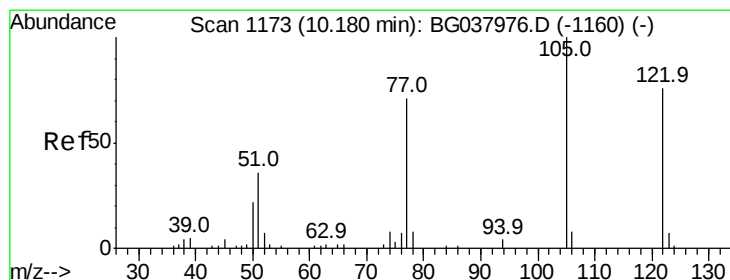
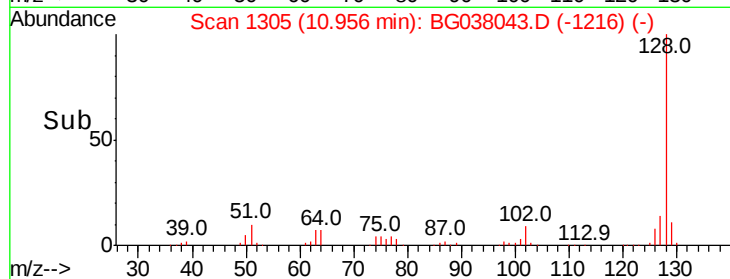
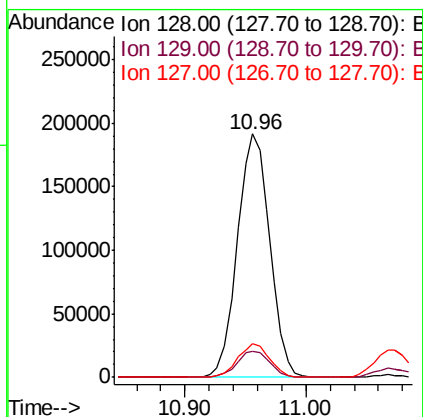
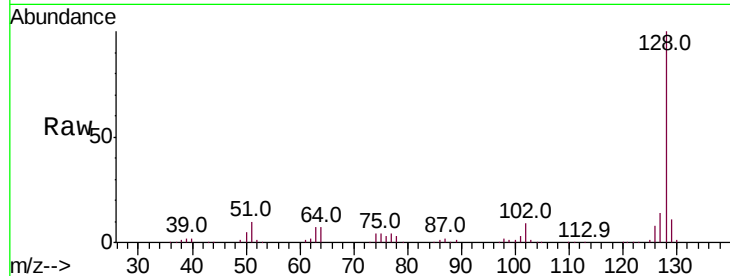
#31
Naphthalene
Concen: 41.746 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	14.0	11.1	16.7

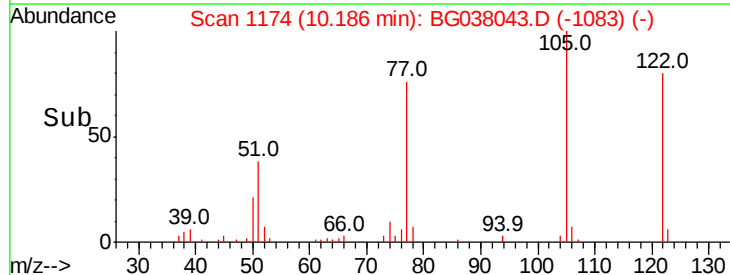
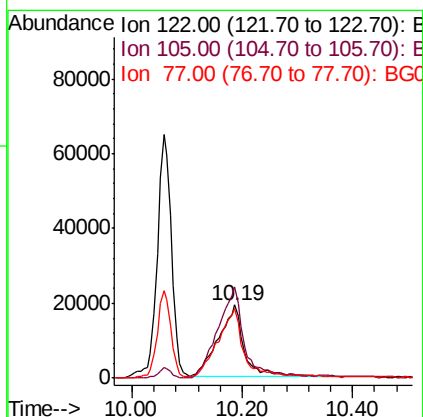
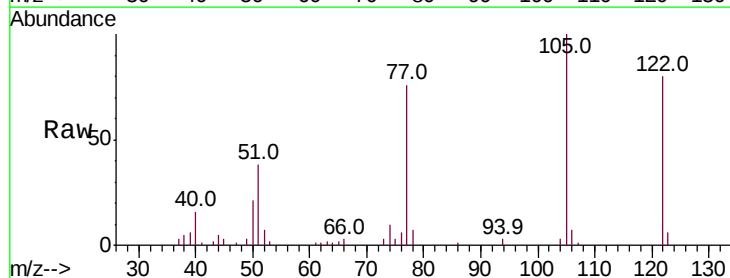
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#32
Benzoic acid
Concen: 41.409 ng m
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	106.7	146.7
77	95.3	72.2	112.2





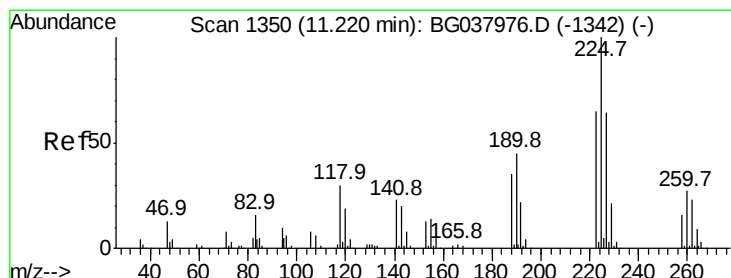
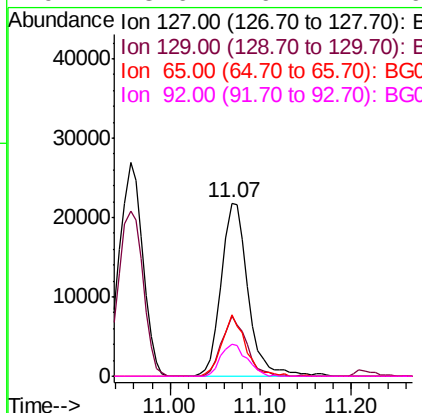
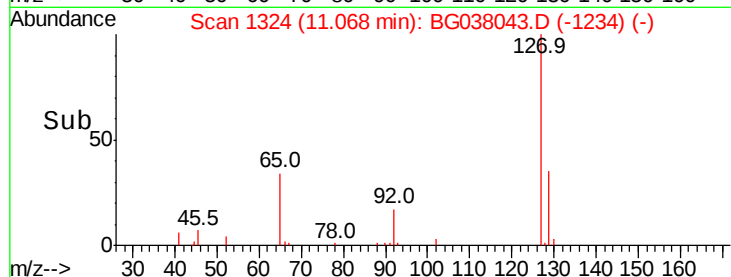
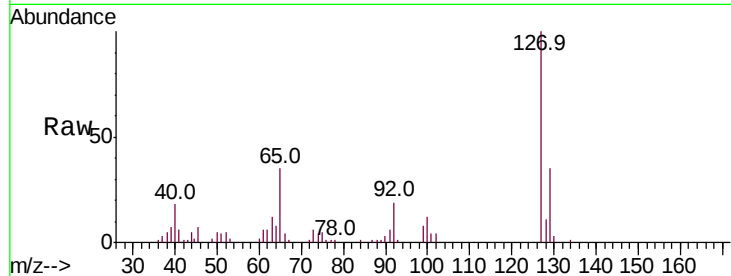
#33
4-Chloroaniline
Concen: 11.285 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.6	27.1	40.7
65	35.2	26.6	39.8
92	18.6	16.4	24.6

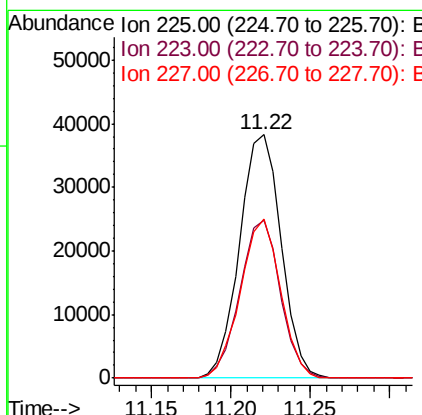
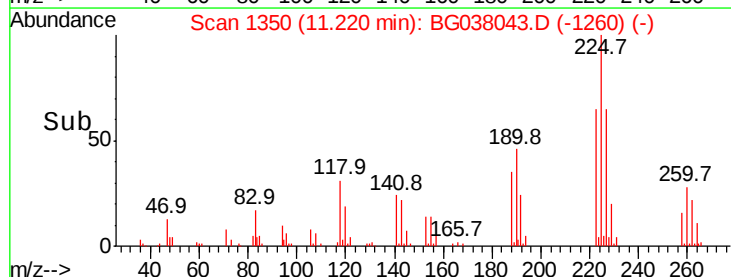
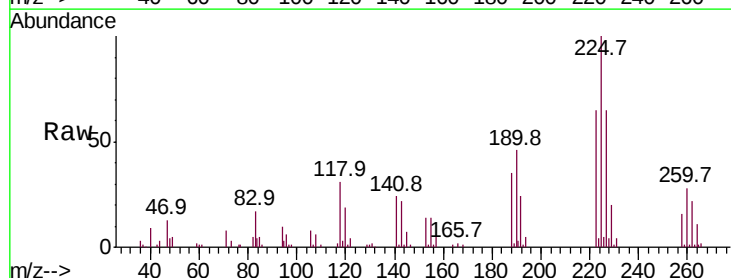
Manual Integrations
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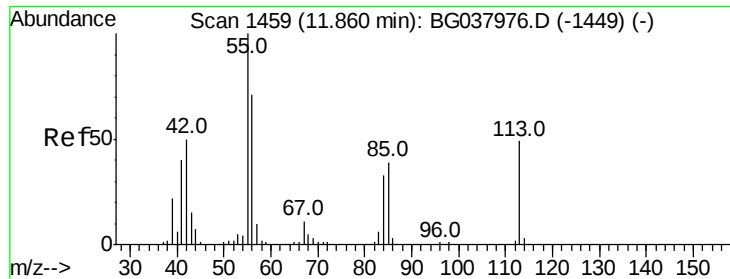
Sohil
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#34
Hexachlorobutadiene
Concen: 35.921 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	65.8	51.6	77.4





#35

Caprolactam

Concen: 38.349 ng/mL

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

ClientSampleID :

PB114870BS

Tot Ion:113 Resp: 43211

Ion Ratio Lower Upper

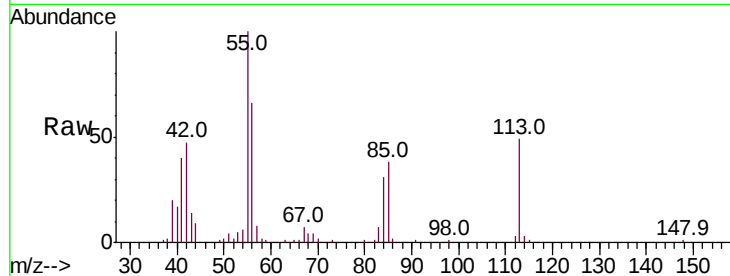
113 100

55 204.9 176.6 216.6

56 136.1 128.3 168.3

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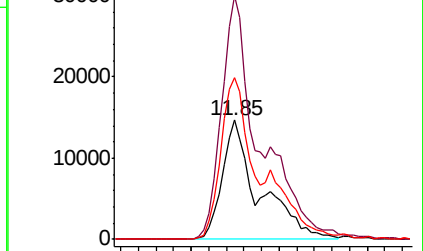
Sohil
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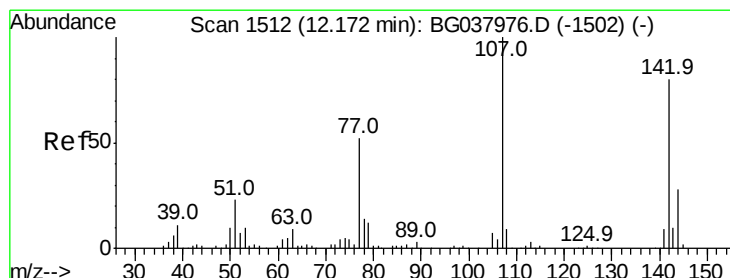
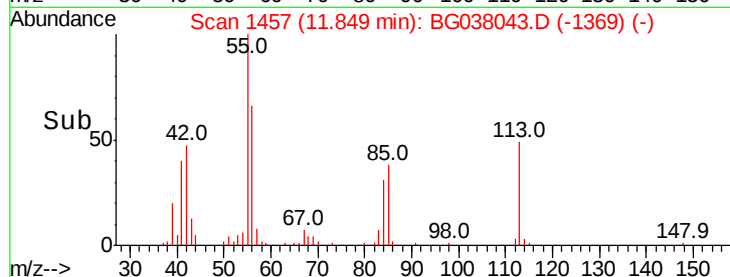
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



Time-->



#36

4-Chloro-3-methylphenol

Concen: 42.355 ng/mL

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

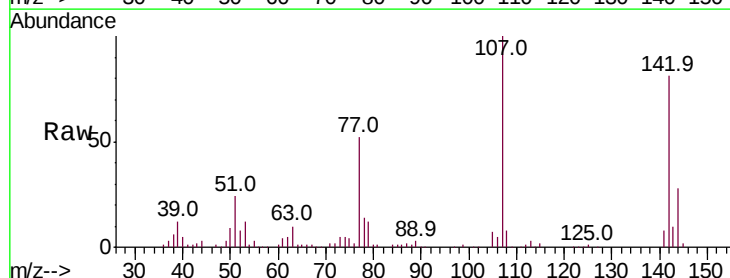
Tgt Ion:107 Resp: 130264

Ion Ratio Lower Upper

107 100

144 28.3 20.7 31.1

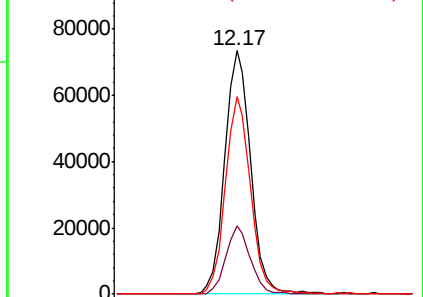
142 81.2 64.4 96.6



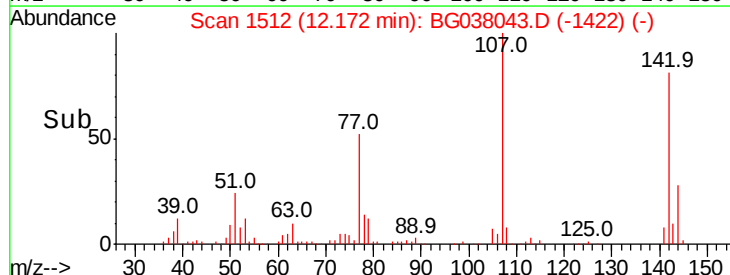
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





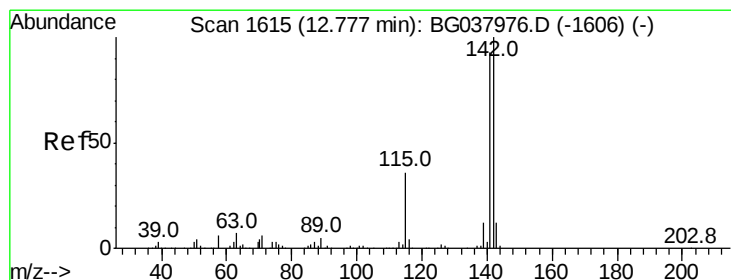
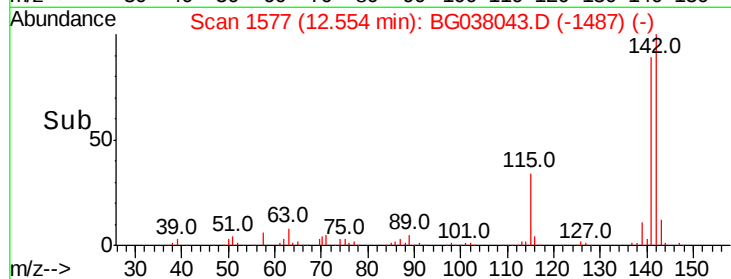
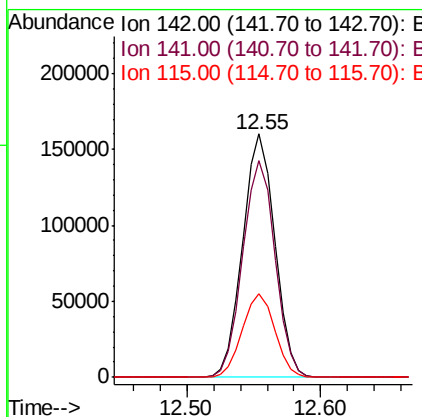
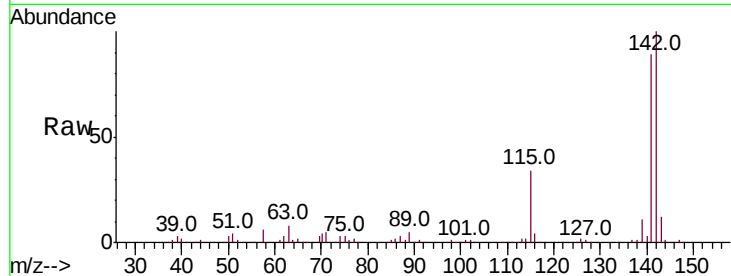
#37
2-Methylnaphthalene
Concen: 43.295 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	34.4	27.8	41.8

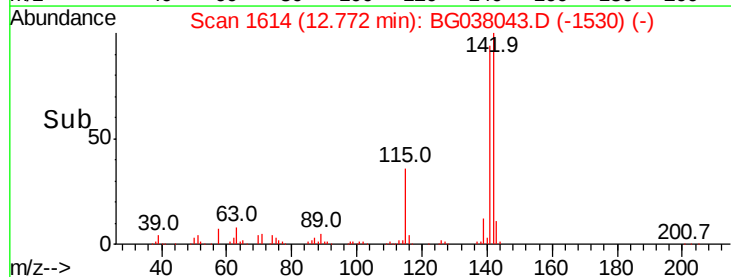
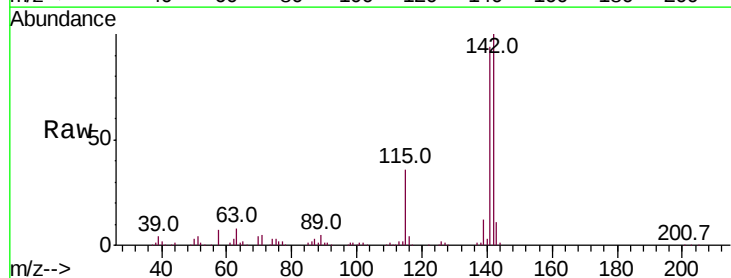
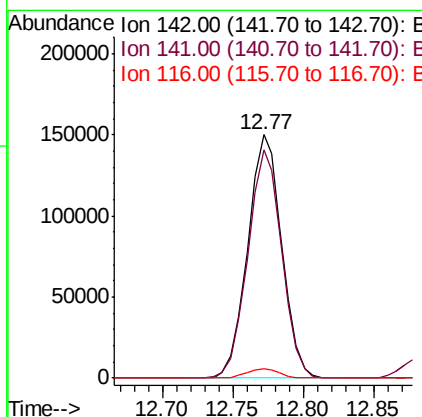
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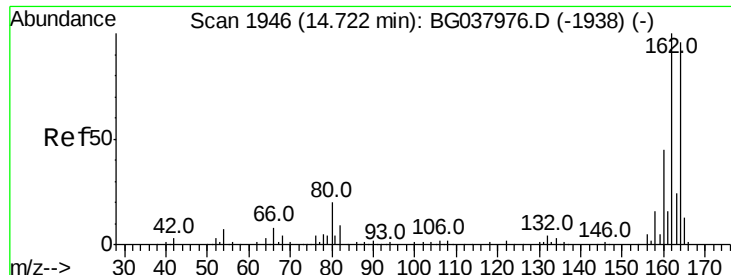
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#38
1-Methylnaphthalene
Concen: 42.607 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8
116	4.0	3.3	4.9





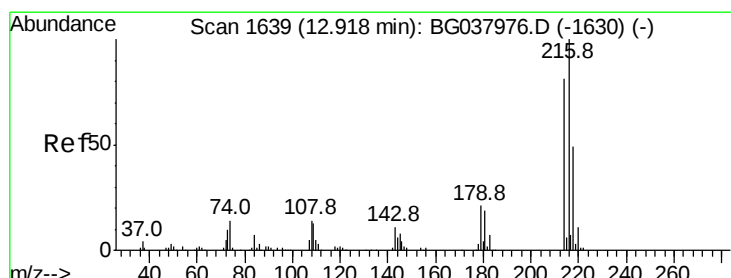
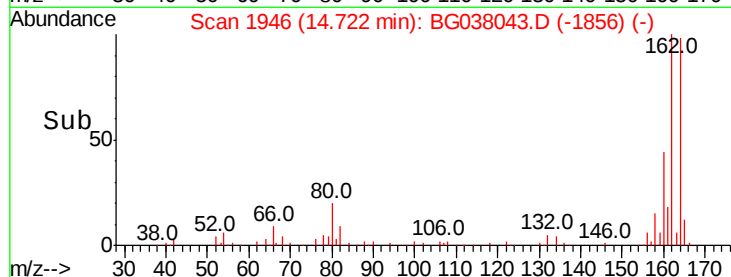
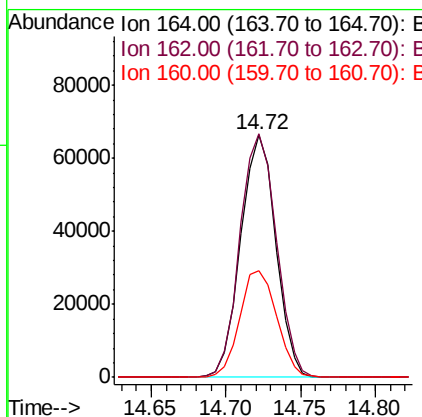
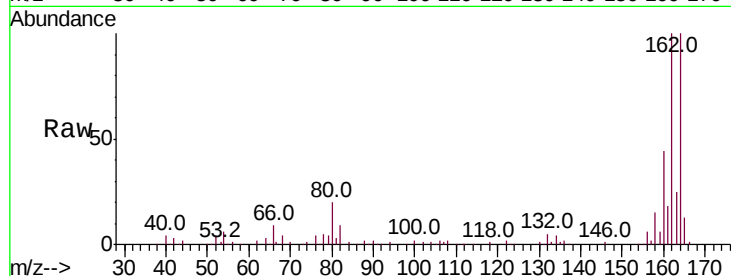
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	43.9	36.3	54.5

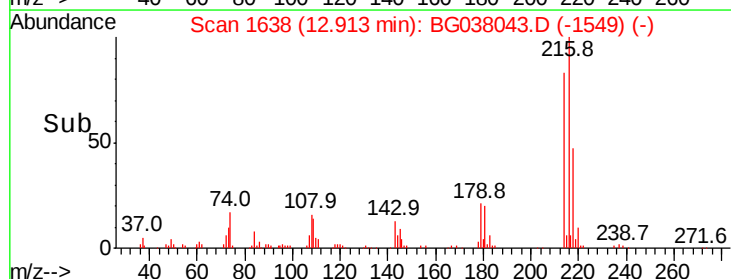
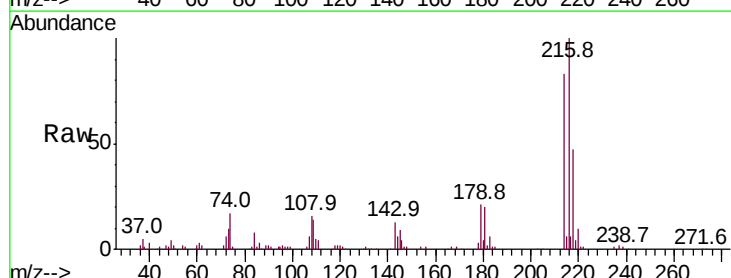
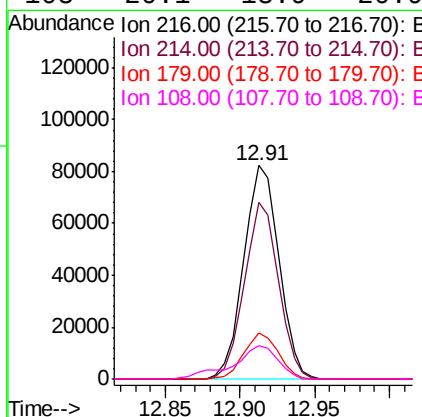
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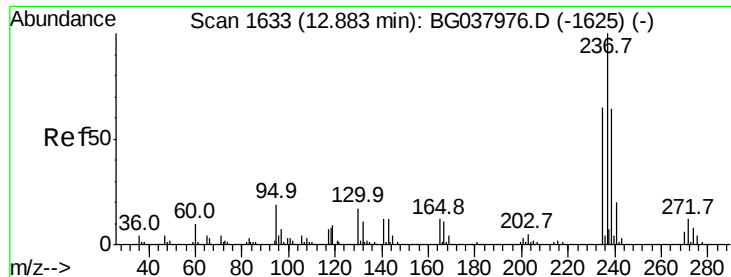
Sohil
11/19/2018 2:13:33 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.007 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.8	95.6
179	21.0	17.4	26.0
108	20.1	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 87.987 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

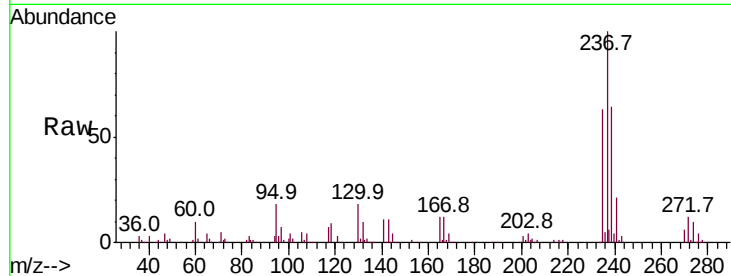
ClientSampleId :

PB114870BS

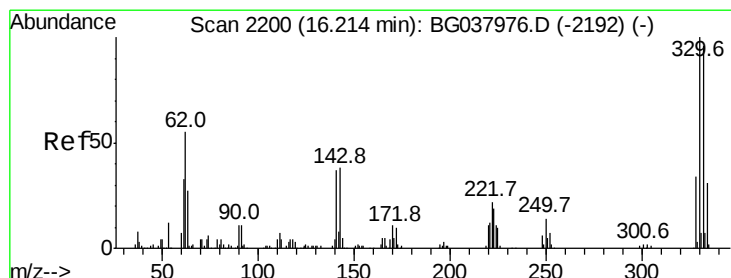
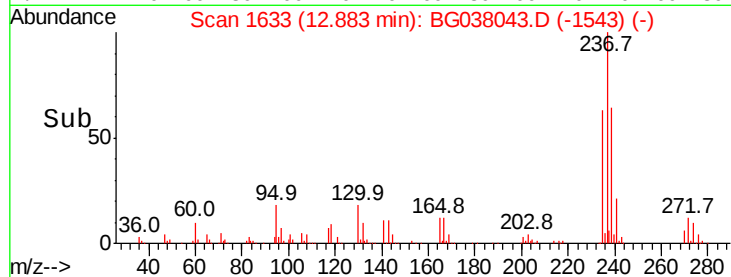
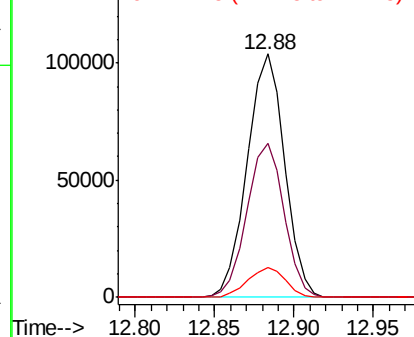
Tot Ion:	237	Resp:	170330
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.5	82.5
272	12.1	0.0	31.6

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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: 115.545 ng

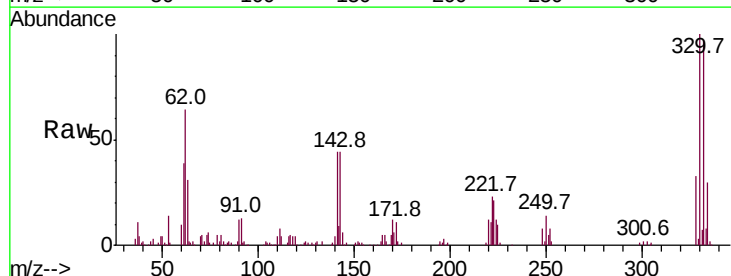
RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

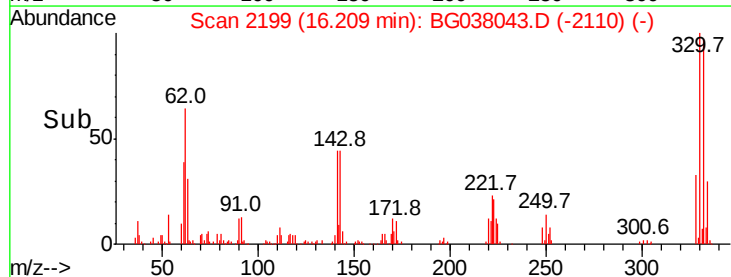
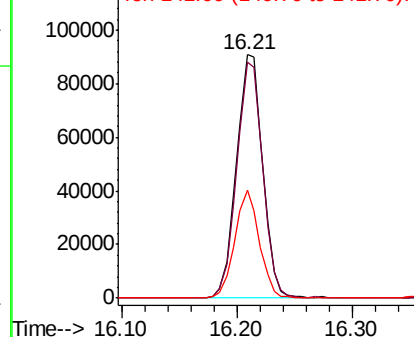
Lab File: BG038043.D

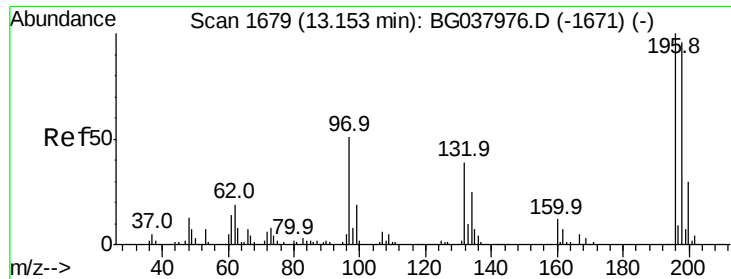
Acq: 16 Nov 2018 21:16

Tgt Ion:	330	Resp:	142567
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.4	117.6
141	41.5	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





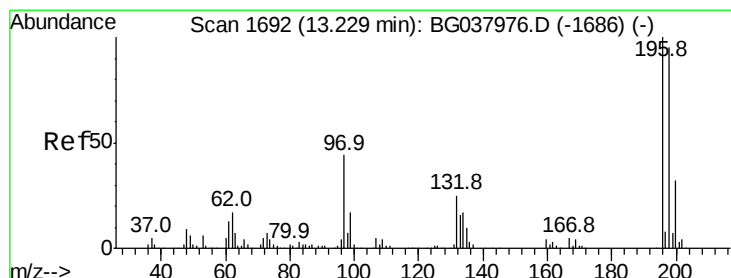
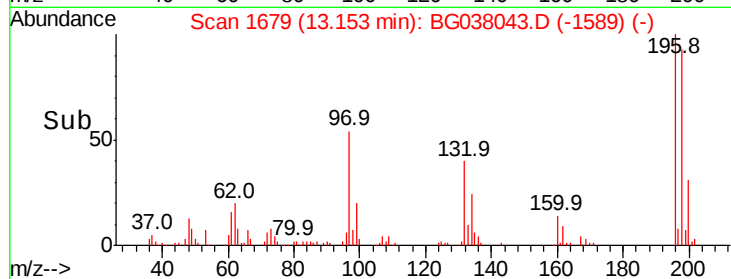
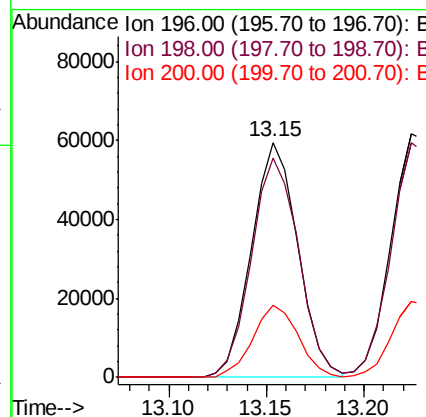
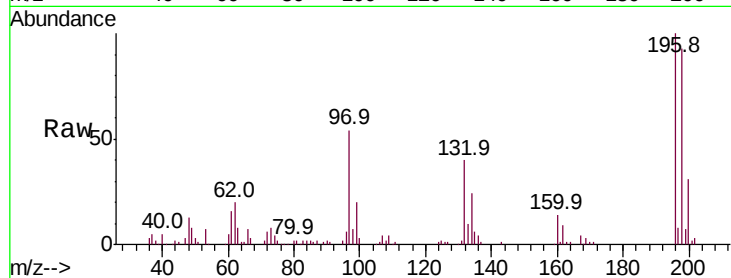
#43
 2,4,6-Trichlorophenol
 Concen: 39.663 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114870BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	97710		
198	93.3	76.4	114.6	
200	30.8	24.9	37.3	

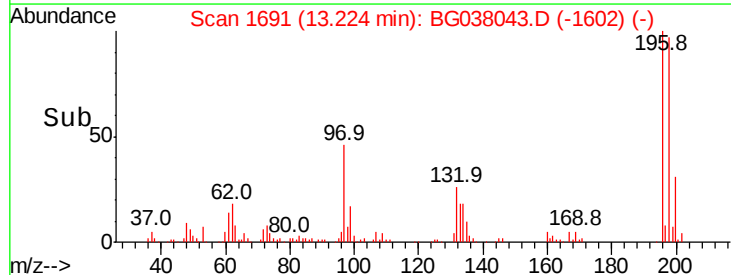
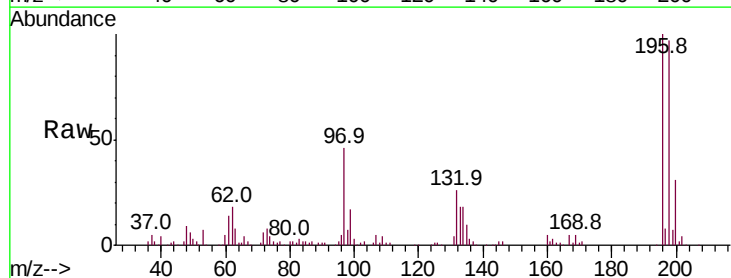
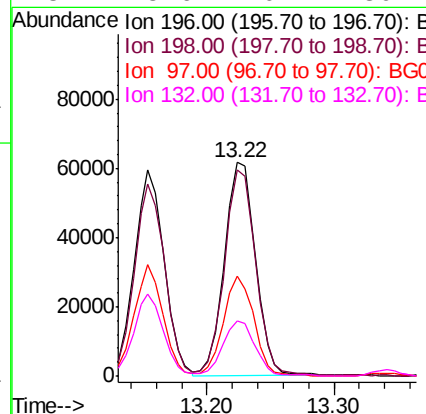
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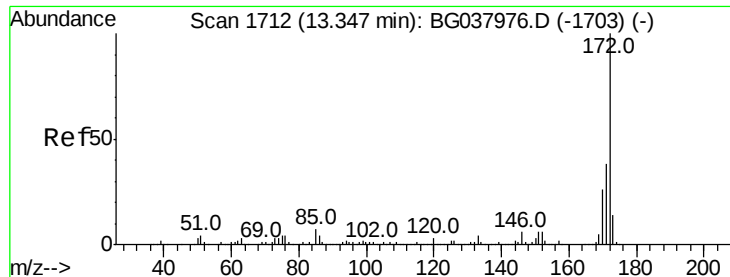
Sohil
 11/19/2018 2:13:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.510 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105006		
198	96.6	74.2	111.2	
97	46.5	34.1	51.1	
132	25.6	20.2	30.4	





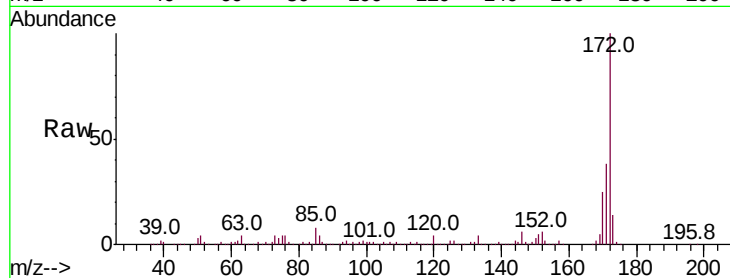
#45
2-Fluorobiphenyl
Concen: 77.103 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	38.1	31.0	46.4	
170	24.8	20.2	30.2	

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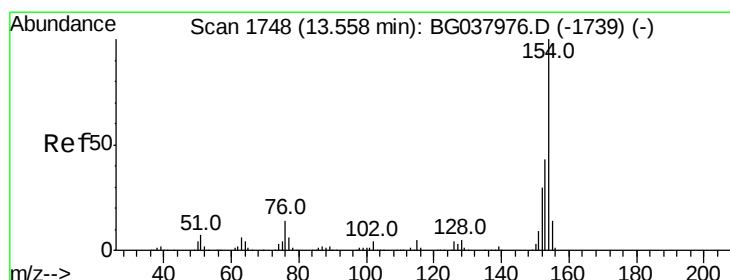
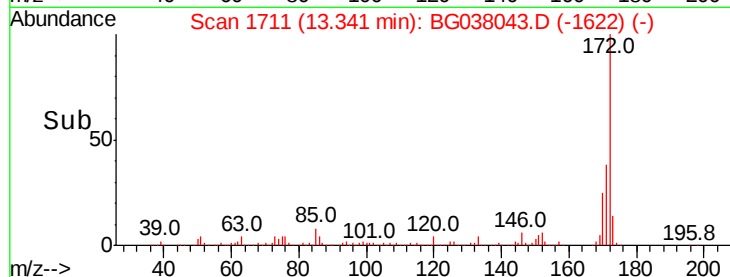
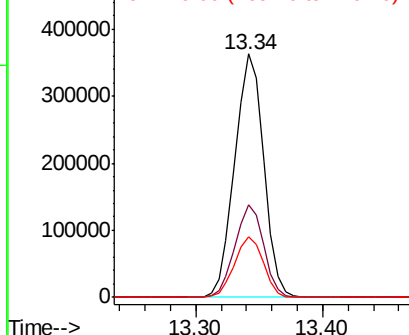


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.342 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

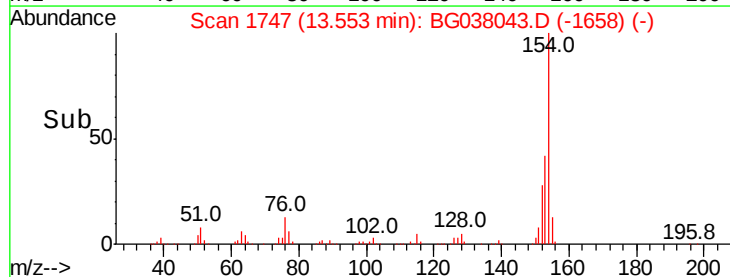
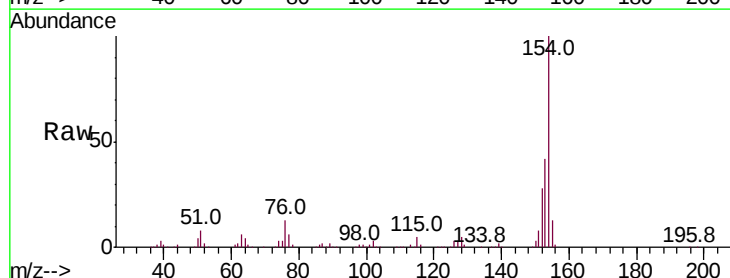
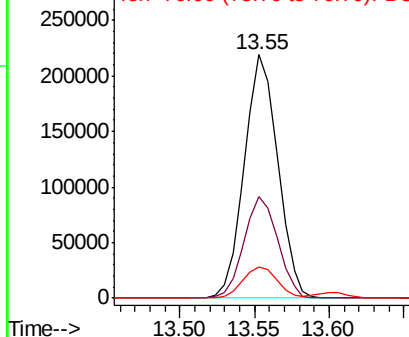
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.8	22.1	62.1	
76	12.7	0.0	33.2	

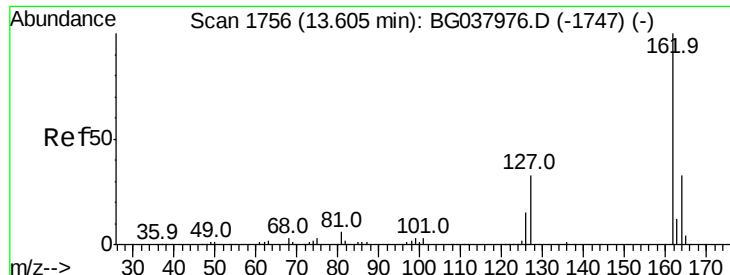
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





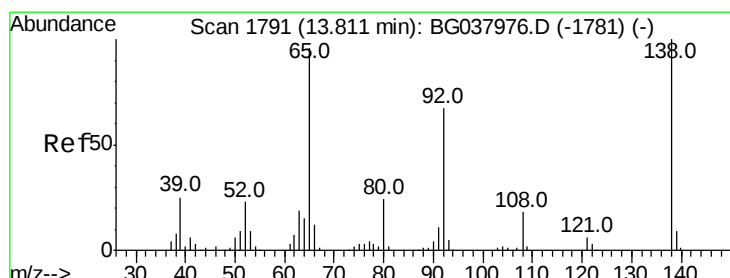
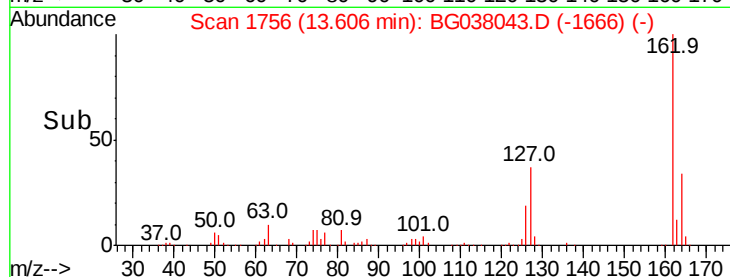
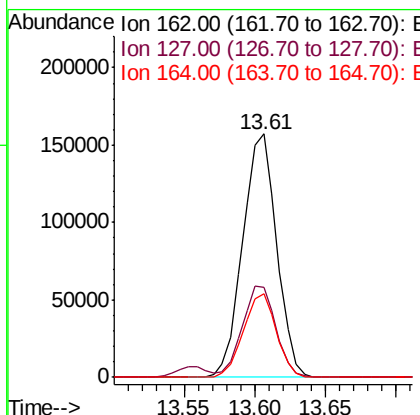
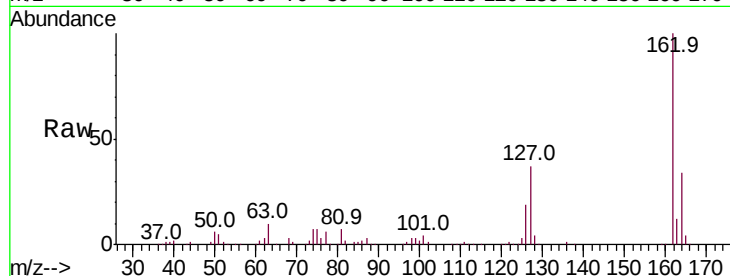
#47
2-Chloronaphthalene
Concen: 38.145 ng
RT: 13.61 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.1	30.5	45.7
164	34.1	26.4	39.6

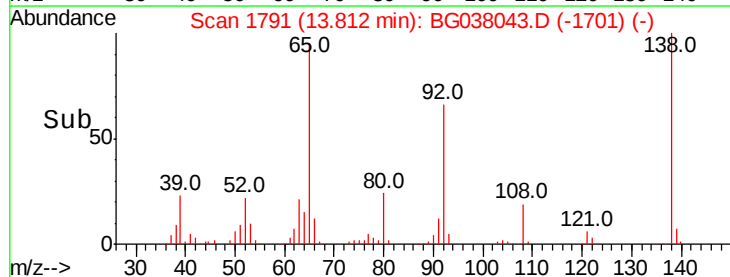
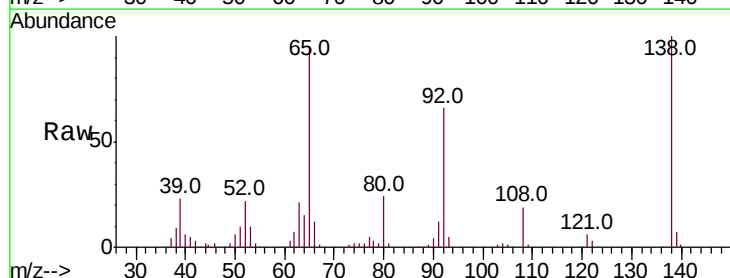
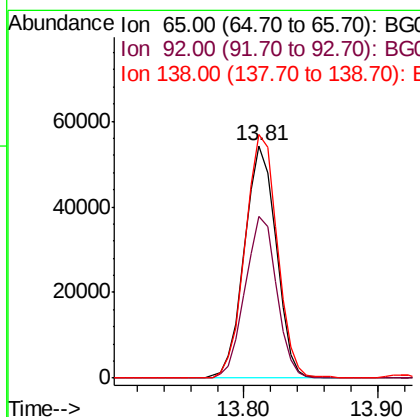
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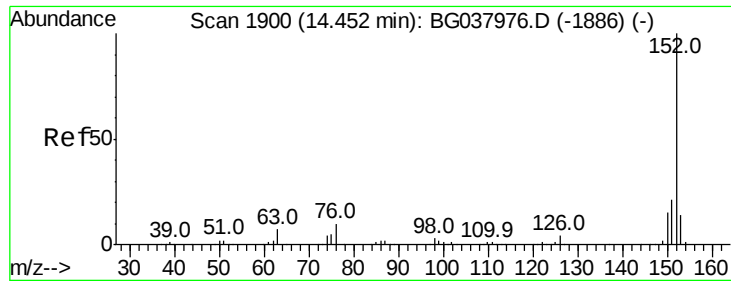
Sohil
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#48
2-Nitroaniline
Concen: 40.844 ng
RT: 13.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.3	53.2	79.8
138	104.7	79.3	118.9





#49

Acenaphthylene

Concen: 43.147 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

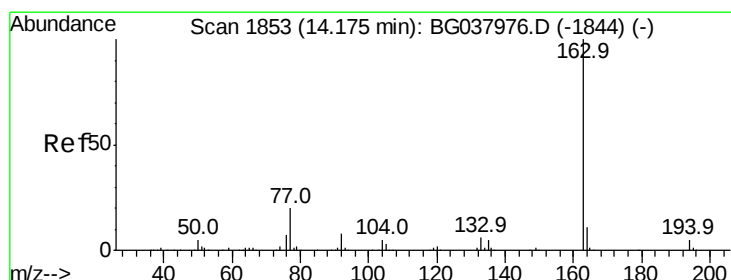
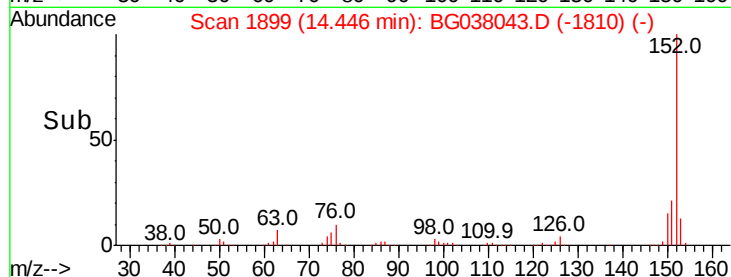
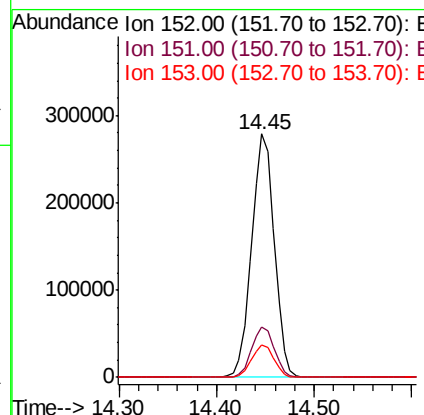
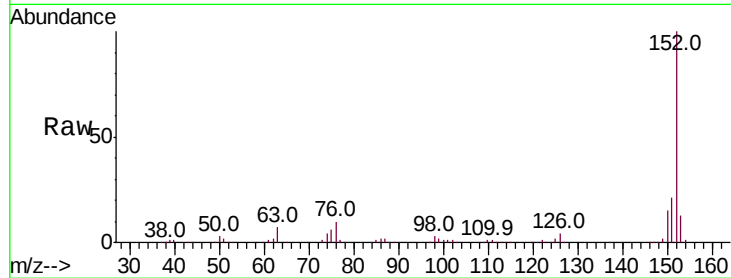
ClientSampleId :

PB114870BS

Tot Ion:	152	Resp:	450012
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.1	25.7
153	13.2	11.1	16.7

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#50

Dimethylphthalate

Concen: 40.552 ng

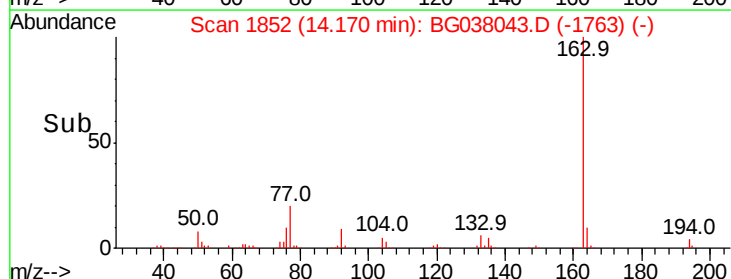
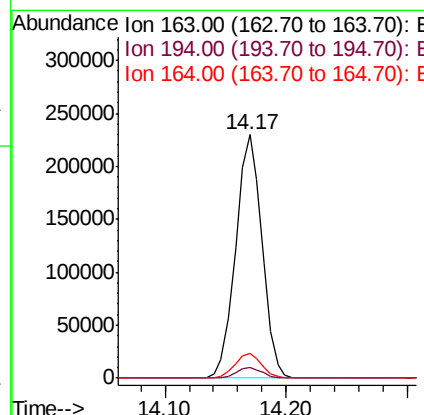
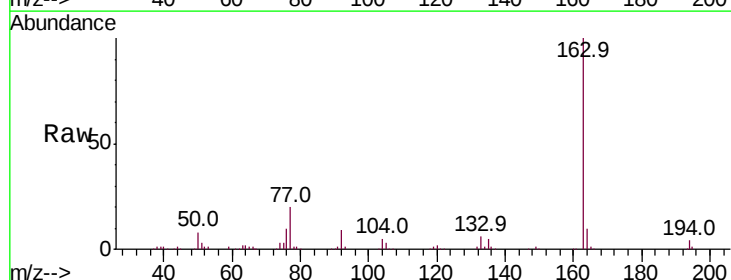
RT: 14.17 min Scan# 1852

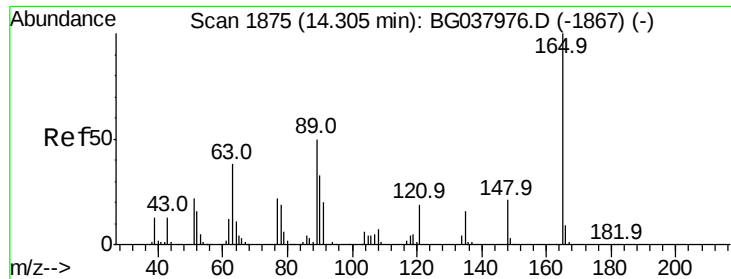
Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	163	Resp:	347810
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.1	8.5	12.7





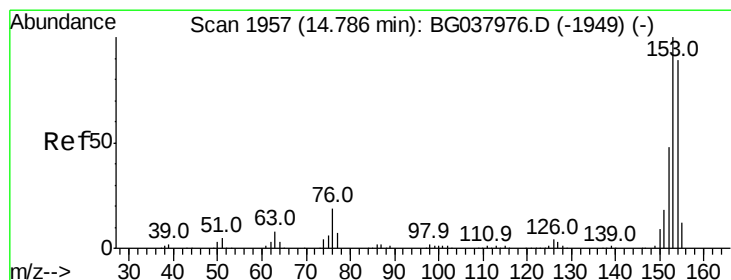
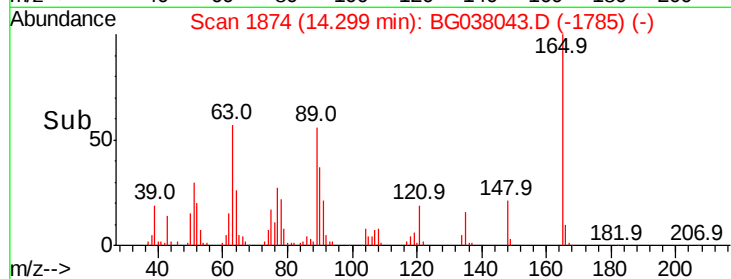
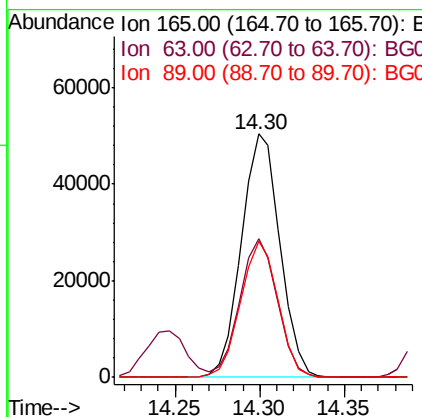
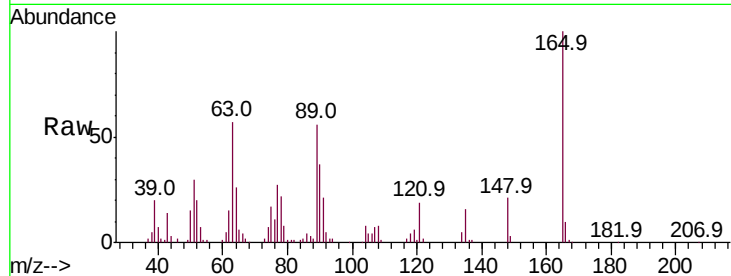
#51
 2,6-Dinitrotoluene
 Concen: 41.141 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114870BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.1	43.4	65.2
89	56.0	45.8	68.6

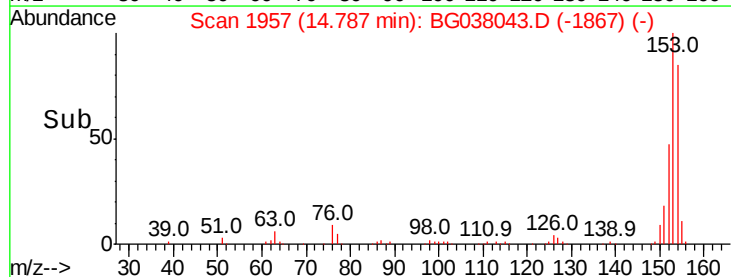
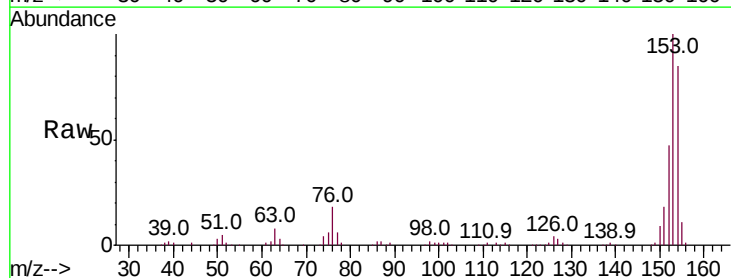
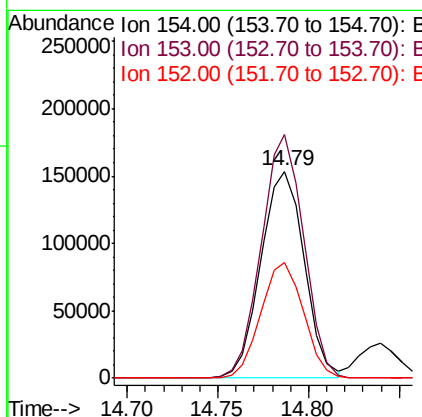
Manual Integrations
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 11/19/2018 2:13:33 PM



#52
 Acenaphthene
 Concen: 40.614 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.9	93.4	140.0
152	55.9	44.7	67.1





#53

3-Nitroaniline

Concen: 16.986 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

ClientSampleId :

PB114870BS

Tot Ion:138 Resp: 36385

Ion Ratio Lower Upper

138 100

108 9.6 11.0 16.6#

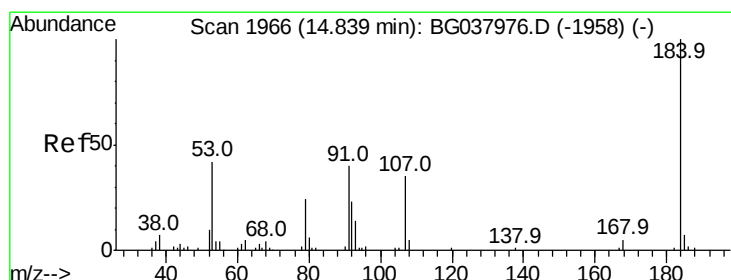
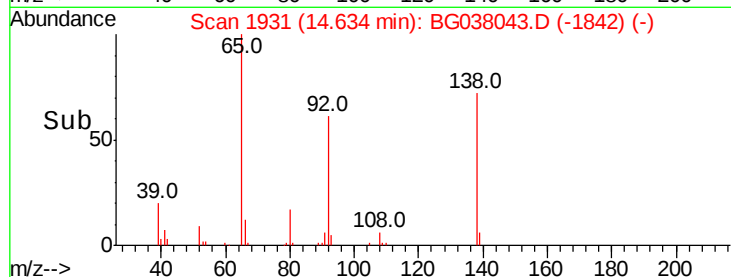
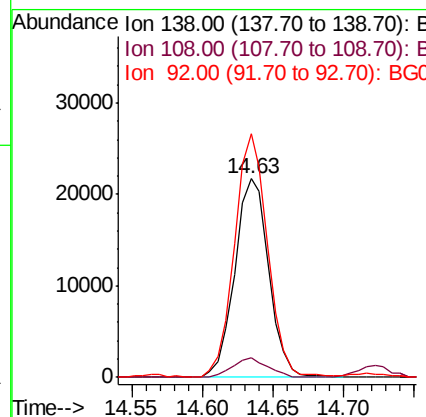
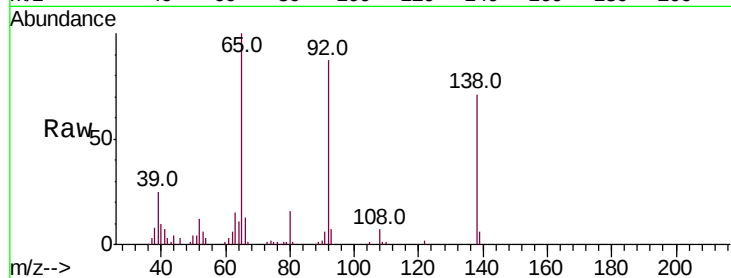
92 122.7 95.2 142.8

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#54

2,4-Dinitrophenol

Concen: 74.300 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

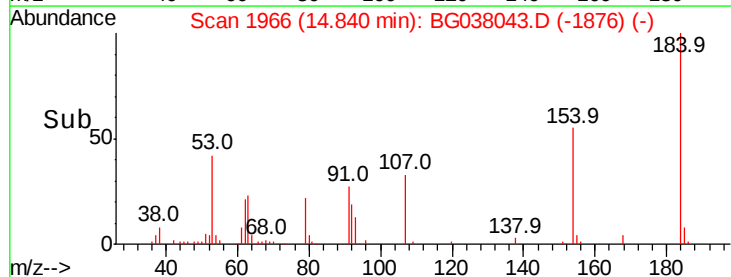
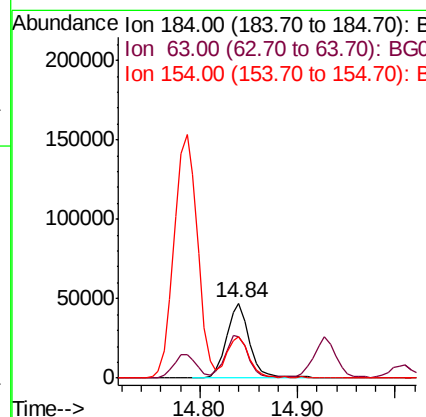
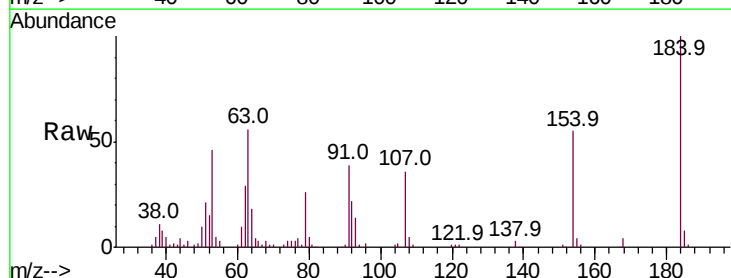
Tgt Ion:184 Resp: 77058

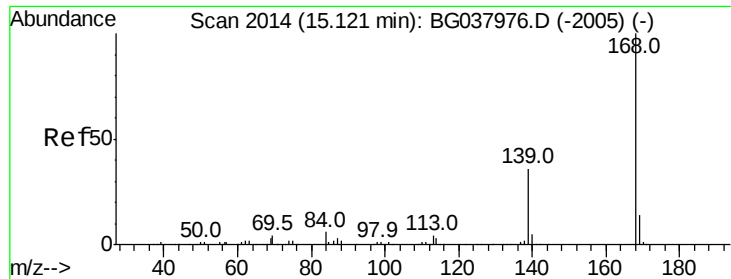
Ion Ratio Lower Upper

184 100

63 55.7 42.6 63.8

154 54.8 41.8 62.6





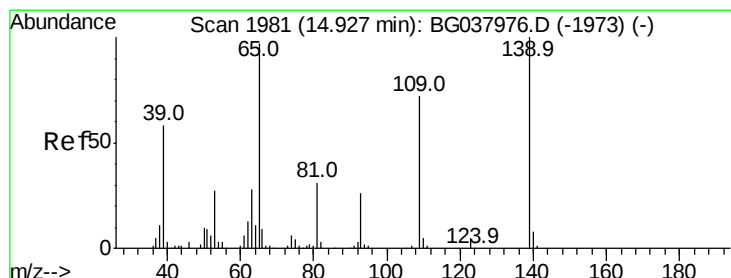
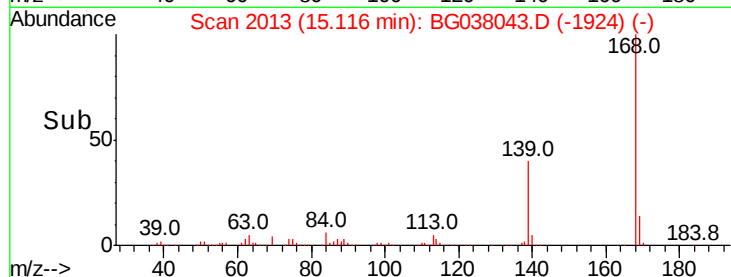
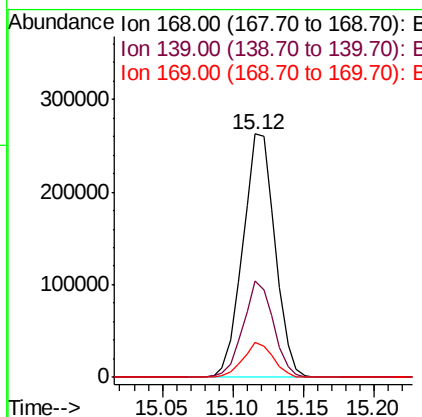
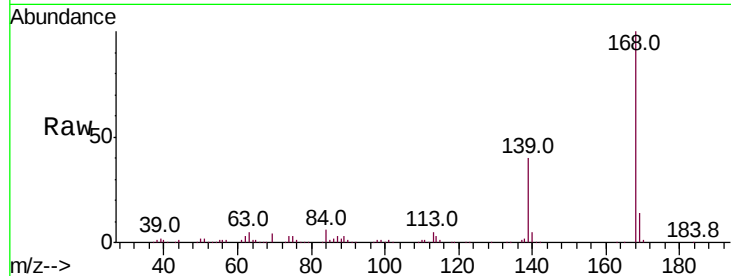
#55
Dibenzofuran
Concen: 40.413 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.4	44.0
169	14.1	11.0	16.6

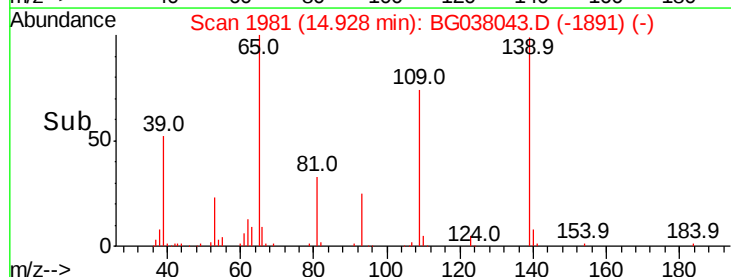
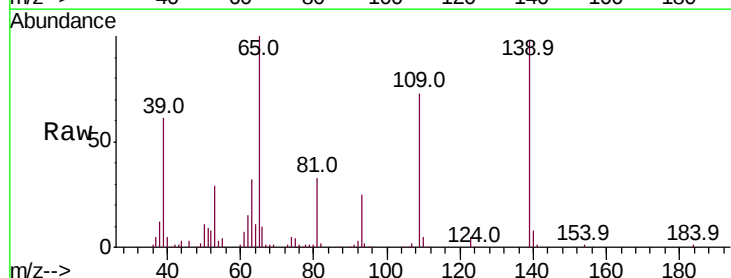
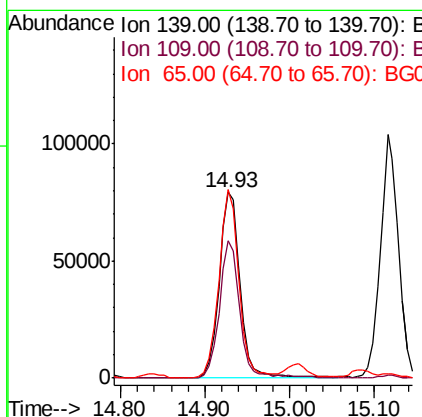
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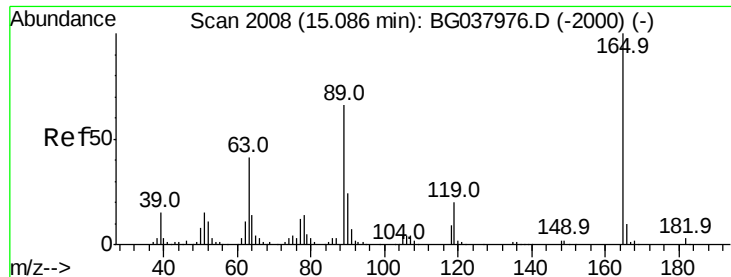
Sohil
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#56
4-Nitrophenol
Concen: 82.768 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.1	49.5	89.5
65	101.7	76.8	116.8





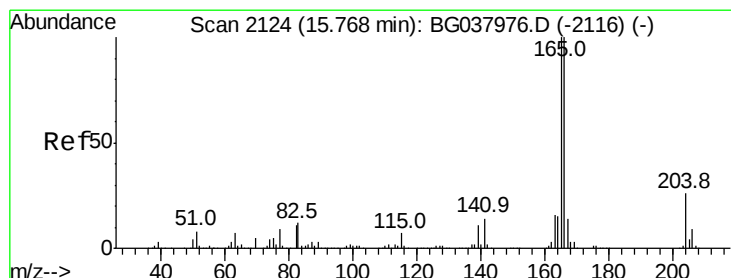
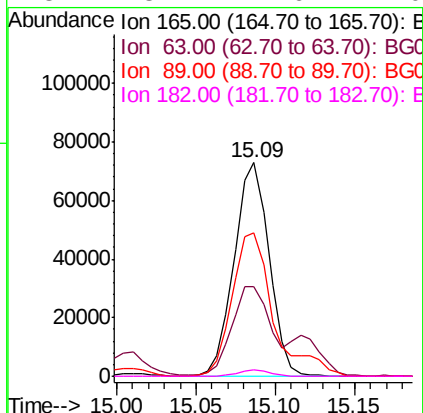
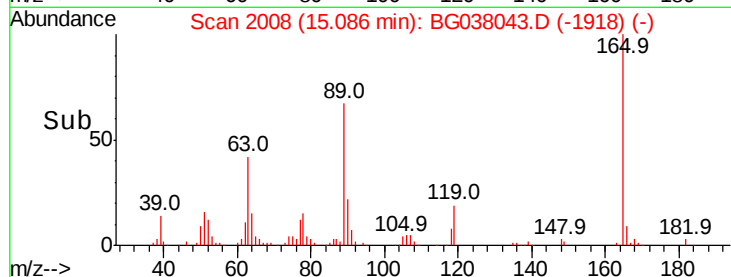
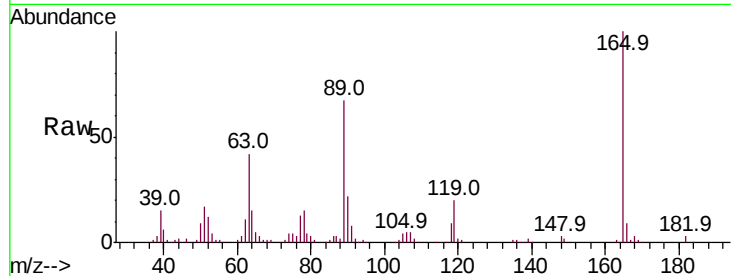
#57
 2,4-Dinitrotoluene
 Concen: 42.223 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Instrument :
 BNA_G
 ClientSampleID :
 PB114870BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	111519		
63	41.9	33.4	50.0	
89	67.4	57.2	85.8	
182	3.2	2.6	4.0	

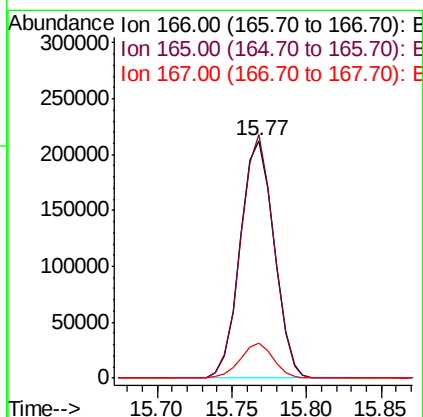
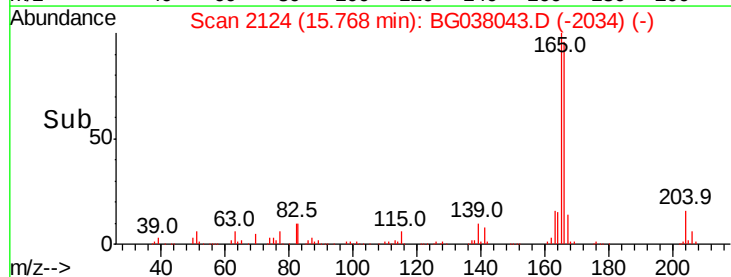
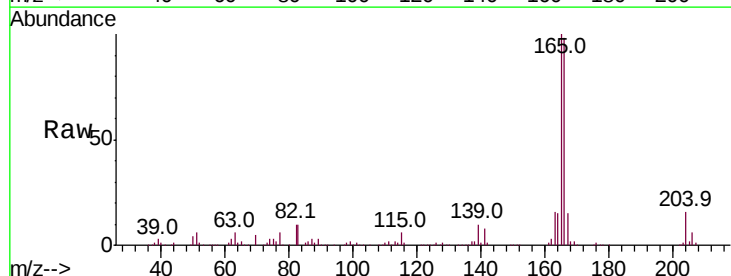
Manual Integrations
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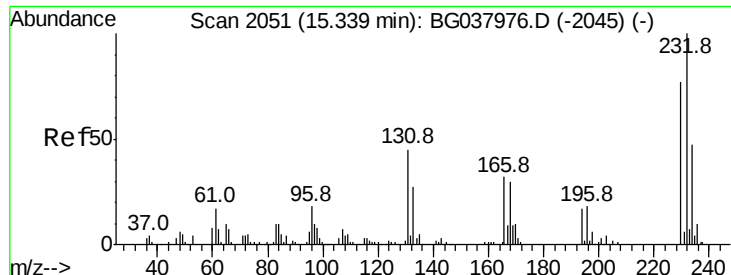
Sohil
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#58
 Fluorene
 Concen: 43.113 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	333982		
165	102.6	79.0	118.6	
167	14.9	11.3	16.9	





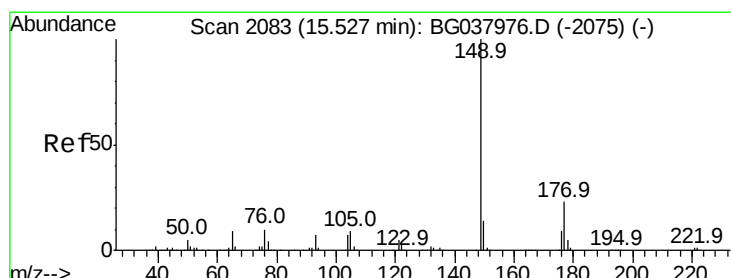
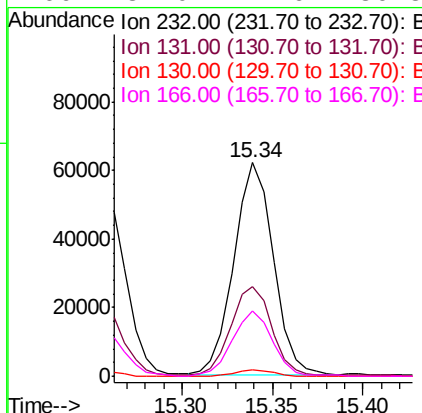
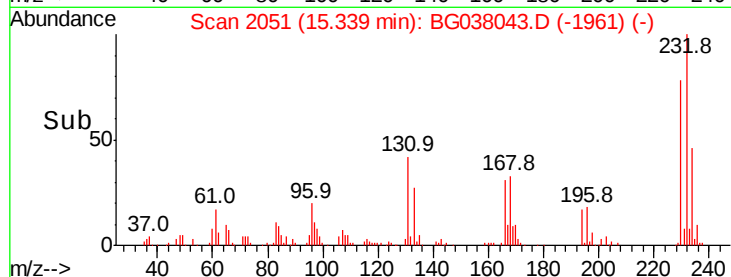
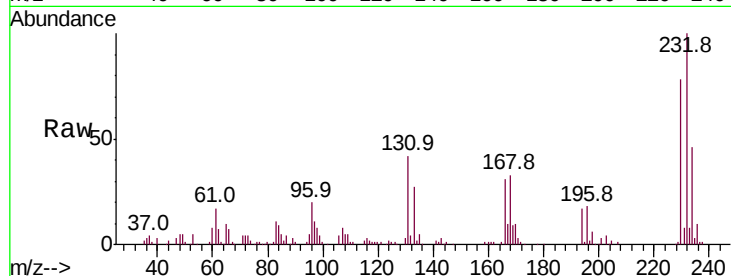
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.391 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114870BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	33.7	50.5
130	2.8	2.1	3.1
166	31.0	24.6	36.8

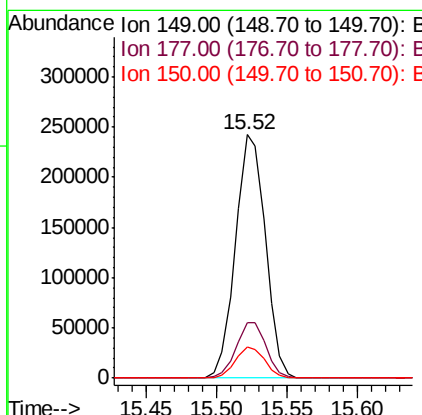
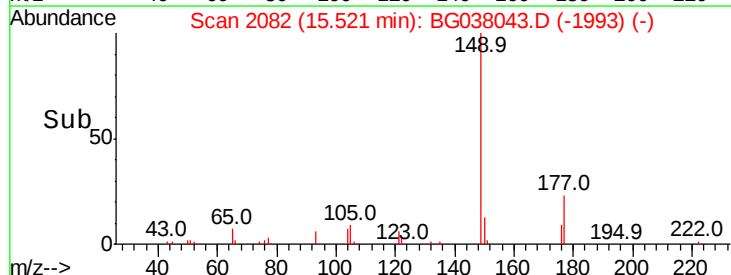
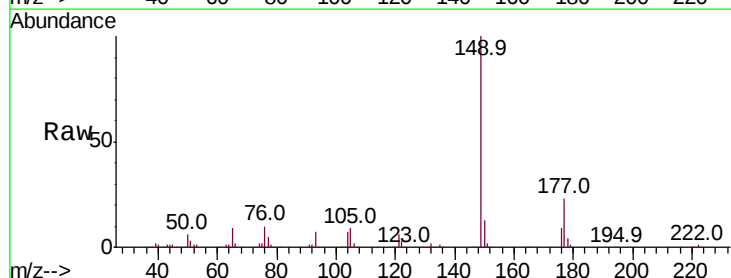
Manual Integrations
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#60
 Diethylphthalate
 Concen: 39.298 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.6	10.0	15.0





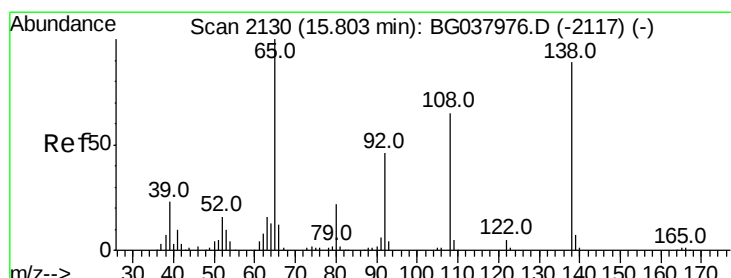
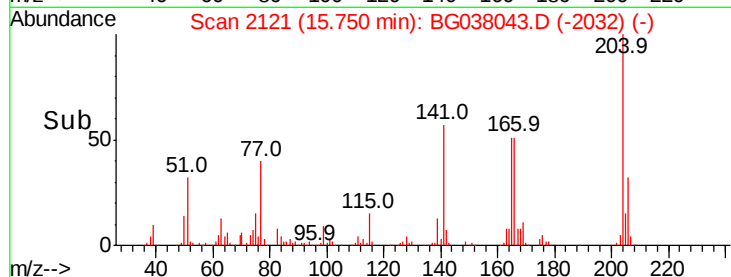
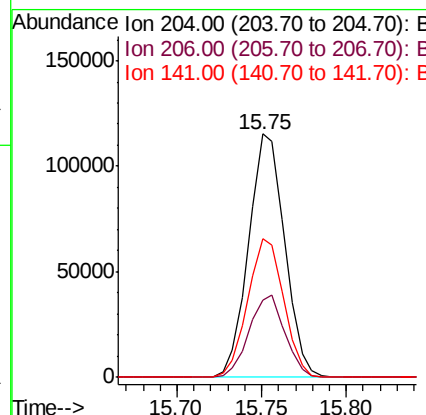
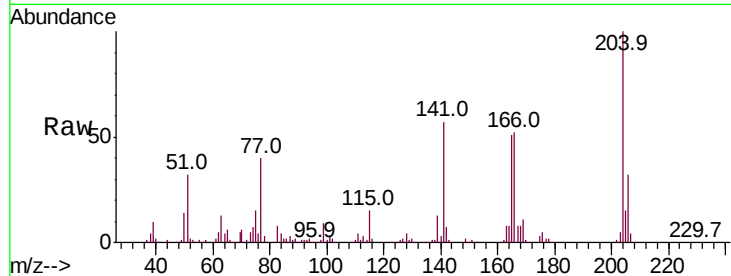
#61
4-Chlorophenyl-phenylether
Concen: 37.905 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	57.0	45.4	68.2

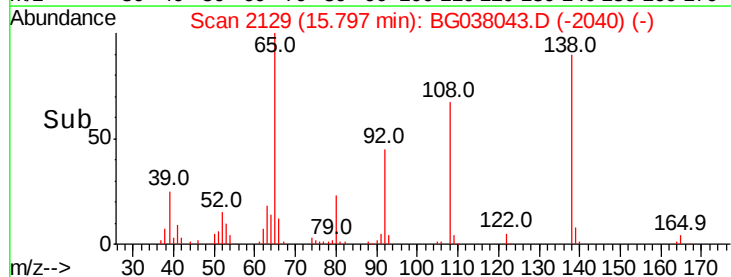
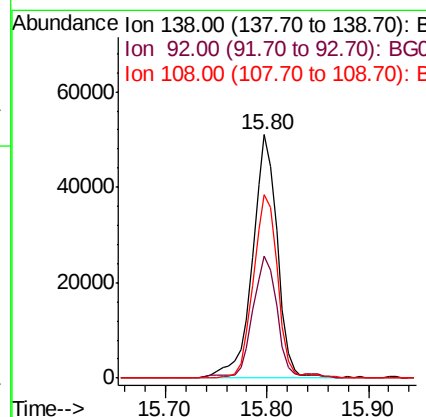
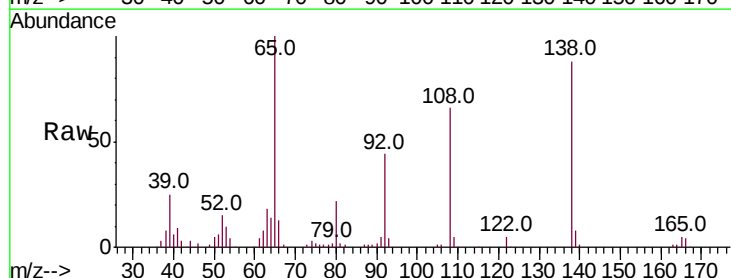
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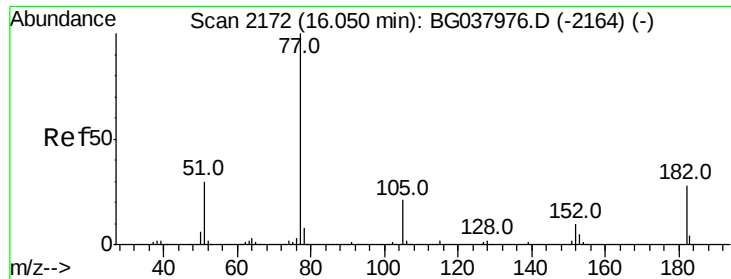
Sohil
11/19/2018 2:13:33 PM



#62
4-Nitroaniline
Concen: 40.658 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	36.4	76.4
108	75.6	60.1	100.1





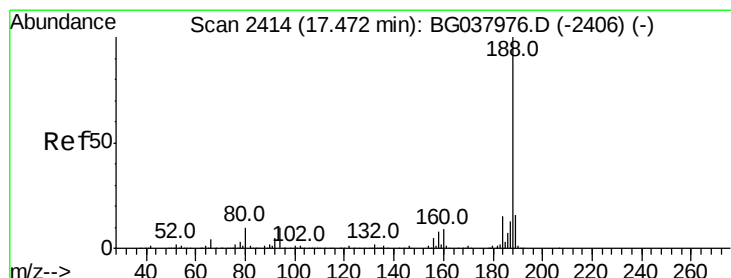
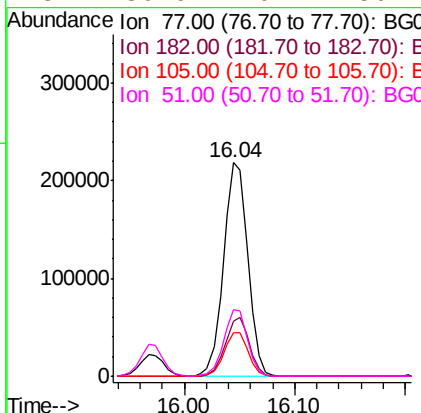
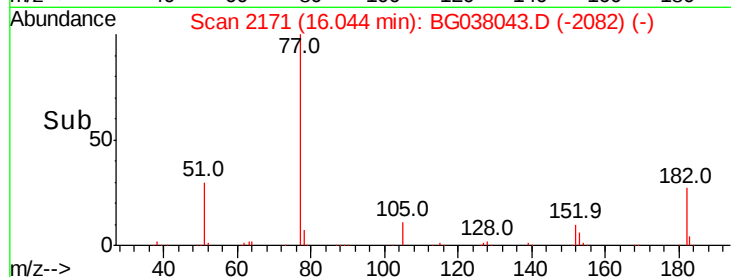
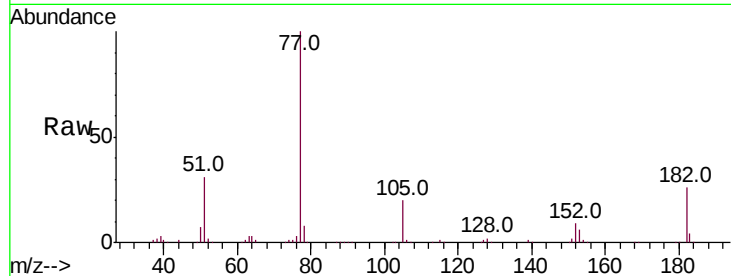
#63
Azobenzene
Concen: 41.139 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.0	48.0
105	20.3	1.3	41.3
51	30.9	10.7	50.7

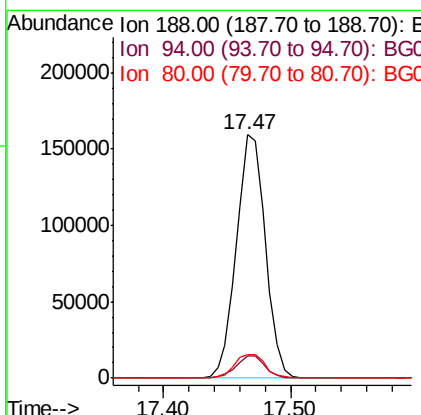
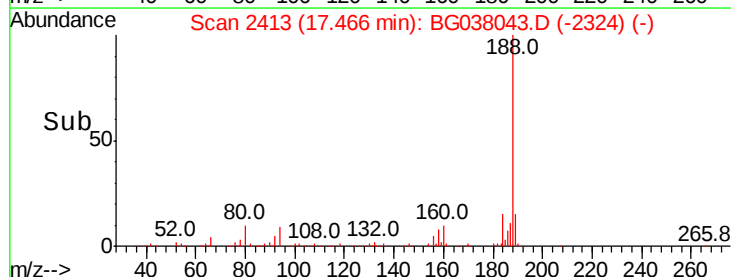
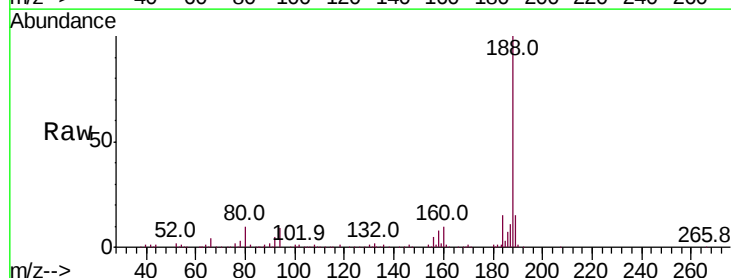
Manual Integrations
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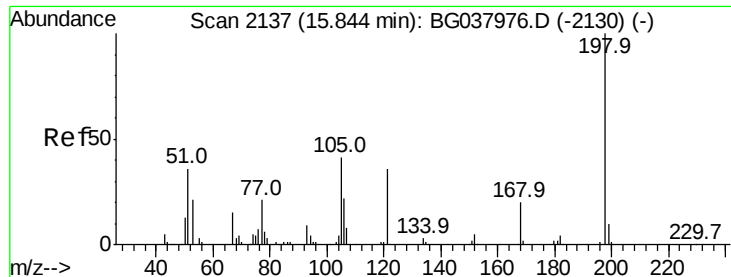
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 37.940 ng

RT: 15.84 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

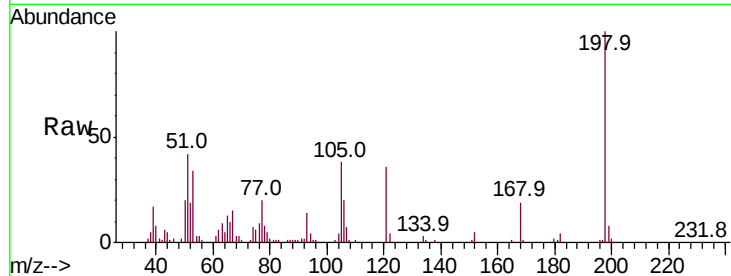
ClientSampleId :

PB114870BS

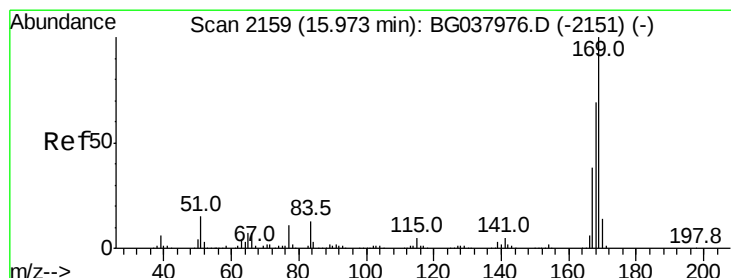
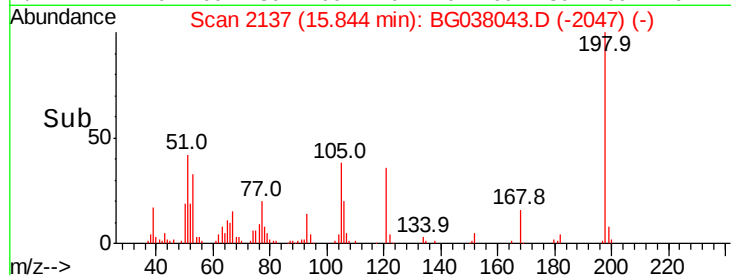
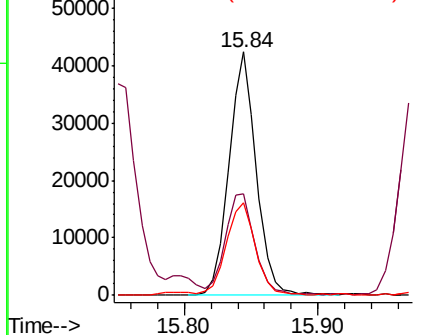
Tot Ion:	198	Resp:	60437
Ion Ratio	Lower	Upper	
198	100		
51	41.9	22.7	62.7
105	38.3	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 39.900 ng

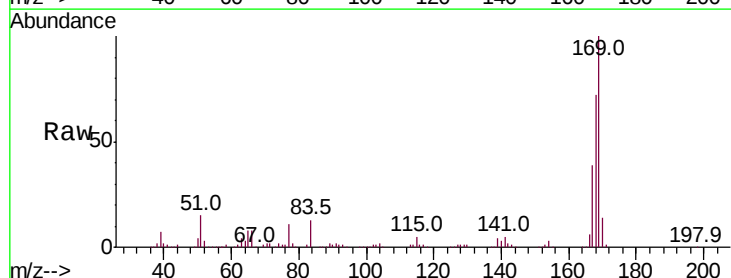
RT: 15.97 min Scan# 2159

Delta R.T. 0.00 min

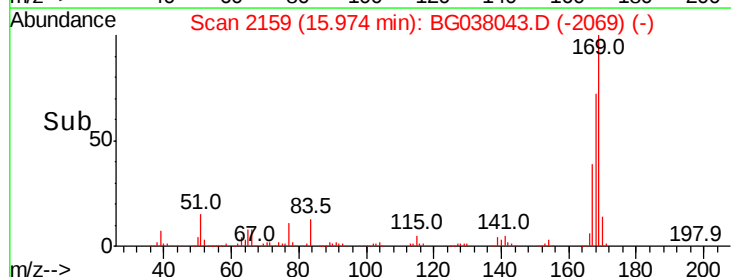
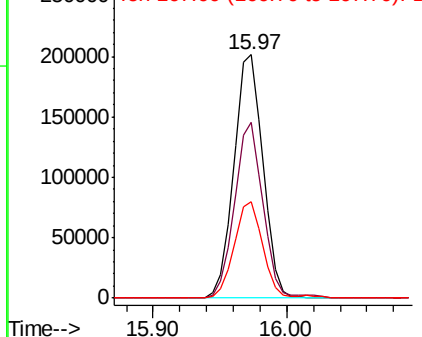
Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	169	Resp:	304002
Ion Ratio	Lower	Upper	
169	100		
168	72.0	55.7	83.5
167	39.4	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





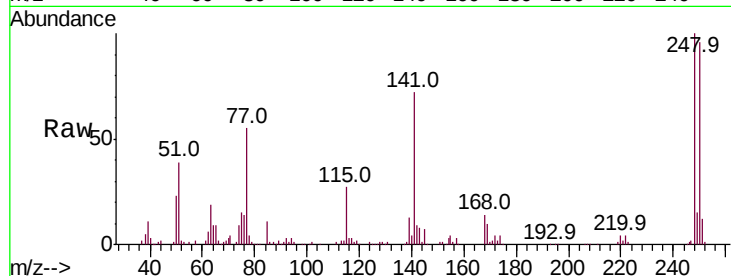
#67
4-Bromophenyl-phenylether
Concen: 39.125 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampled :
PB114870BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.0	115.6
141	71.7	55.5	83.3

Manual Integrations
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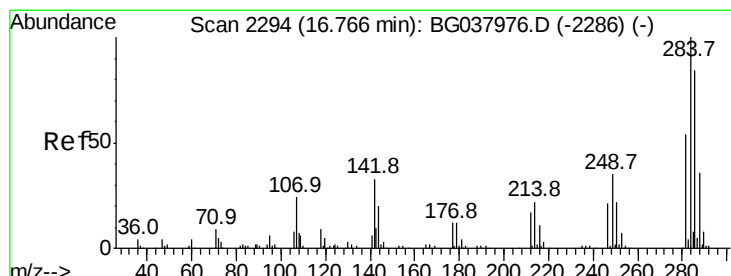
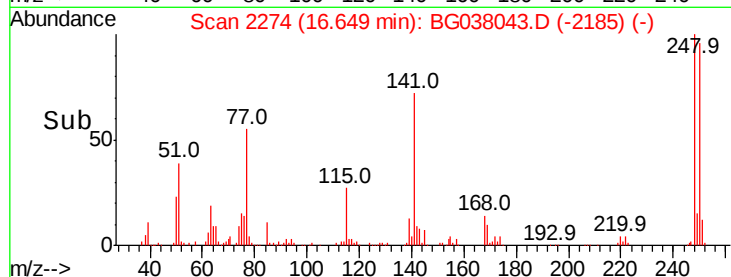
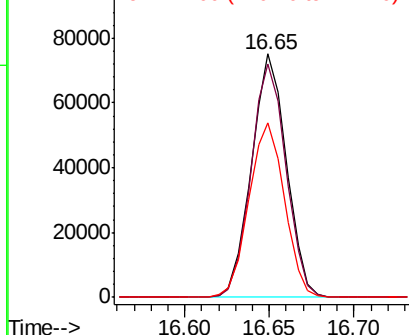


Abundance

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: 39.203 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

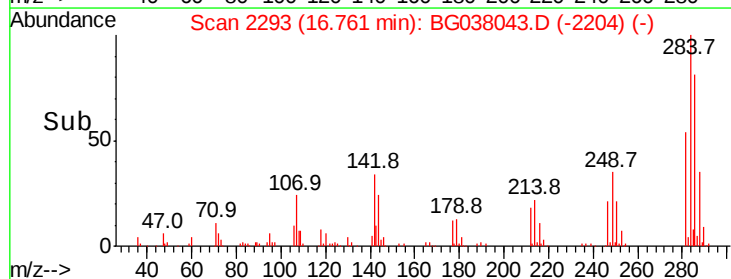
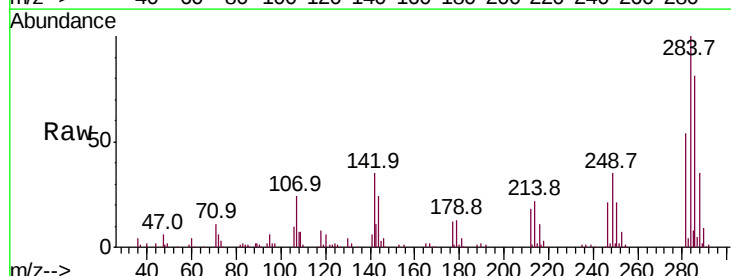
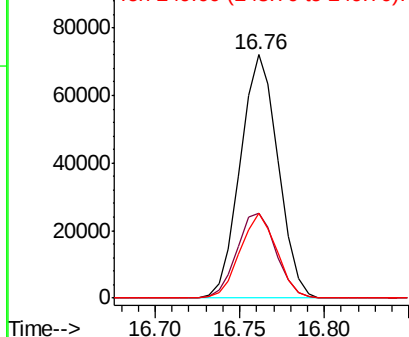
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.1	42.1
249	34.7	29.8	44.8

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





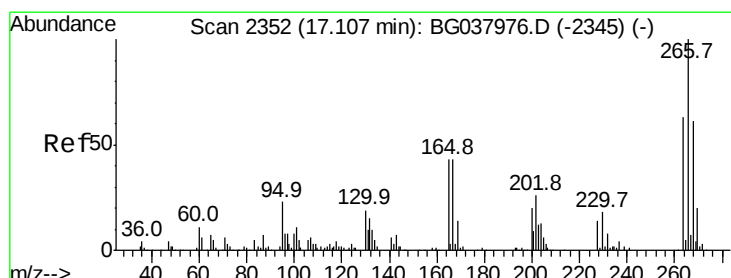
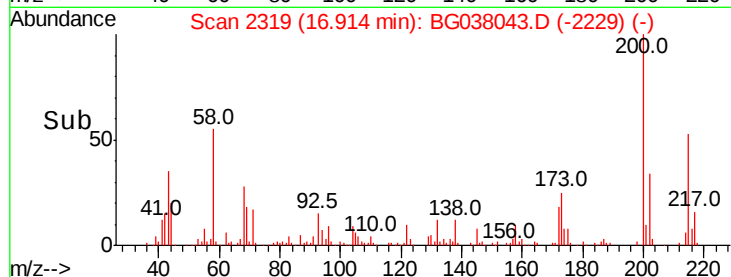
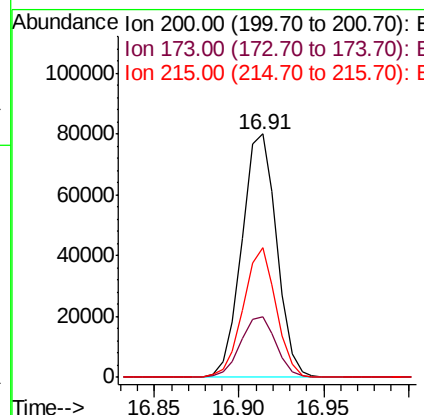
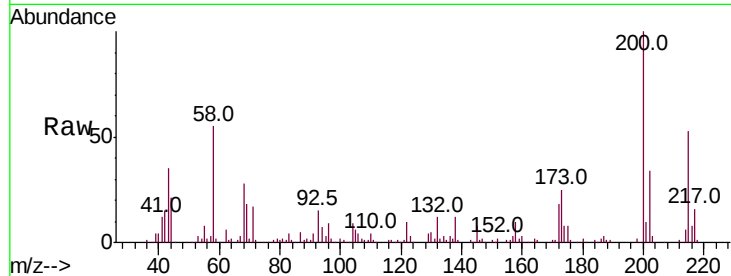
#69
Atrazine
Concen: 40.804 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	6.1	46.1
215	53.4	30.8	70.8

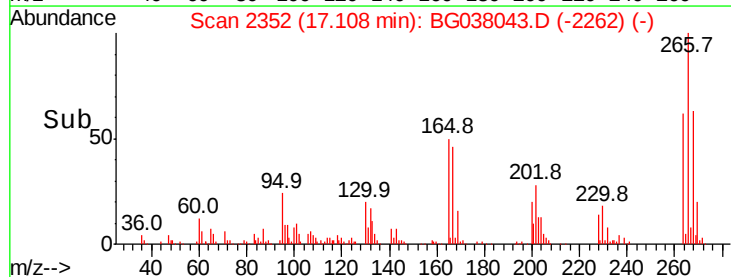
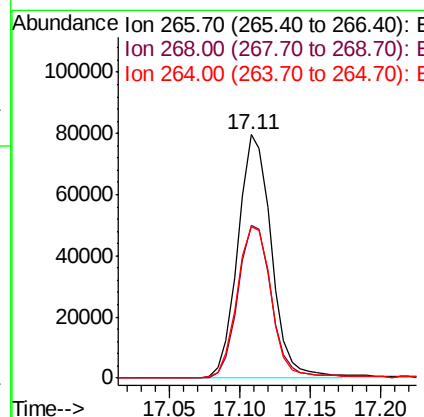
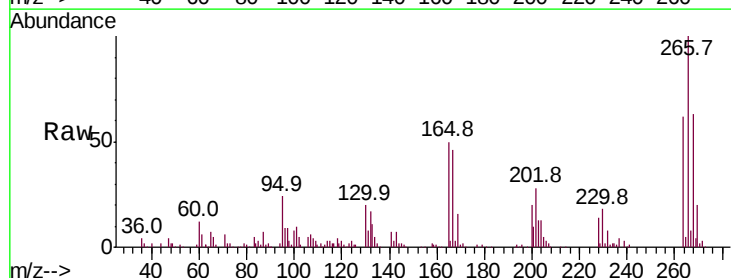
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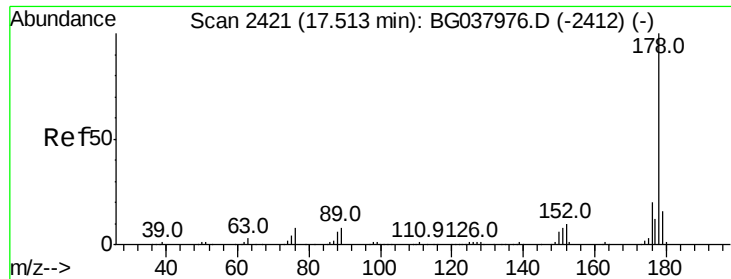
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#70
Pentachlorophenol
Concen: 68.372 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	55.0	82.6
264	67.5	58.9	88.3





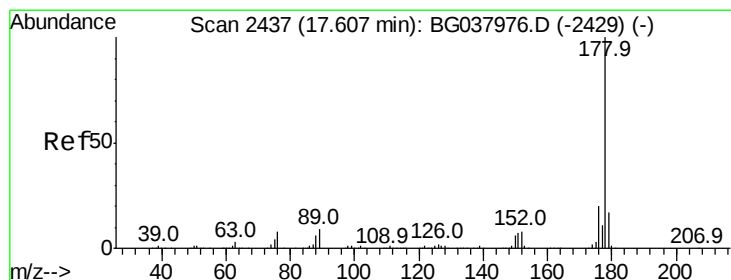
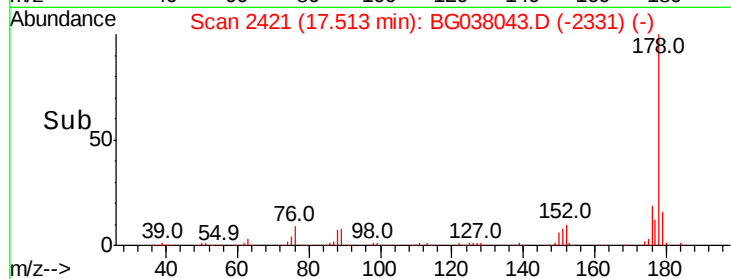
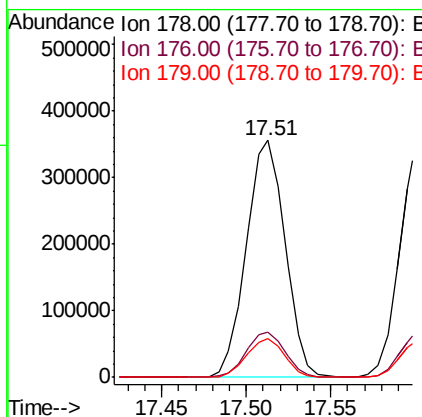
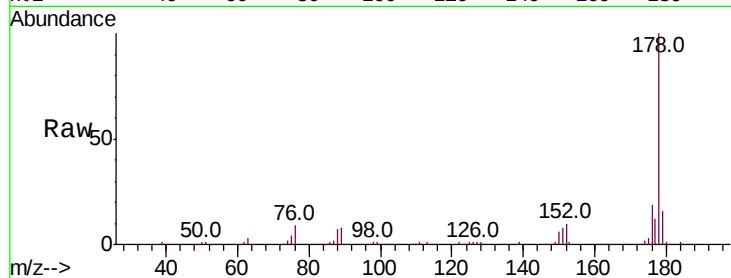
#71
 Phenanthrene
 Concen: 44.067 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114870BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.1	24.1
179	16.4	13.0	19.4

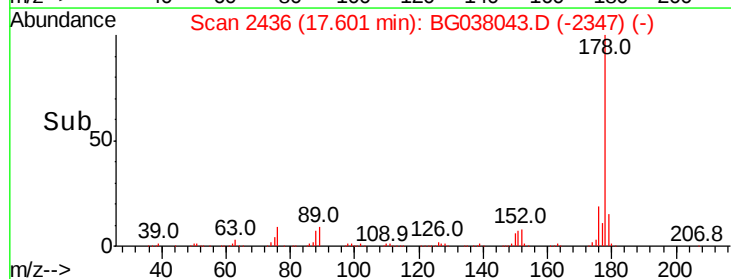
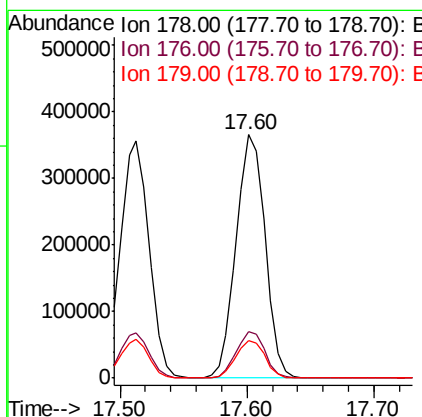
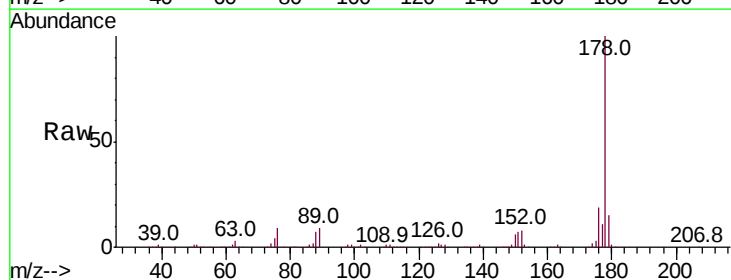
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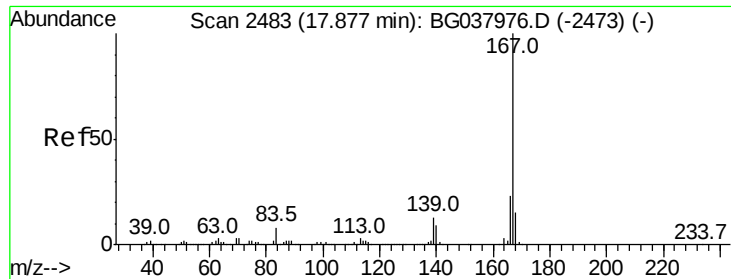
Sohil
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#72
 Anthracene
 Concen: 45.556 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	12.8	19.2





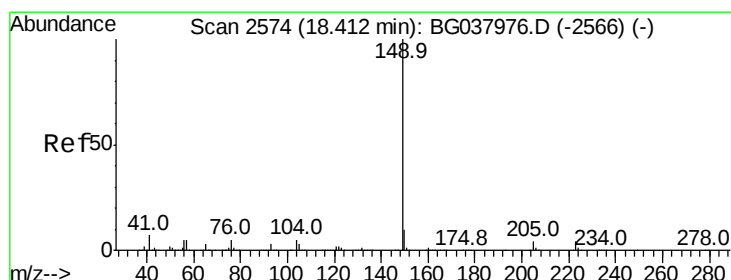
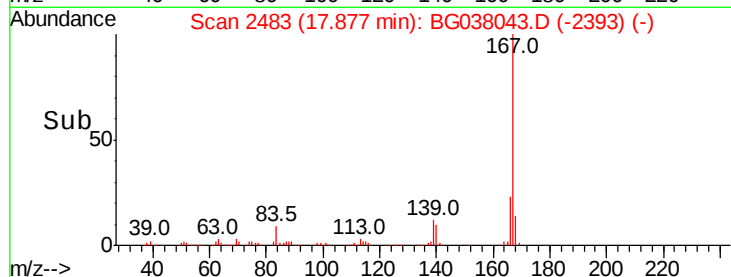
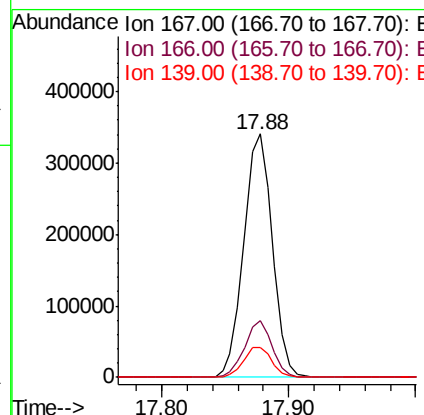
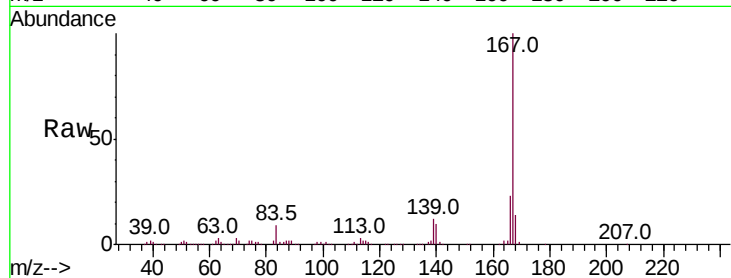
#73
 Carbazole
 Concen: 41.720 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Instrument :
 BNA_G
 ClientSampleId :
 PB114870BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.3	27.5
139	12.4	10.5	15.7

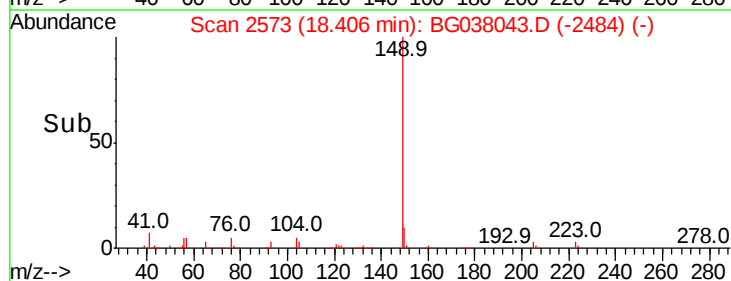
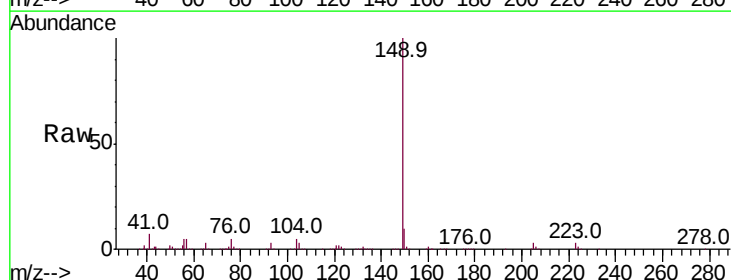
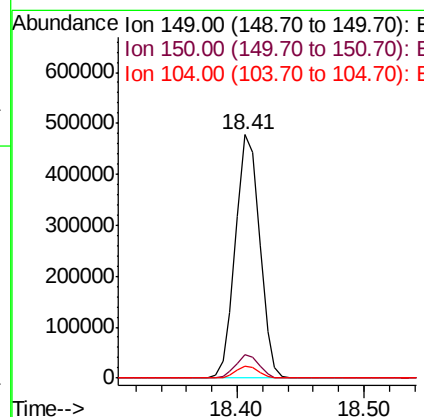
Manual Integrations
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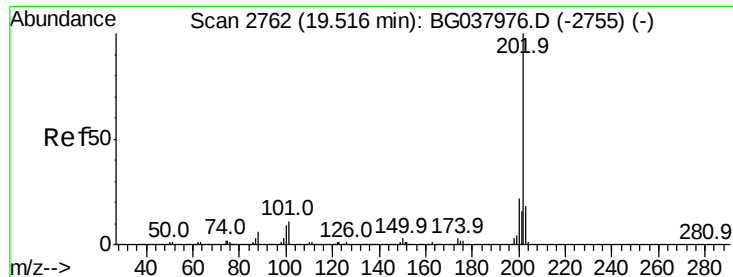
Sohil
 11/19/2018 2:13:33 PM



#74
 Di-n-butylphthalate
 Concen: 43.990 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038043.D
 Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 46.059 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

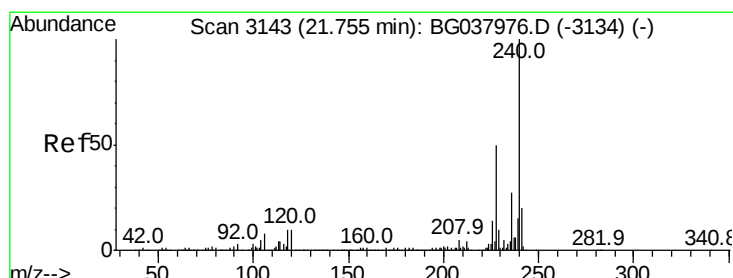
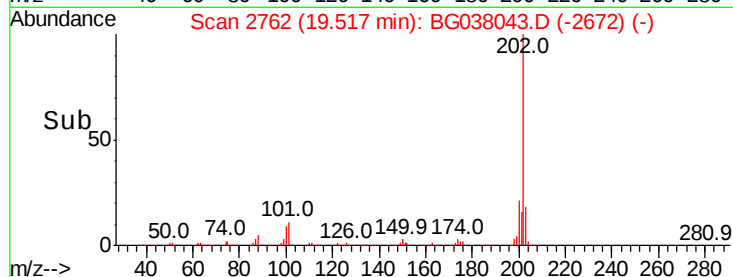
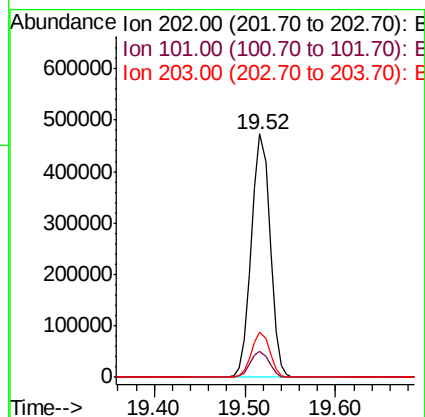
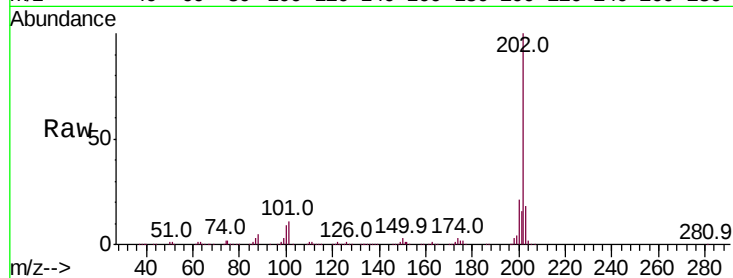
ClientSampleId :

PB114870BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	677598		
101	10.8	0.0	30.7	
203	18.5	0.0	38.5	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

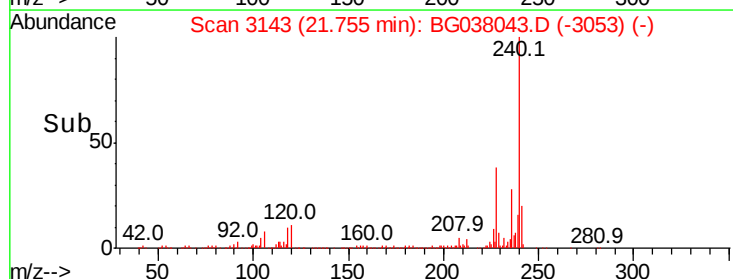
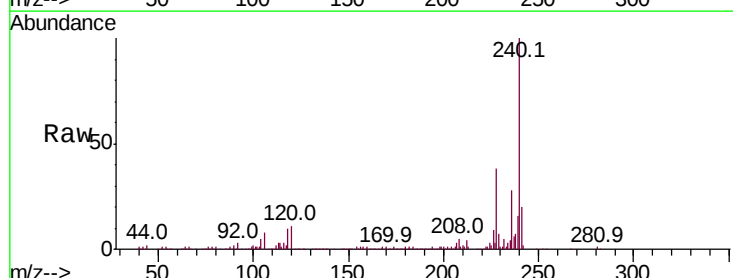
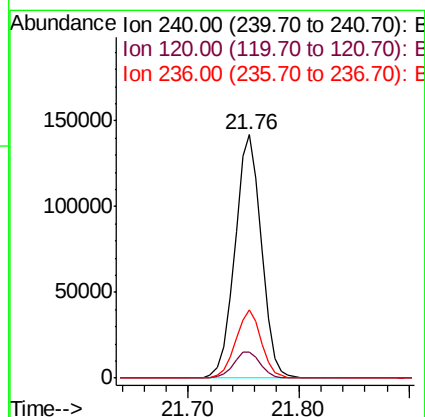
RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	237457		
120	10.6	8.1	12.1	
236	28.3	21.4	32.0	





#77

Benzidine

Concen: 21.841 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

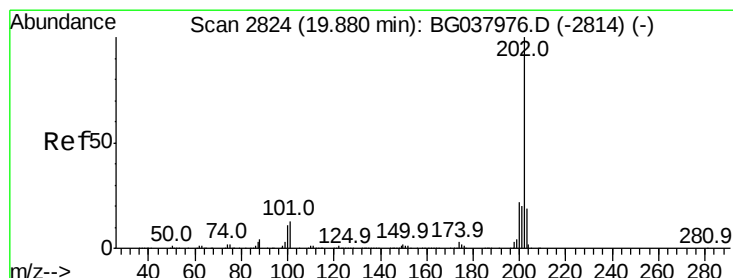
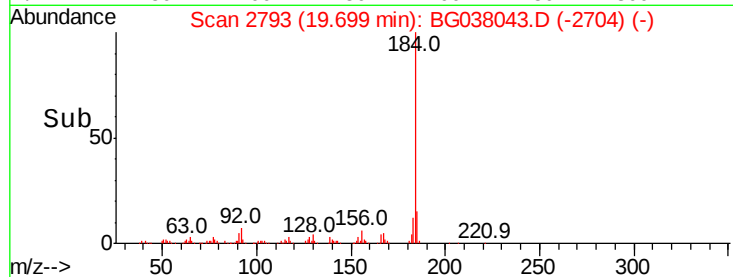
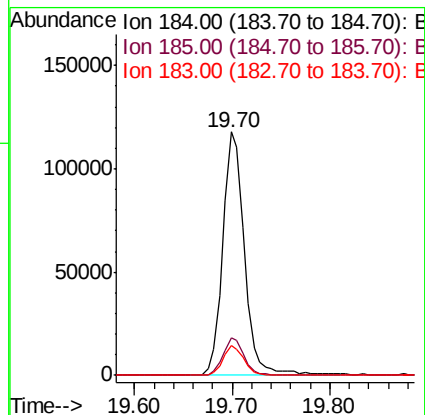
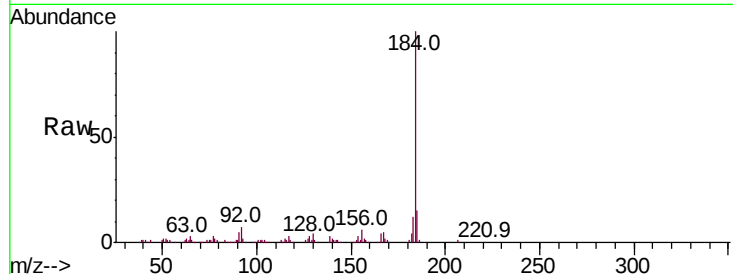
ClientSampleId :

PB114870BS

Tot Ion:	184	Resp:	181983
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	12.4	10.2	15.2

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#78

Pyrene

Concen: 44.211 ng

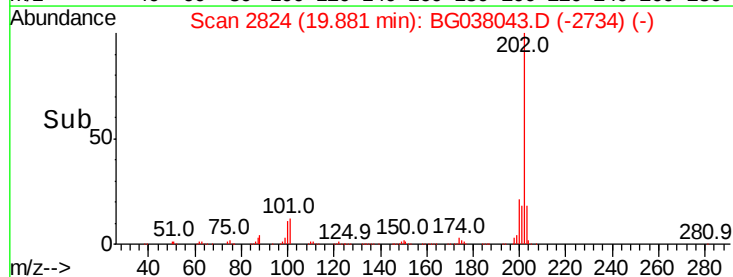
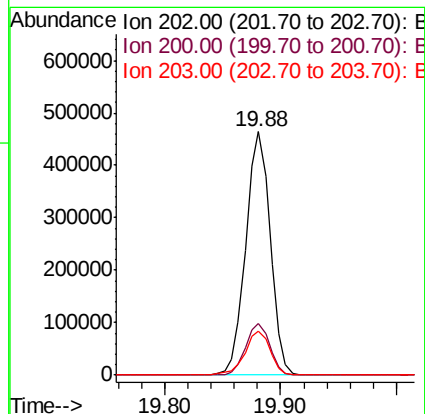
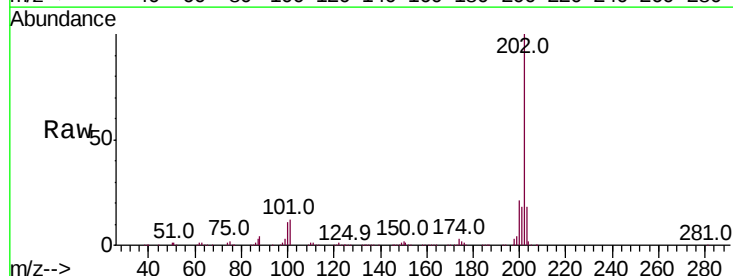
RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	202	Resp:	686384
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.8	26.6
203	18.2	15.2	22.8





#79

Terphenyl-d14

Concen: 87.836 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

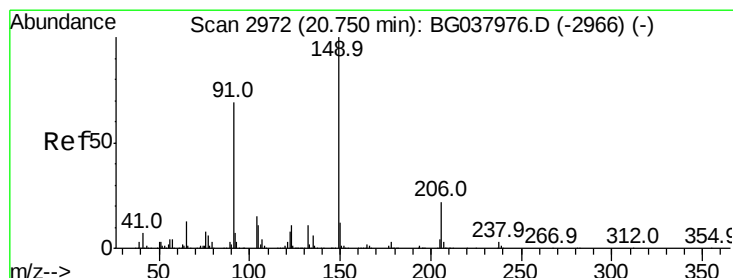
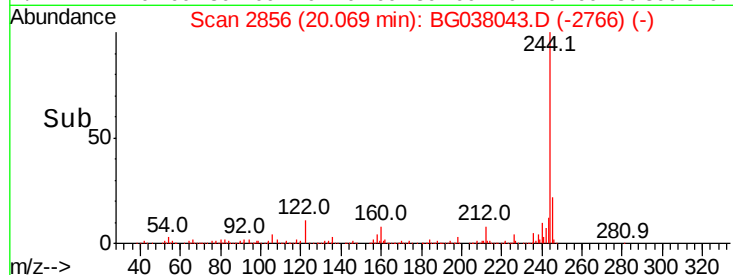
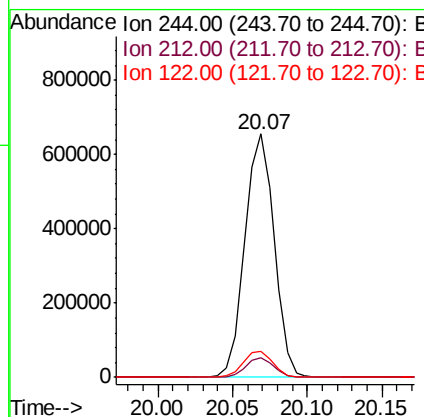
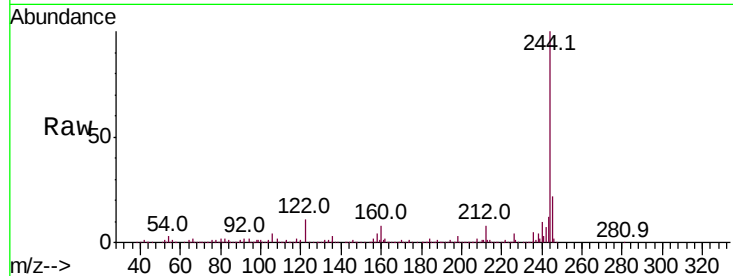
ClientSampleId :

PB114870BS

Tot Ion:	244	Resp:	886409
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.5	9.7
122	10.7	9.0	13.4

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 43.277 ng

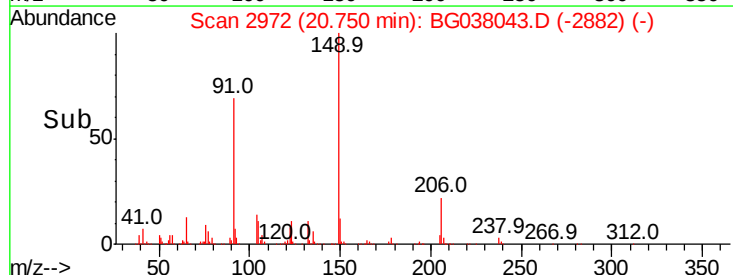
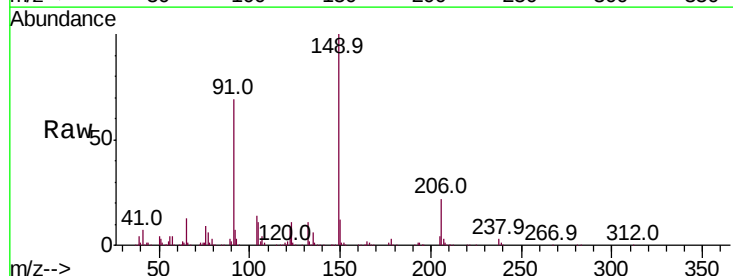
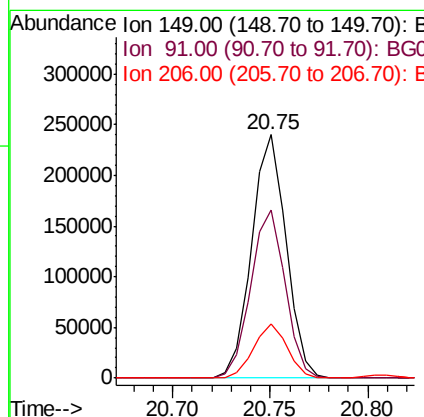
RT: 20.75 min Scan# 2972

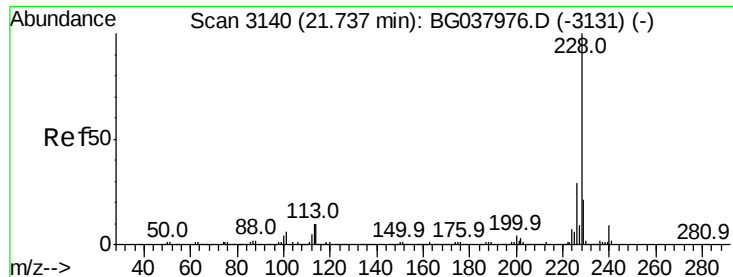
Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	149	Resp:	293824
Ion Ratio	Lower	Upper	
149	100		
91	69.0	57.0	85.4
206	22.1	17.8	26.6





#81

Benzo(a)anthracene

Concen: 45.014 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

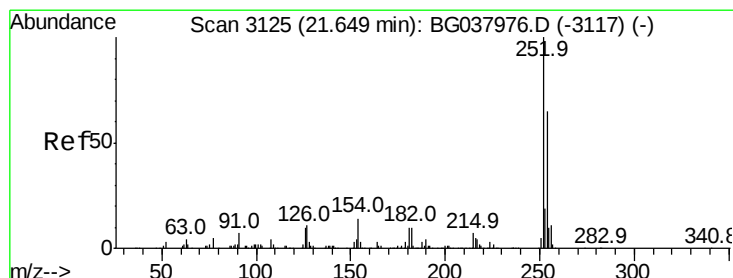
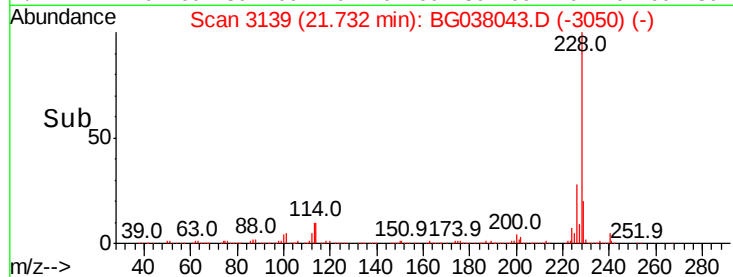
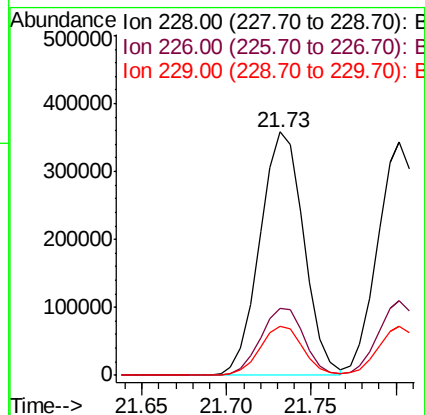
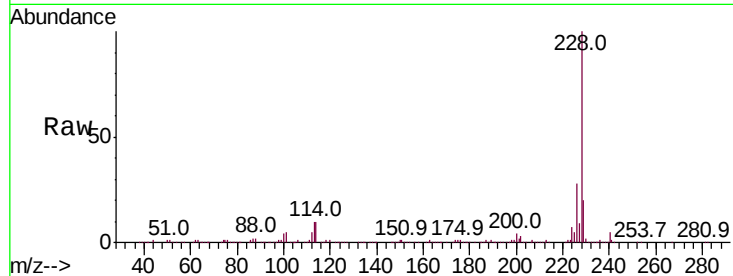
ClientSampleId :

PB114870BS

Tot Ion:	228	Resp:	645946
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.9	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 20.652 ng

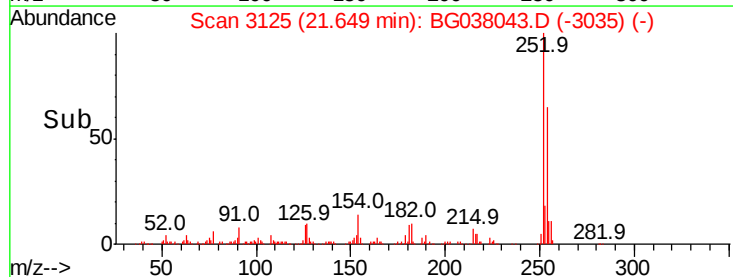
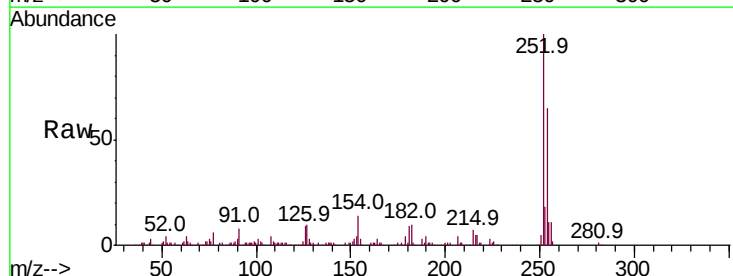
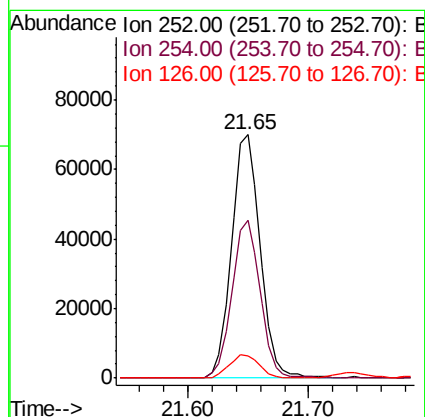
RT: 21.65 min Scan# 3125

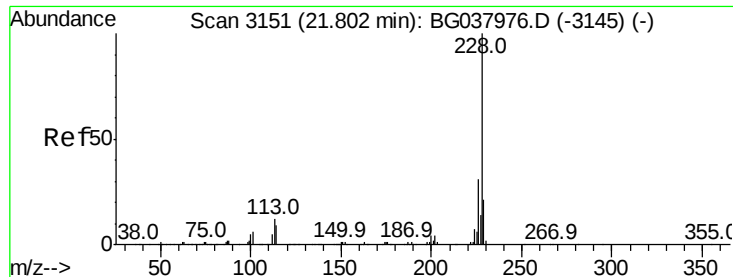
Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	252	Resp:	115442
Ion Ratio	Lower	Upper	
252	100		
254	64.9	52.0	78.0
126	9.4	8.2	12.4





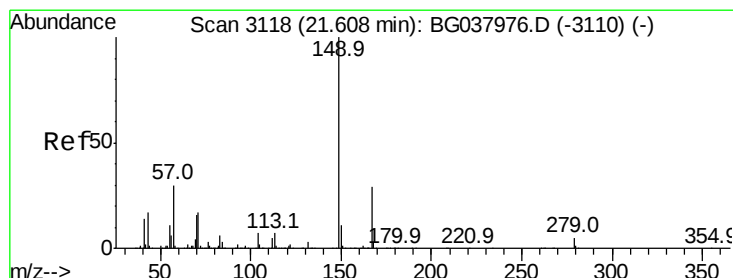
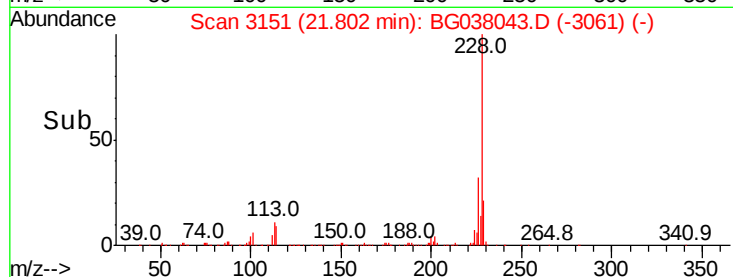
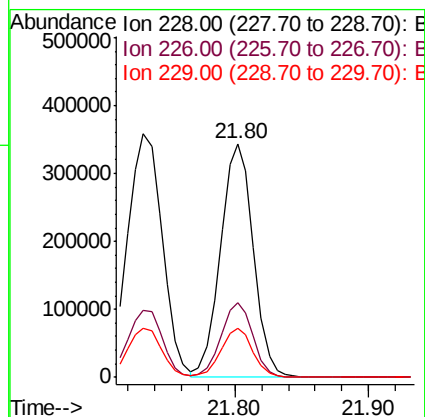
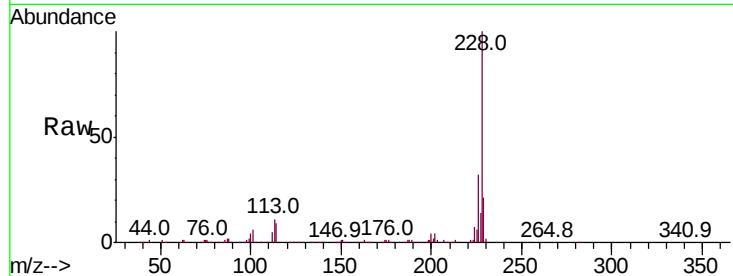
#83
Chrysene
Concen: 43.044 ng
RT: 21.80 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.7	38.5
229	20.7	16.5	24.7

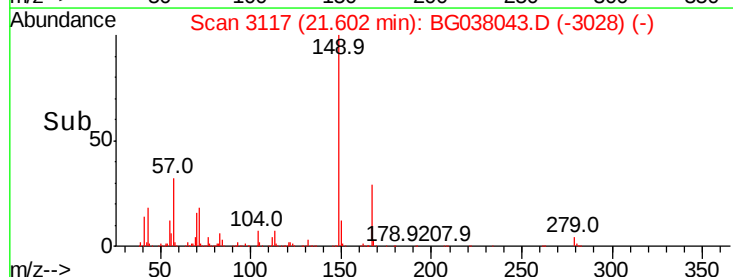
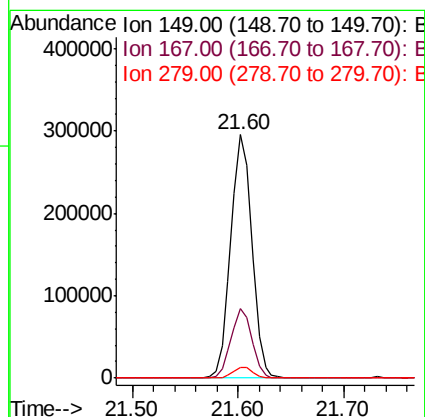
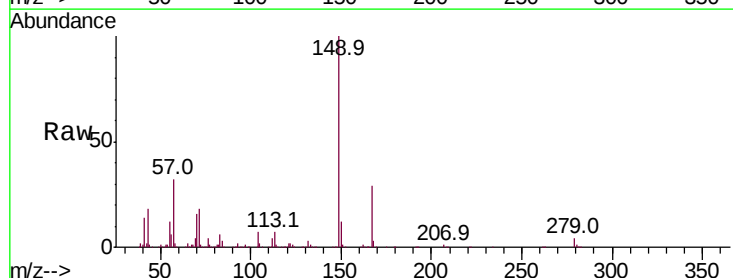
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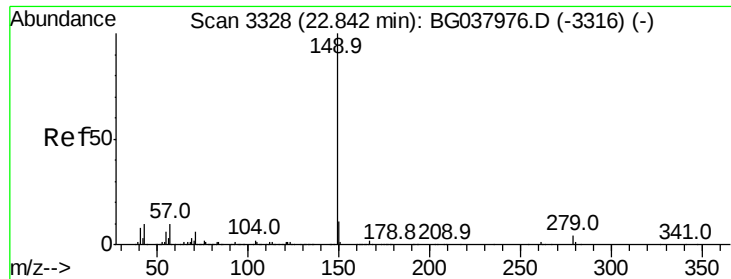
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.301 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.4
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 44.429 ng

RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

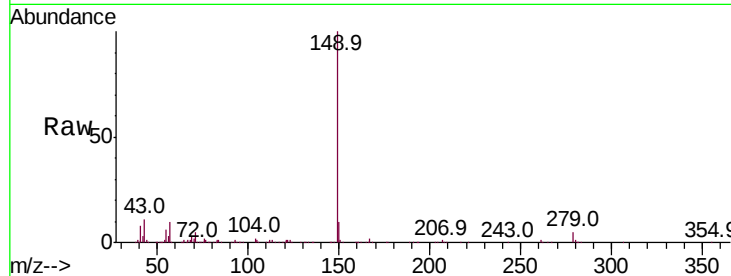
ClientSampleId :

PB114870BS

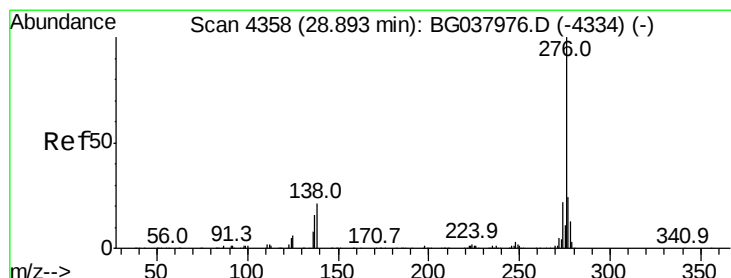
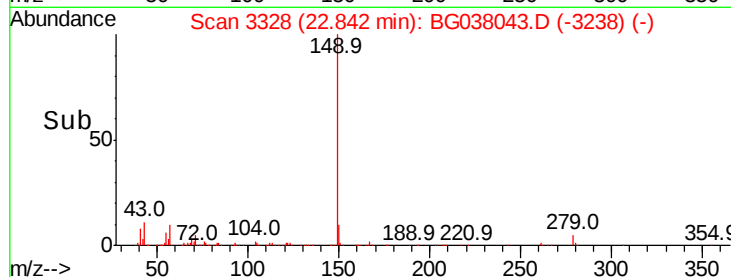
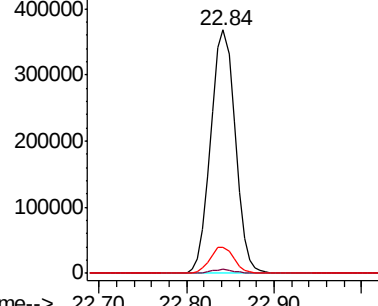
Tot Ion:	149	Resp:	695933
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.8	8.7	13.1

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Abundance Ion 149.00 (148.70 to 149.70): E
500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.315 ng

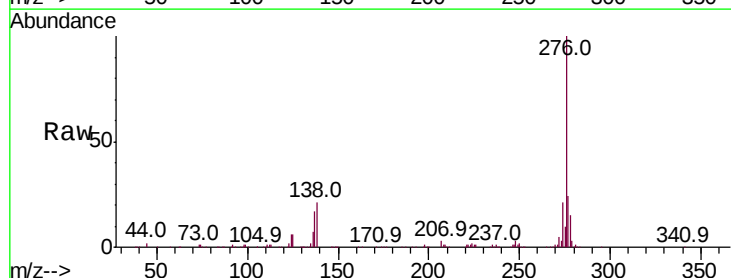
RT: 28.89 min Scan# 4357

Delta R.T. -0.01 min

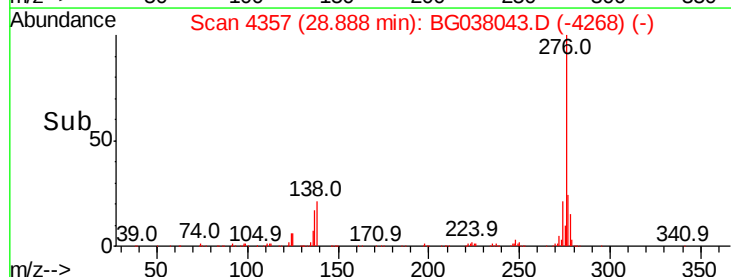
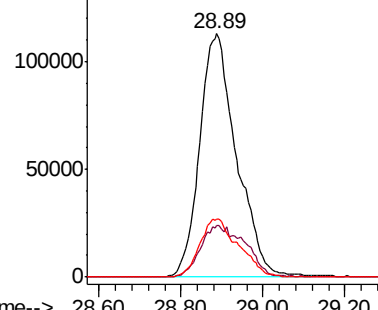
Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	276	Resp:	706243
Ion Ratio	Lower	Upper	
276	100		
138	25.7	12.0	18.0#
277	25.3	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
150000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

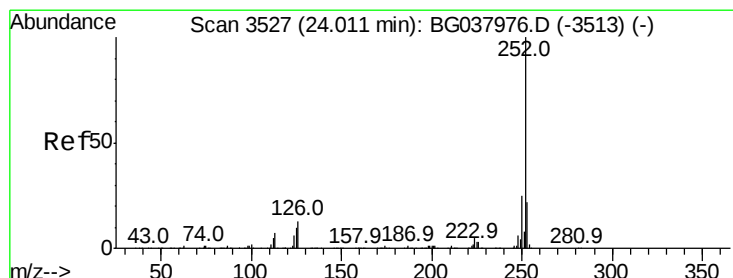
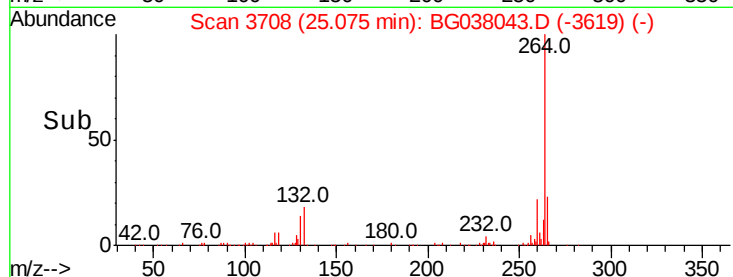
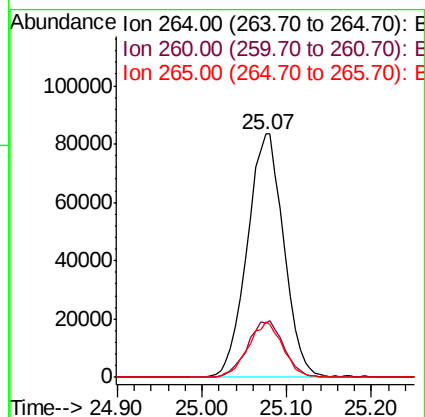
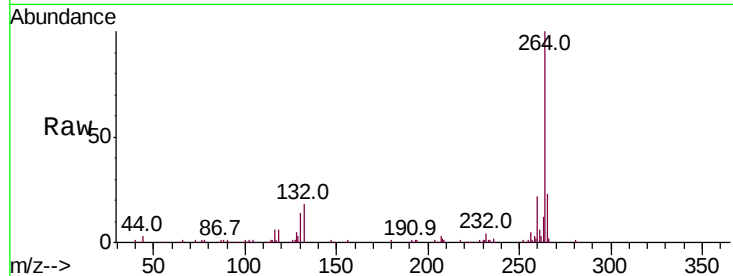
ClientSampled :

PB114870BS

Tot Ion:	264	Resp:	250980
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.2	27.4
265	22.9	17.9	26.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.765 ng

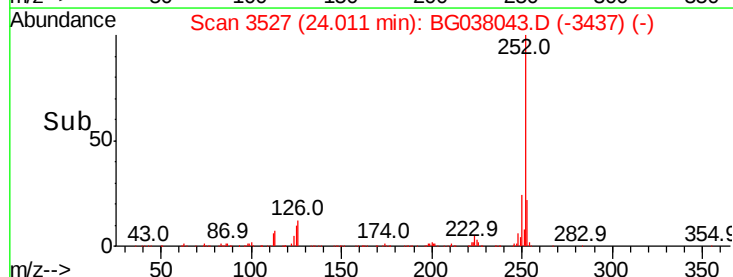
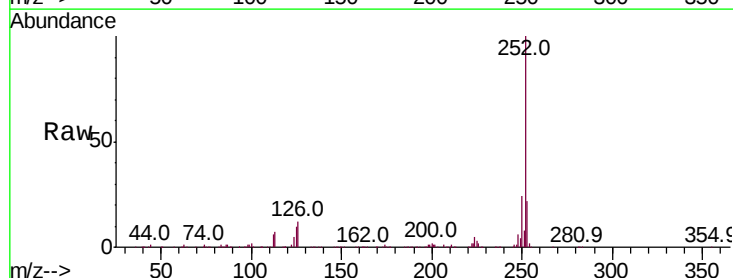
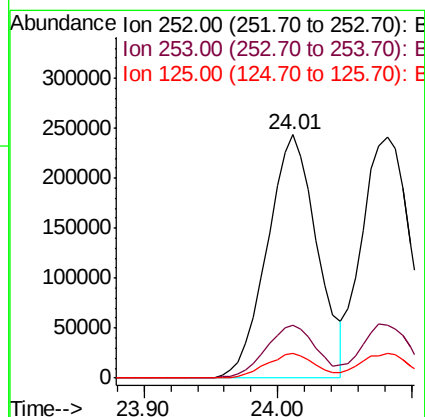
RT: 24.01 min Scan# 3527

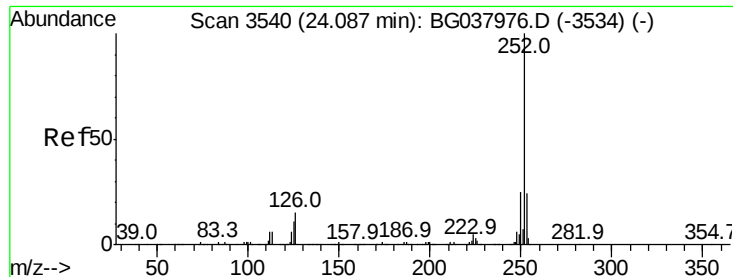
Delta R.T. 0.00 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	252	Resp:	632086
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	10.0	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 44.563 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Instrument :

BNA_G

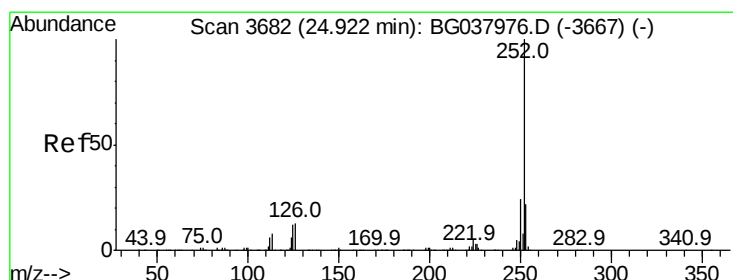
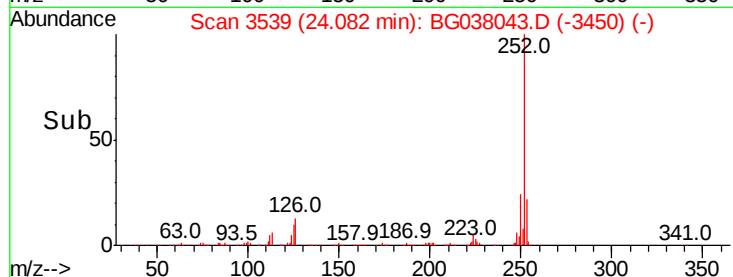
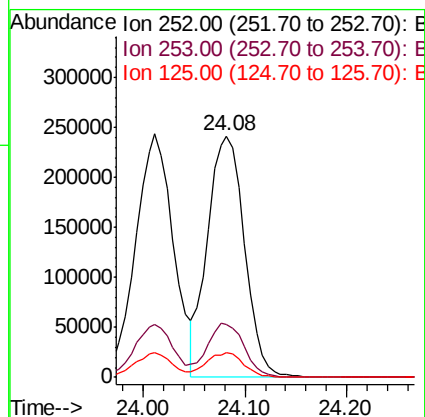
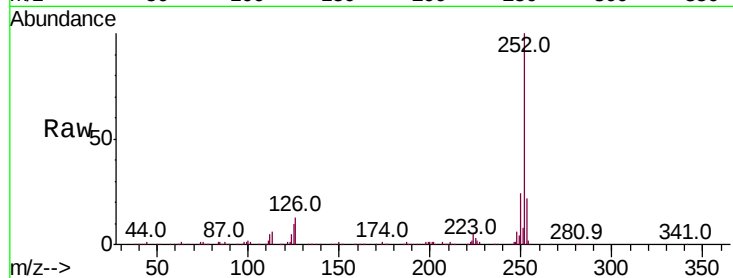
ClientSampleId :

PB114870BS

Tot Ion:	252	Resp:	607332
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.2
125	10.1	7.4	11.0

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 46.588 ng

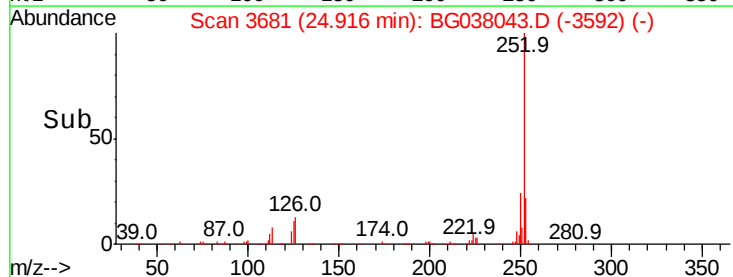
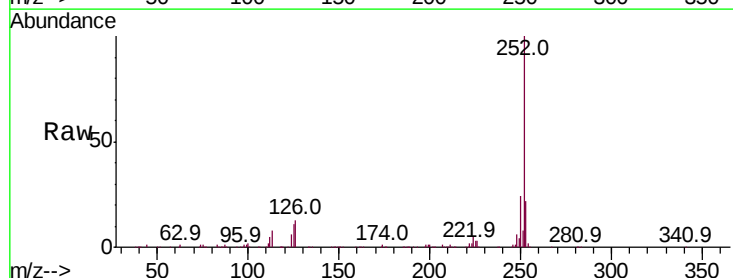
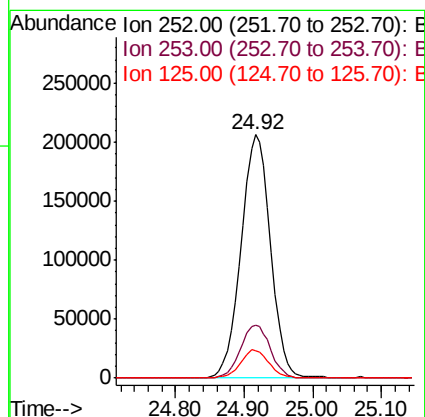
RT: 24.92 min Scan# 3681

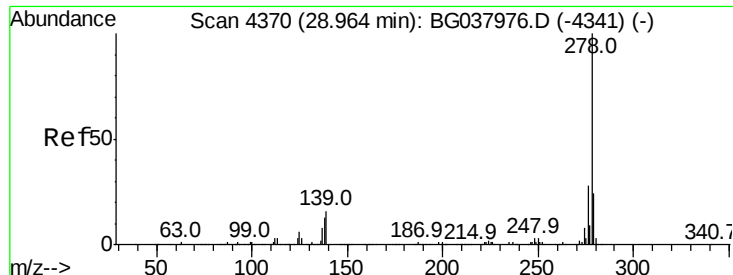
Delta R.T. -0.01 min

Lab File: BG038043.D

Acq: 16 Nov 2018 21:16

Tgt Ion:	252	Resp:	614930
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.2
125	11.2	9.0	13.6





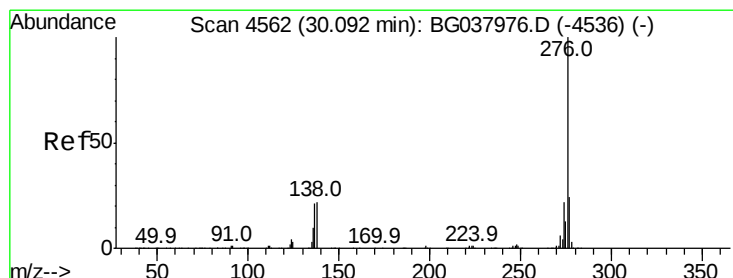
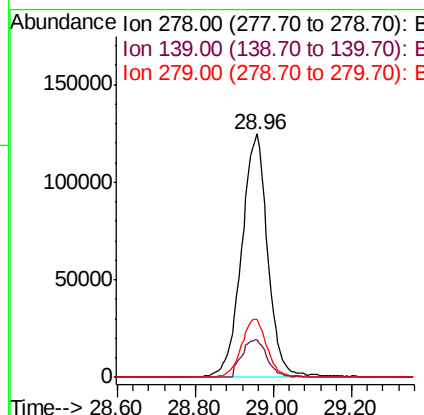
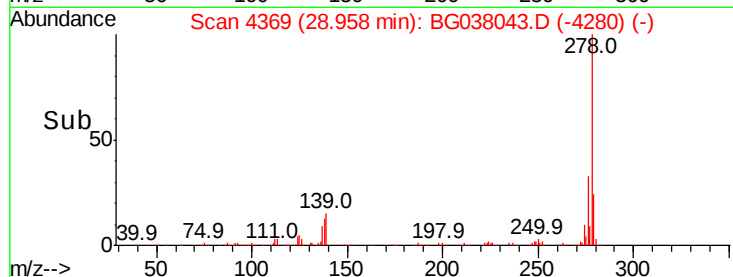
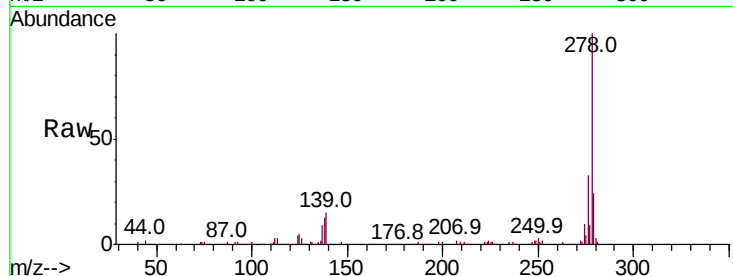
#91
Dibenzo(a,h)anthracene
Concen: 45.861 ng
RT: 28.96 min Scan# 4369
Delta R.T. -0.01 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Instrument :
BNA_G
ClientSampleId :
PB114870BS

Tot Ion:	278	Resp:	582443
Ion Ratio	Lower	Upper	
278	100		
139	15.4	11.5	17.3
279	23.7	18.6	27.8

Manual Integrations
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11/19/2018 2:13:33 PM



#92
Benzo(g,h,i)perylene
Concen: 46.197 ng
RT: 30.09 min Scan# 4562
Delta R.T. 0.00 min
Lab File: BG038043.D
Acq: 16 Nov 2018 21:16

Tgt Ion:	276	Resp:	583370
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.9	28.3
138	20.5	17.2	25.8

