

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
 Data File : BG038062.D
 Acq On : 19 Nov 2018 14:41
 Operator : JU/SJ
 Sample : PB114874BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Manual Integrations
 APPROVED

Sohil
 11/20/2018 9:41:40 AM

Quant Time: Nov 19 15:18:11 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	8.09	152	42203	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	174770	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	107275	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	248478	20.00	ng	0.00
76) Chrysene-d12	21.75	240	238514	20.00	ng	0.00
87) Perylene-d12	25.07	264	250990	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	308227	126.10	ng	0.00
7) Phenol-d6	7.24	99	410414	117.63	ng	0.00
23) Nitrobenzene-d5	9.26	82	200887	61.53	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	137563	112.44	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	441939	60.02	ng	0.00
79) Terphenyl-d14	20.07	244	730122	72.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	37745	32.692	ng	96
3) Pyridine	3.92	79	105520	32.039	ng	99
4) n-Nitrosodimethylamine	3.84	42	49469	41.402	ng	94
6) Aniline	7.41	93	129145	28.678	ng	95
8) 2-Chlorophenol	7.65	128	113764	40.111	ng	96
9) Benzaldehyde	7.22	77	61873	24.521	ng	98
10) Phenol	7.26	94	148272	40.119	ng	100
11) bis(2-Chloroethyl)ether	7.51	93	109043	36.141	ng	95
12) 1,3-Dichlorobenzene	7.98	146	116596	35.685	ng	99
13) 1,4-Dichlorobenzene	8.12	146	118755	35.980	ng	99
14) 1,2-Dichlorobenzene	8.44	146	114076	36.201	ng	95
15) Benzyl Alcohol	8.32	79	99294	39.329	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	207109	36.967	ng	97
17) 2-Methylphenol	8.52	107	98750	39.521	ng	98
18) Hexachloroethane	9.17	117	43253	36.008	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	86916	34.427	ng	98
20) 3+4-Methylphenols	8.85	107	134435	37.954	ng	96
22) Acetophenone	8.92	105	165335	38.022	ng	# 98
24) Nitrobenzene	9.30	77	129689	38.831	ng	96
25) Isophorone	9.82	82	238166	40.529	ng	96
26) 2-Nitrophenol	10.02	139	61665	36.984	ng	96
27) 2,4-Dimethylphenol	10.06	122	113867	45.327	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	147955	39.374	ng	97
29) 2,4-Dichlorophenol	10.54	162	115205	40.771	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	119423	37.715	ng	98
31) Naphthalene	10.95	128	347422	40.416	ng	99
32) Benzoic acid	10.18	122	50873	35.703	ng	96
33) 4-Chloroaniline	11.07	127	97902	24.484	ng	95
34) Hexachlorobutadiene	11.22	225	68924	35.368	ng	97
35) Caprolactam	11.85	113	40343m	35.669	ng	
36) 4-Chloro-3-methylphenol	12.17	107	119102	38.581	ng	96
37) 2-Methylnaphthalene	12.55	142	252642	40.916	ng	99
38) 1-Methylnaphthalene	12.77	142	241820	40.687	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	130670	36.453	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	164376	85.635	nq	98
43) 2,4,6-Trichlorophenol	13.15	196	91397	37.416	nq	99
44) 2,4,5-Trichlorophenol	13.23	196	100282	39.017	nq	98
46) 1,1'-Biphenyl	13.56	154	321978	35.727	nq	100
47) 2-Chloronaphthalene	13.60	162	256805	37.342	nq	100
48) 2-Nitroaniline	13.81	65	84001	38.810	nq	99
49) Acenaphthylene	14.45	152	422364	40.841	nq	99
50) Dimethylphthalate	14.17	163	321366	37.788	nq	100
51) 2,6-Dinitrotoluene	14.30	165	74713	38.816	nq	97
52) Acenaphthene	14.79	154	236880	38.047	nq	99
53) 3-Nitroaniline	14.63	138	61708	29.054	nq	# 98
54) 2,4-Dinitrophenol	14.84	184	57900	58.552	nq	89
55) Dibenzofuran	15.12	168	392811	38.156	nq	100
56) 4-Nitrophenol	14.93	139	125476	76.599	nq	93
57) 2,4-Dinitrotoluene	15.09	165	104766	40.004	nq	96
58) Fluorene	15.77	166	311828	40.596	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	85968	39.973	nq	99
60) Diethylphthalate	15.53	149	330616	36.601	nq	99
61) 4-Chlorophenyl-phenylether	15.76	204	161847	36.010	nq	100
62) 4-Nitroaniline	15.80	138	82459	39.081	nq	96
63) Azobenzene	16.05	77	310482	38.442	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	51917	33.034	nq	98
66) n-Nitrosodiphenylamine	15.97	169	283111	37.662	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	100806	36.962	nq	98
68) Hexachlorobenzene	16.76	284	102680	36.475	nq	98
69) Atrazine	16.91	200	104777	37.811	nq	97
70) Pentachlorophenol	17.11	266	113590	59.412	nq	94
71) Phenanthrene	17.51	178	525954	41.343	nq	99
72) Anthracene	17.61	178	536816	42.807	nq	99
73) Carbazole	17.88	167	486206	38.644	nq	100
74) Di-n-butylphthalate	18.41	149	579250	41.014	nq	98
75) Fluoranthene	19.52	202	625940	43.125	nq	100
77) Benzidine	19.70	184	295000	35.248	nq	99
78) Pyrene	19.88	202	635782	40.770	nq	98
80) Butylbenzylphthalate	20.75	149	266204	39.035	nq	98
81) Benzo(a)anthracene	21.73	228	596454	41.381	nq	99
82) 3,3'-Dichlorobenzidine	21.65	252	153760	27.386	nq	98
83) Chrysene	21.80	228	555750	40.299	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	379782	39.050	nq	99
85) Di-n-octyl phthalate	22.84	149	652986	41.502	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	640285	41.804	nq	99
88) Benzo(b)fluoranthene	24.01	252	582805	42.195	nq	100
89) Benzo(k)fluoranthene	24.08	252	561940	41.231	nq	98
90) Benzo(a)pyrene	24.92	252	568054	43.035	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	525754	41.396	nq	97
92) Benzo(g,h,i)perylene	30.09	276	528309	41.835	nq	99

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

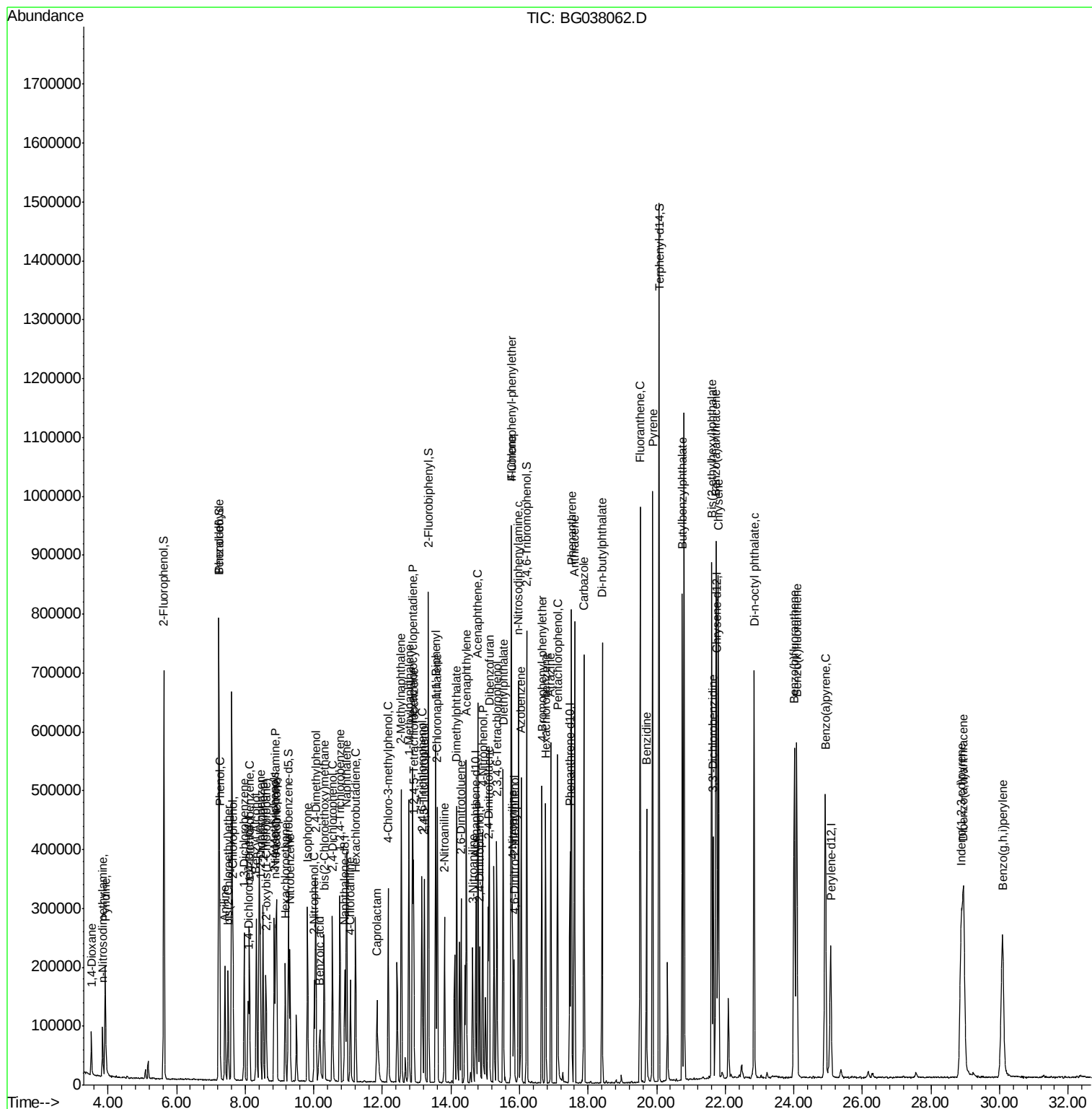
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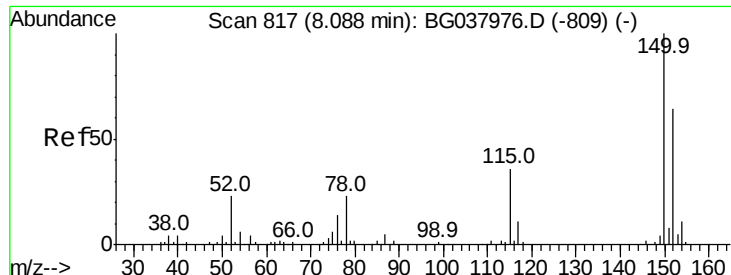
Instrument :
 BNA_G
 ClientSampled :
 PB114874BS

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#1

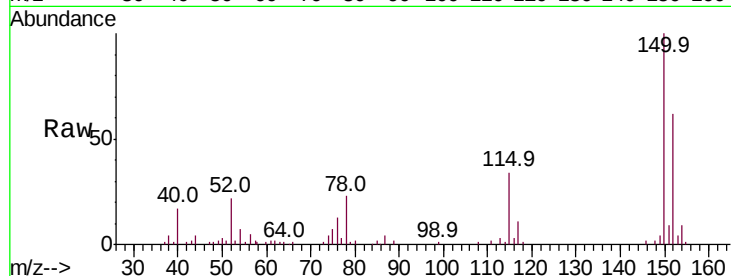
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.0	189.0
115	53.9	45.5	68.3

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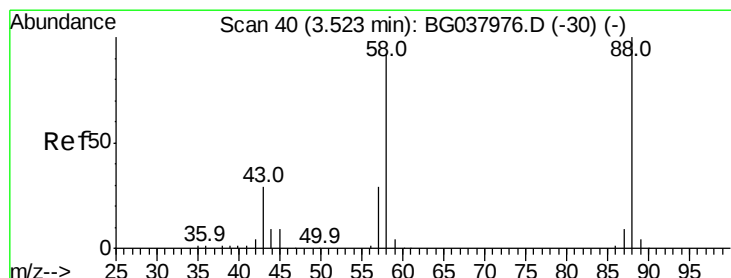
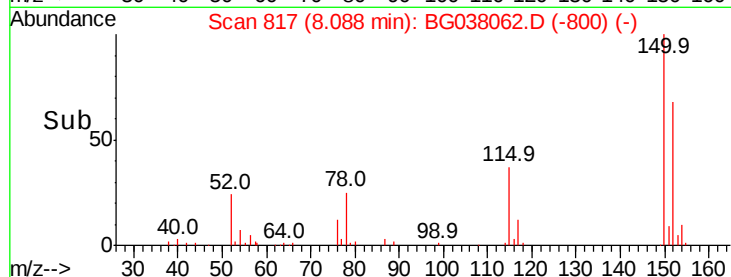
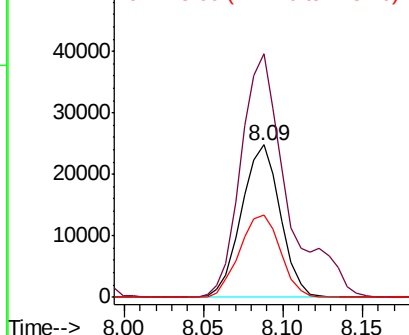


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

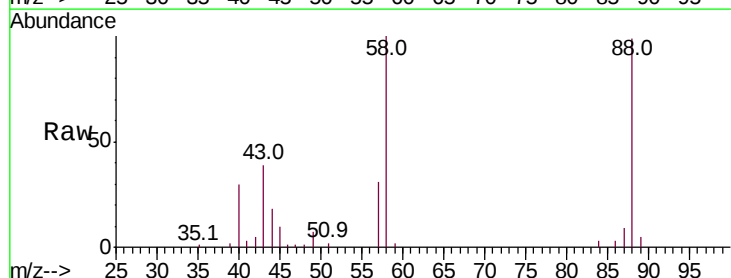
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.692 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.1	74.4	111.6
43	33.5	25.8	38.8

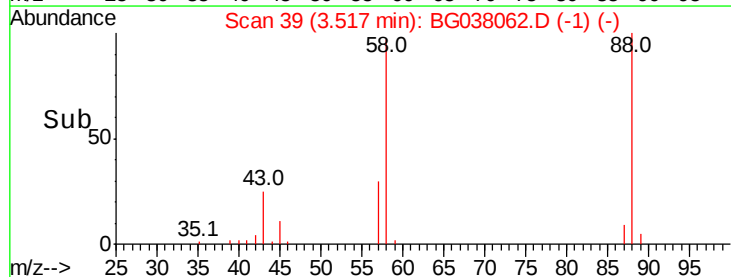
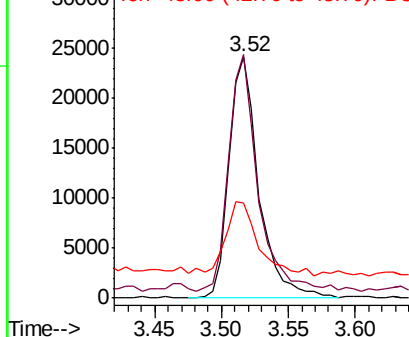


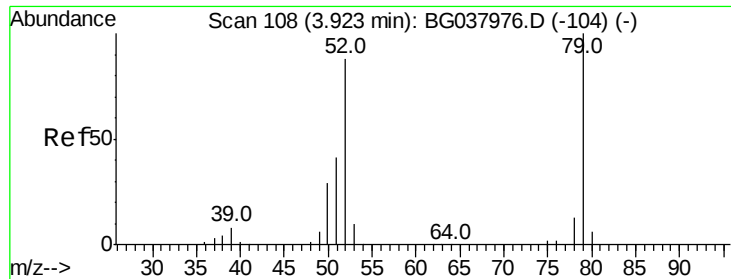
Abundance

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: 32.039 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

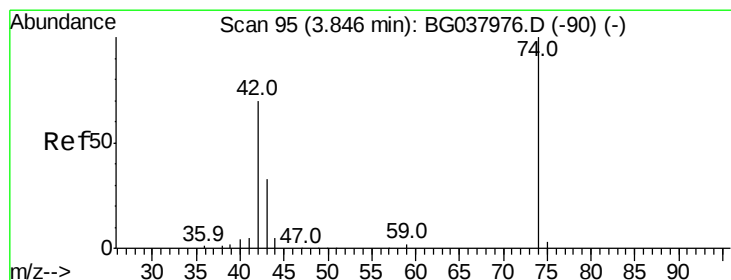
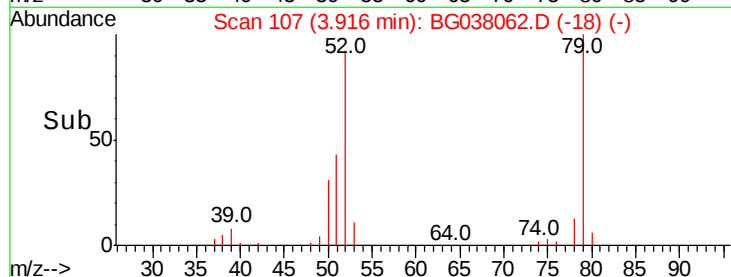
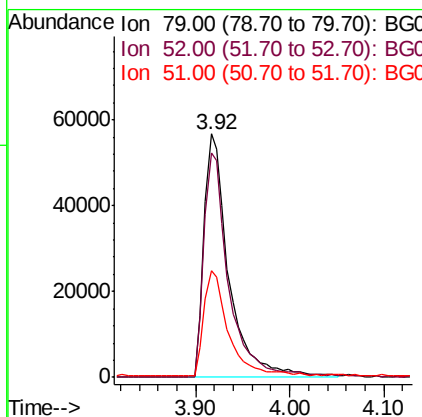
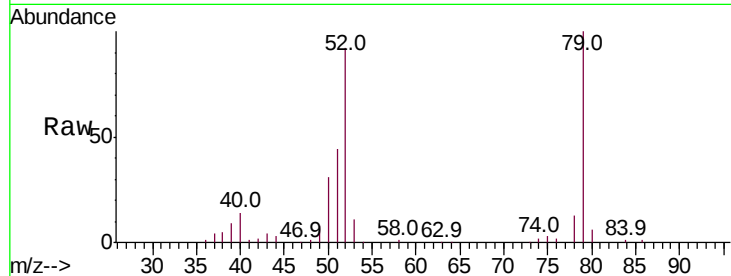
ClientSampleId :

PB114874BS

Tot Ion:	79	Resp:	105520
Ion	Ratio	Lower	Upper
79	100		
52	92.0	74.2	111.2
51	43.8	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 41.402 ng

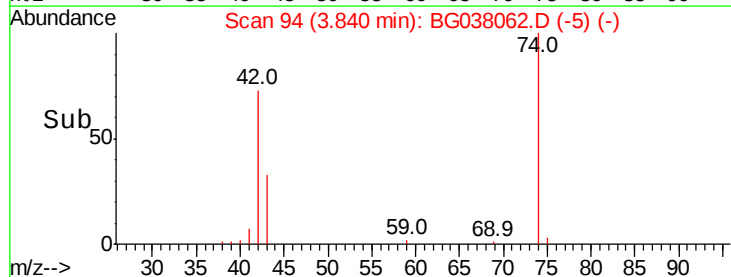
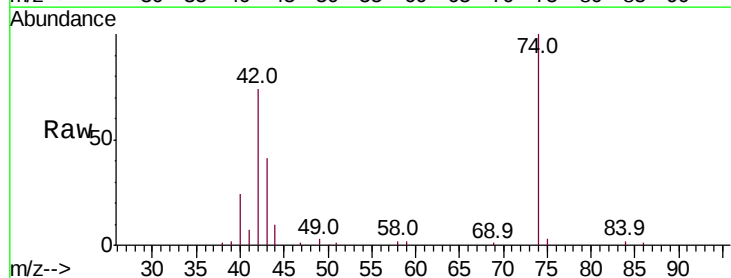
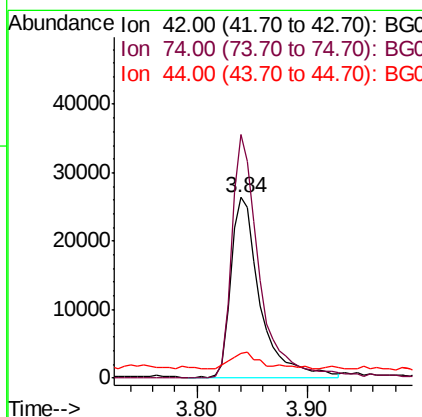
RT: 3.84 min Scan# 94

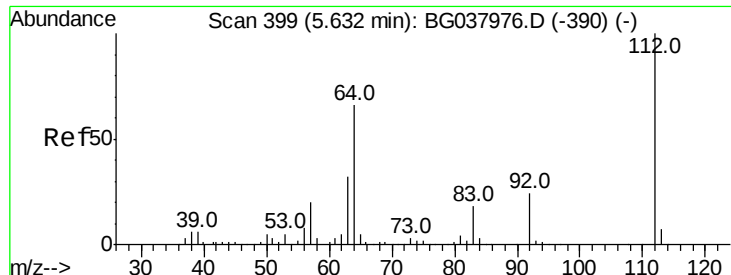
Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	42	Resp:	49469
Ion	Ratio	Lower	Upper
42	100		
74	134.7	102.0	153.0
44	13.7	9.6	14.4





#5

2-Fluorophenol

Concen: 126.099 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

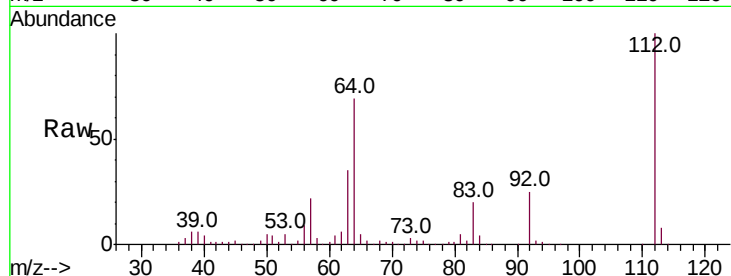
ClientSampleId :

PB114874BS

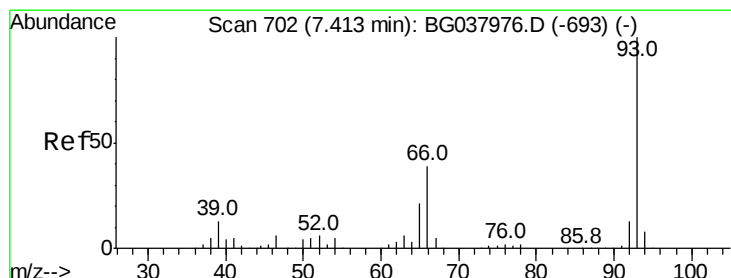
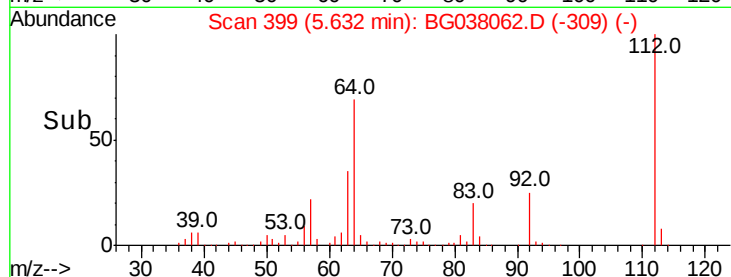
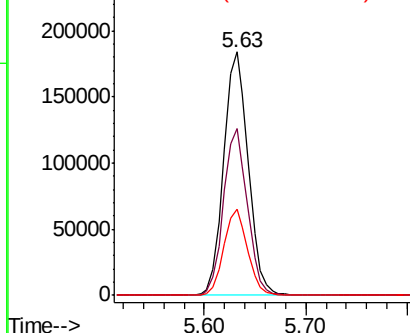
Tot Ion:	112	Resp:	308227
Ion Ratio	Lower	Upper	
112	100		
64	68.7	53.1	79.7
63	35.2	27.3	40.9

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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: 28.678 ng

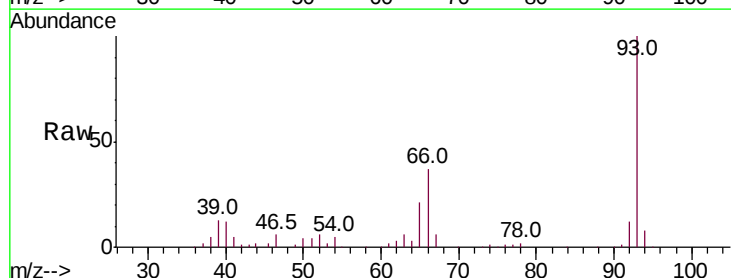
RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

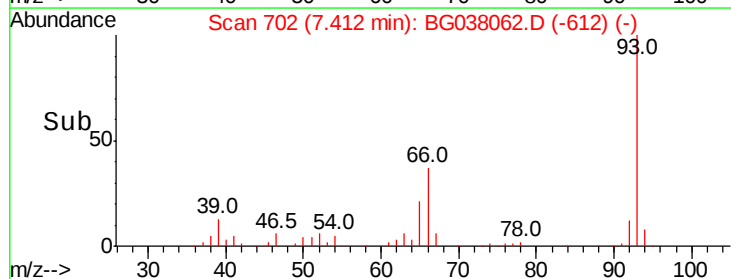
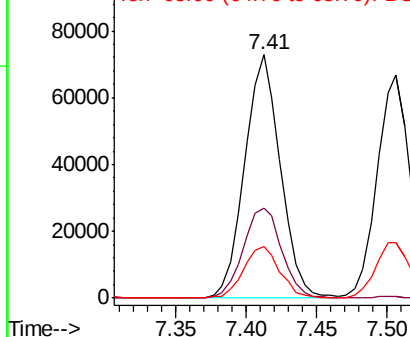
Lab File: BG038062.D

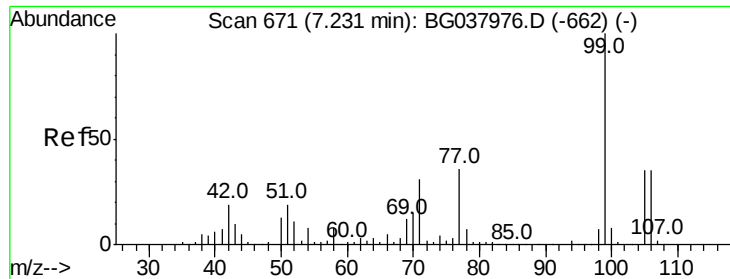
Acq: 19 Nov 2018 14:41

Tgt Ion:	93	Resp:	129145
Ion Ratio	Lower	Upper	
93	100		
66	36.8	32.8	49.2
65	21.0	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: 117.626 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

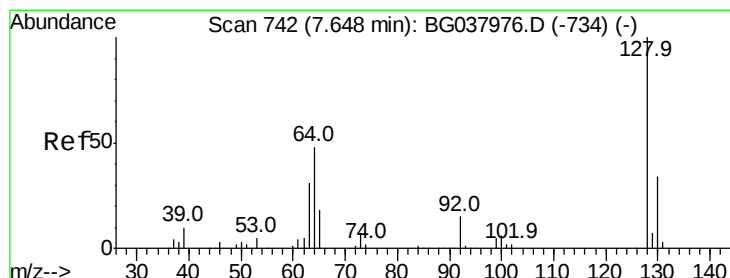
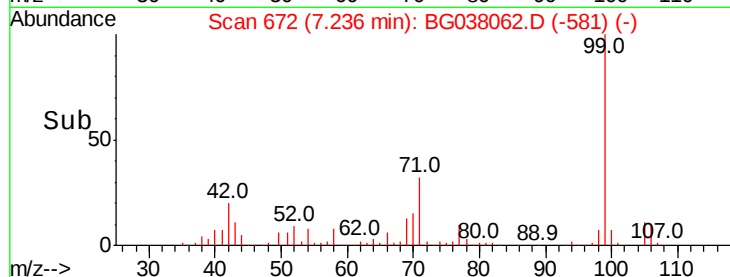
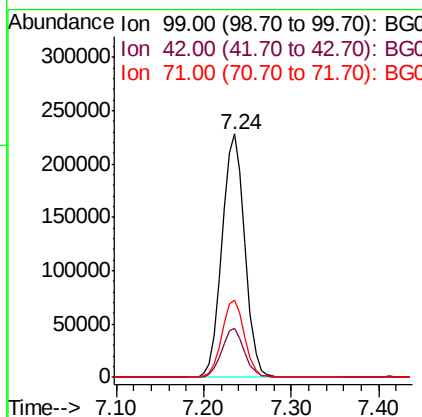
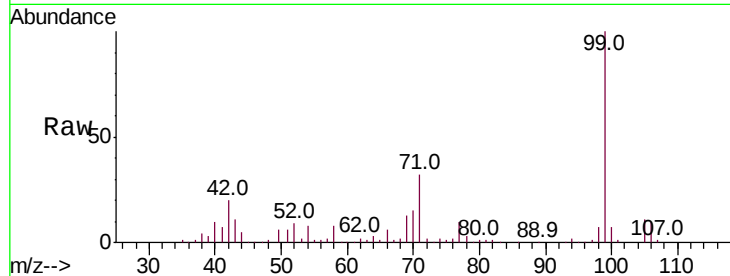
ClientSampleId :

PB114874BS

Tot Ion:	99	Resp:	410414
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.0	22.4
71	31.7	25.5	38.3

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#8

2-Chlorophenol

Concen: 40.111 ng

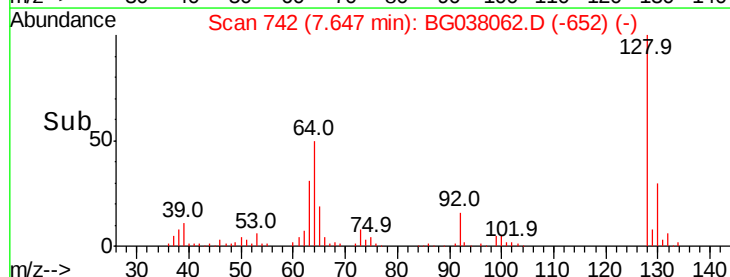
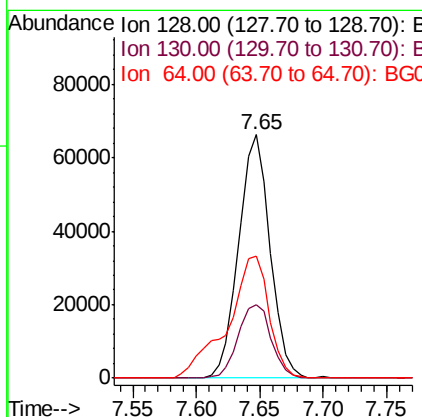
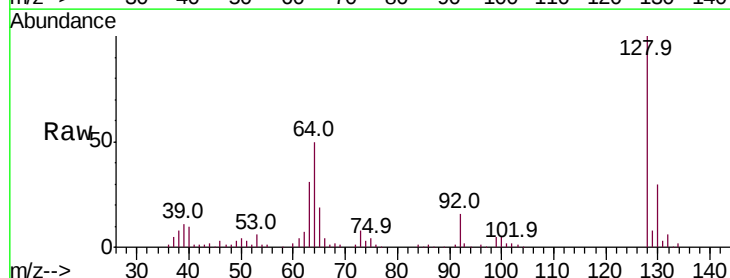
RT: 7.65 min Scan# 742

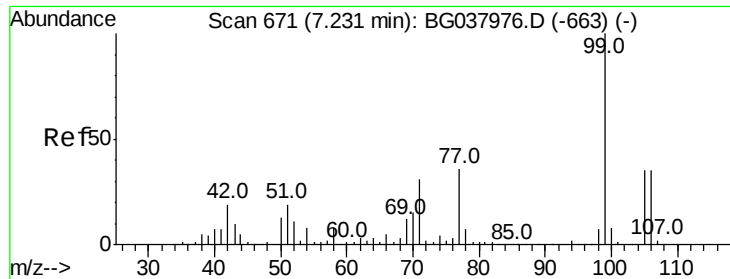
Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	128	Resp:	113764
Ion Ratio	Lower	Upper	
128	100		
130	30.0	12.0	52.0
64	50.3	32.9	72.9





#9

Benzaldehyde

Concen: 24.521 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tot Ion: 77 Resp: 61873

Ion Ratio Lower Upper

77 100

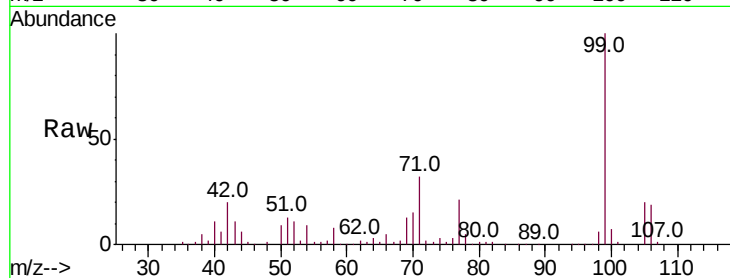
105 92.1 72.6 112.6

106 87.8 71.3 111.3

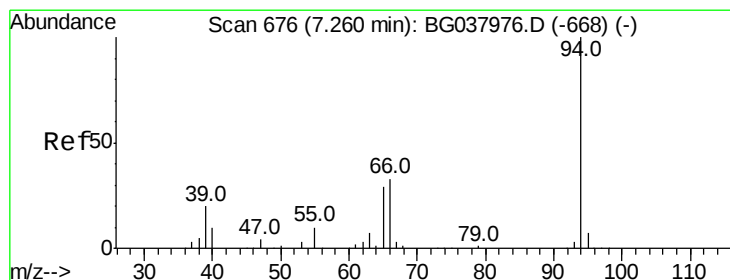
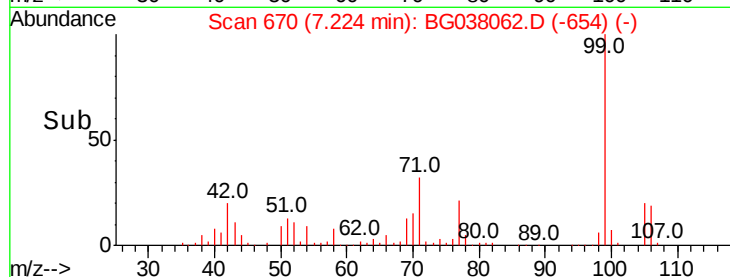
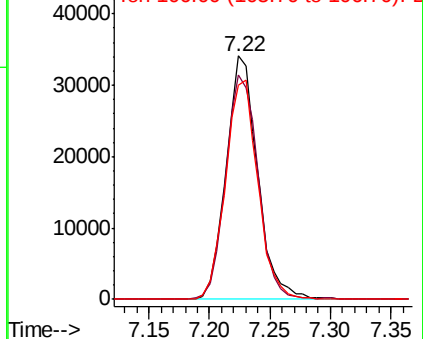
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.119 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

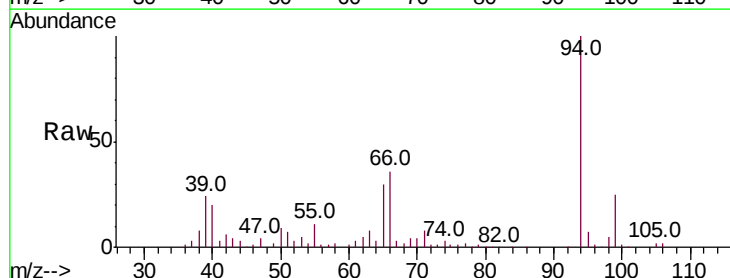
Tgt Ion: 94 Resp: 148272

Ion Ratio Lower Upper

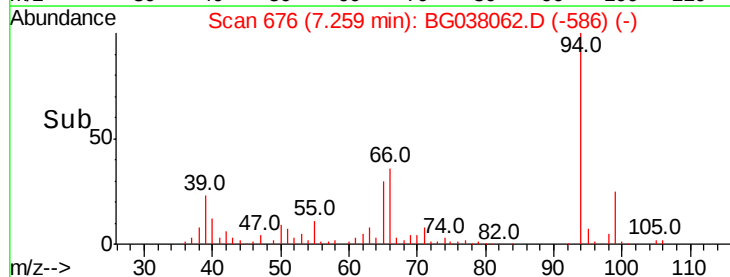
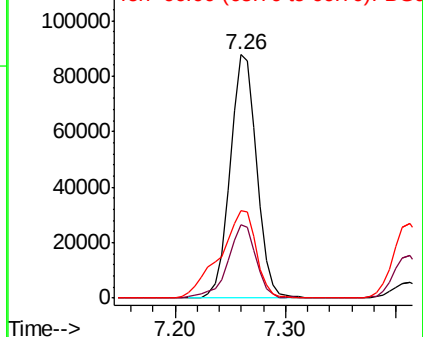
94 100

65 29.9 9.7 49.7

66 35.9 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





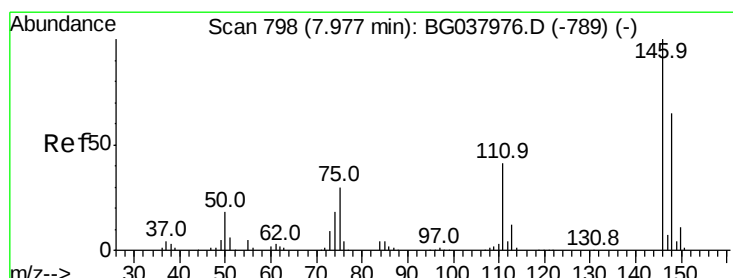
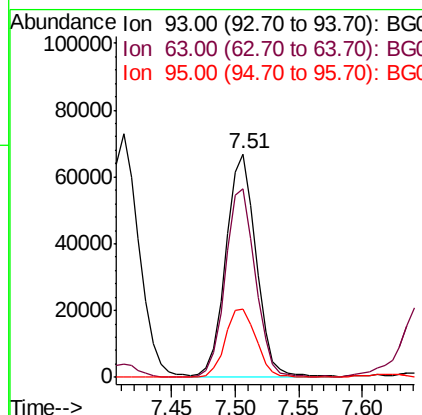
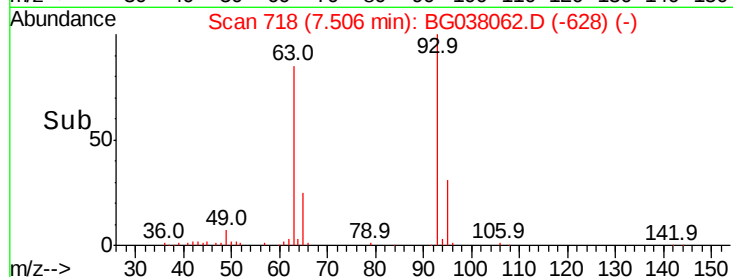
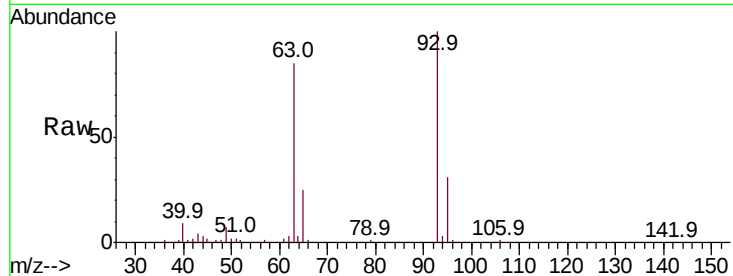
#11
bis(2-Chloroethyl)ether
Concen: 36.141 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion:	93	Resp:	109043
Ion Ratio	Lower	Upper	
93	100		
63	84.8	69.5	109.5
95	30.6	12.6	52.6

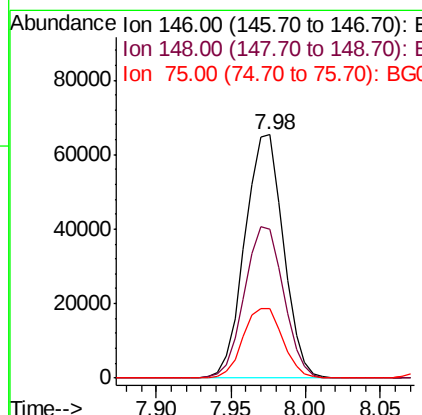
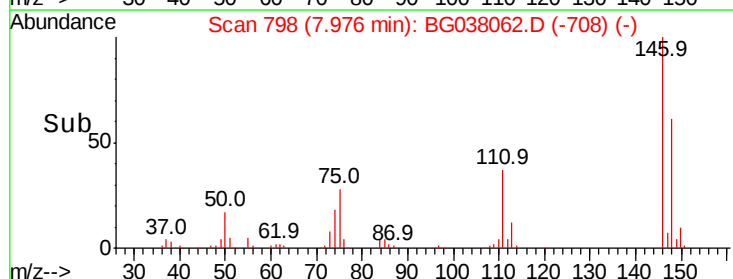
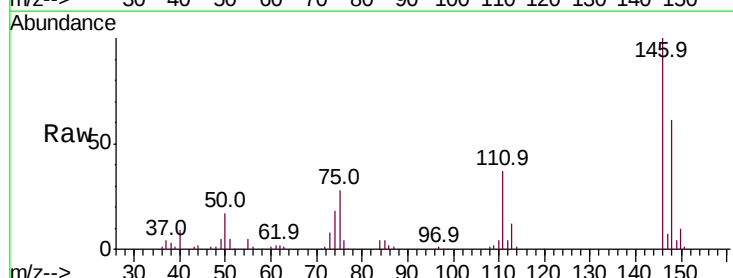
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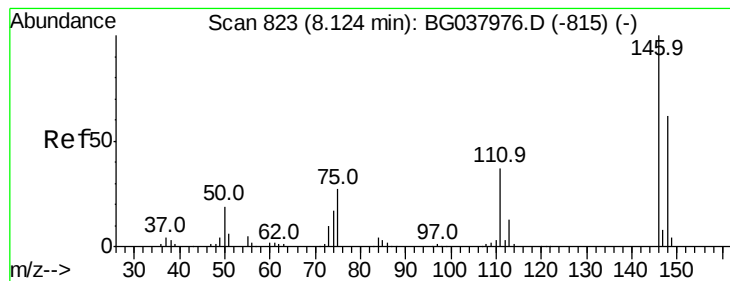
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.685 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion:	146	Resp:	116596
Ion Ratio	Lower	Upper	
146	100		
148	61.2	49.8	74.8
75	28.4	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 35.980 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

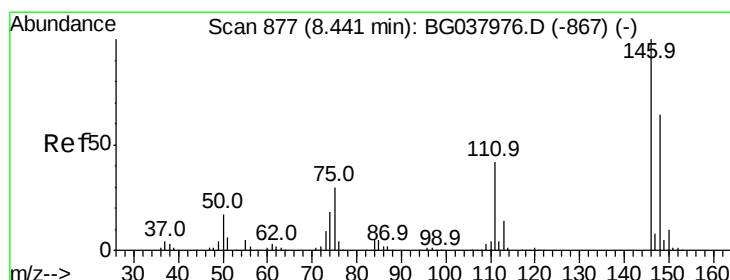
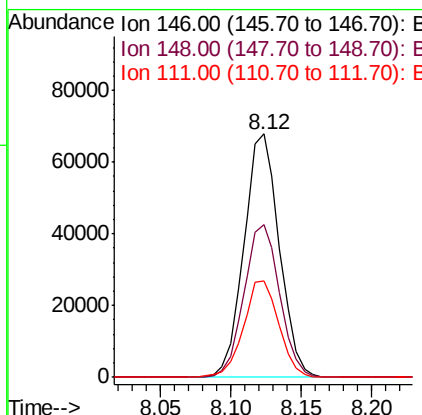
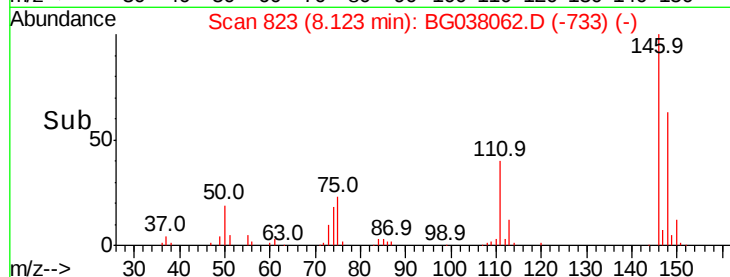
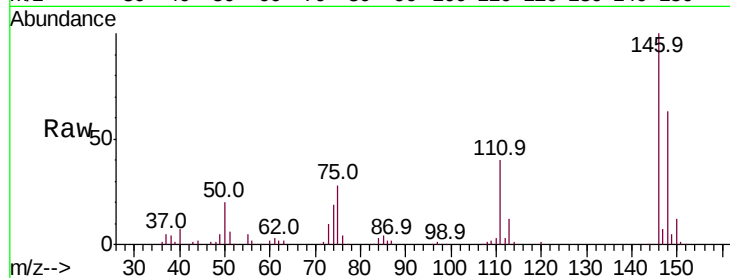
ClientSampleId :

PB114874BS

Tot Ion:	146	Resp:	118755
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.0	76.6
111	39.5	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 36.201 ng

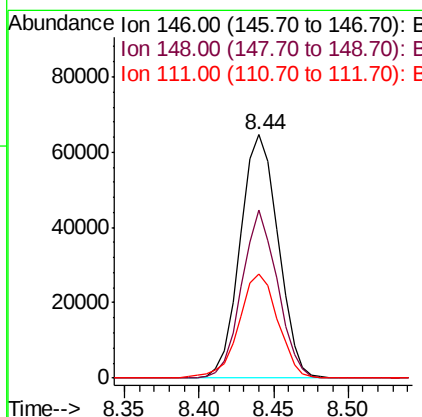
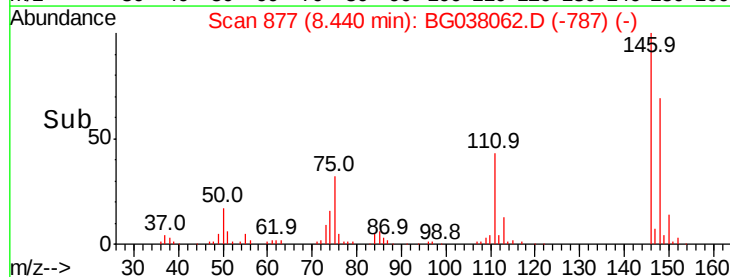
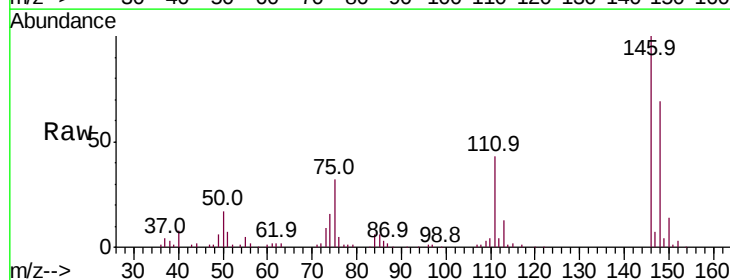
RT: 8.44 min Scan# 877

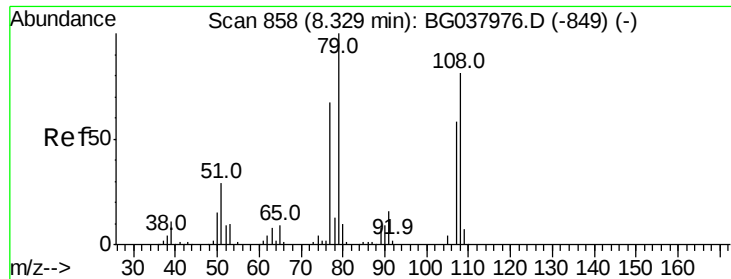
Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	146	Resp:	114076
Ion Ratio	Lower	Upper	
146	100		
148	69.2	50.4	75.6
111	43.0	34.6	51.8





#15

Benzyl Alcohol

Concen: 39.329 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

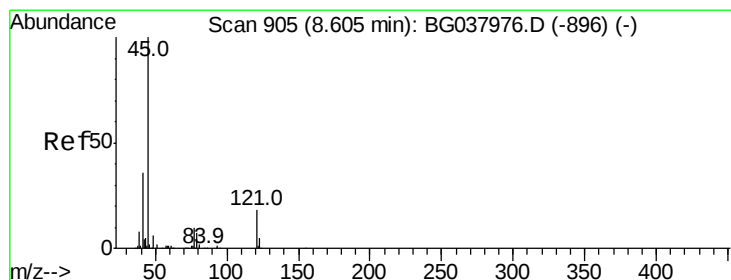
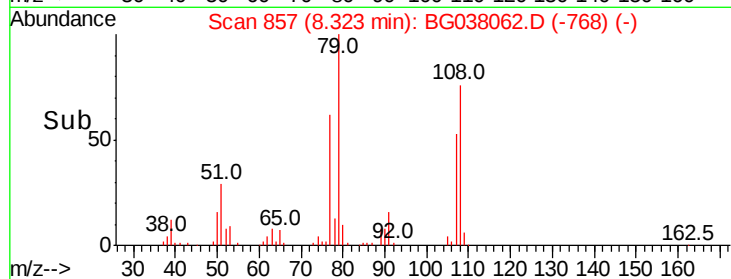
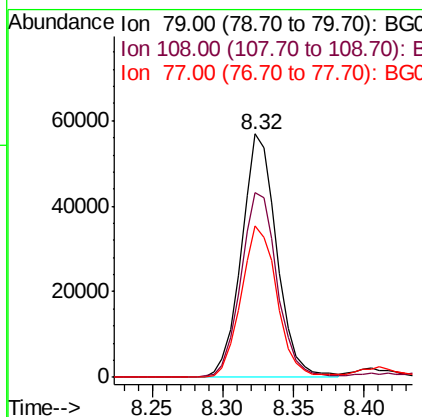
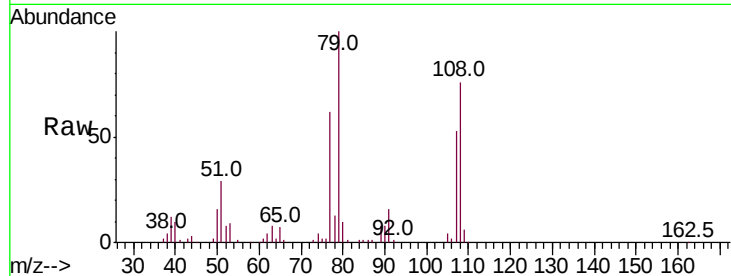
ClientSampleId :

PB114874BS

Tot Ion:	79	Resp:	99294
Ion Ratio	Lower	Upper	
79	100		
108	75.8	65.8	98.8
77	62.2	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.967 ng

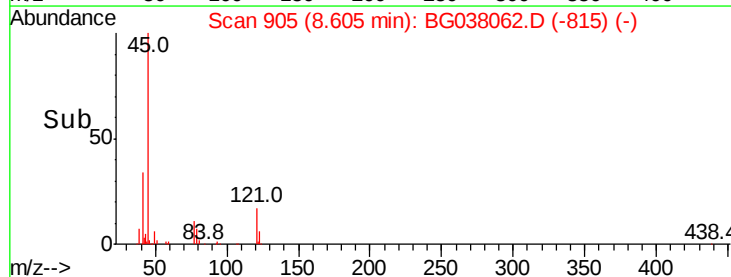
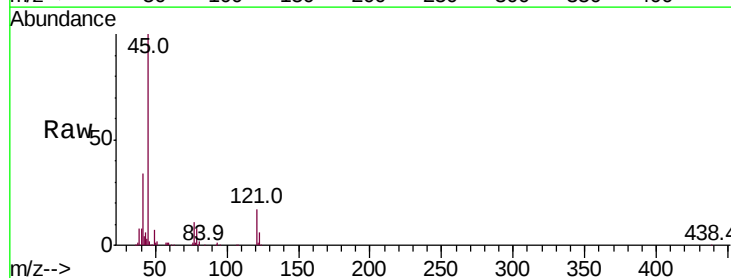
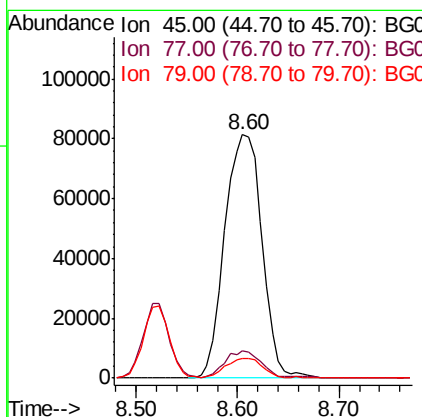
RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	45	Resp:	207109
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	30.0
79	8.1	0.0	29.0





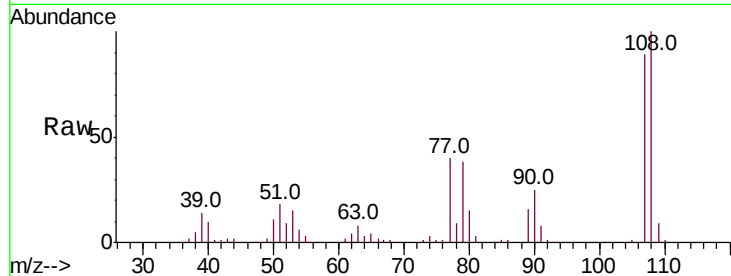
#17
2-Methylphenol
Concen: 39.521 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

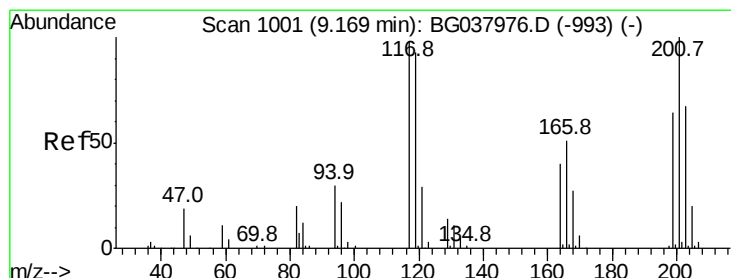
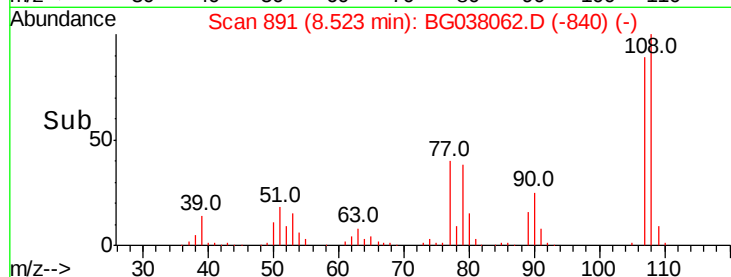
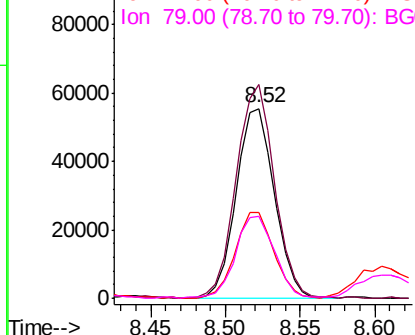
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	87.9	131.9
77	45.3	35.1	52.7
79	43.3	34.5	51.7

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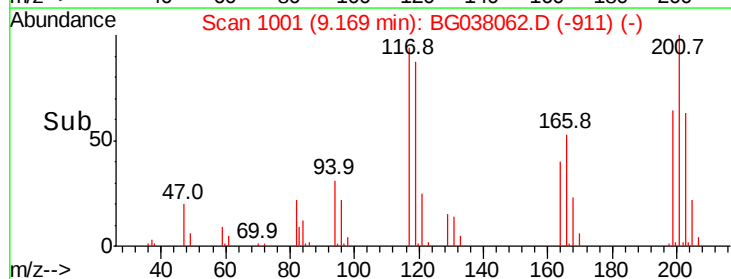
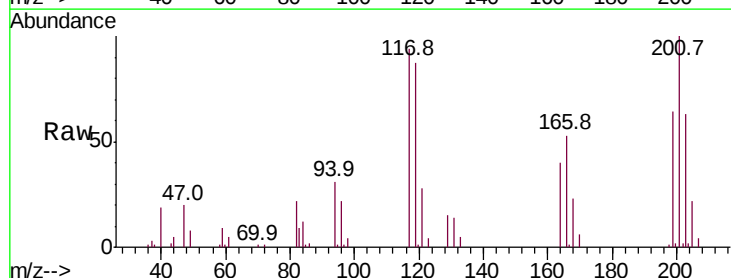
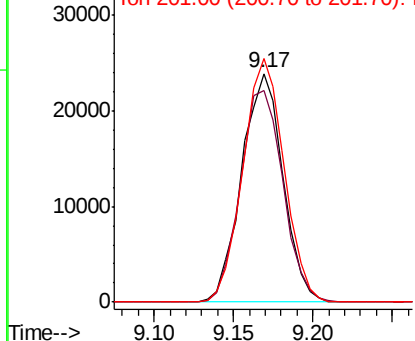
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

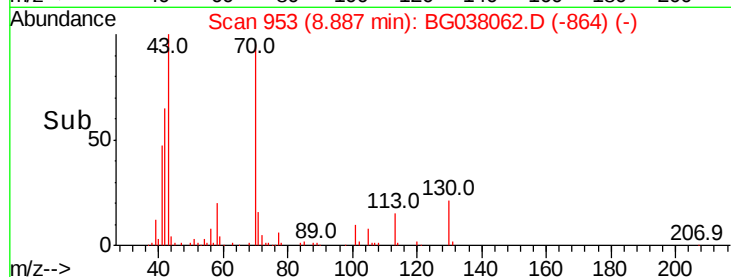
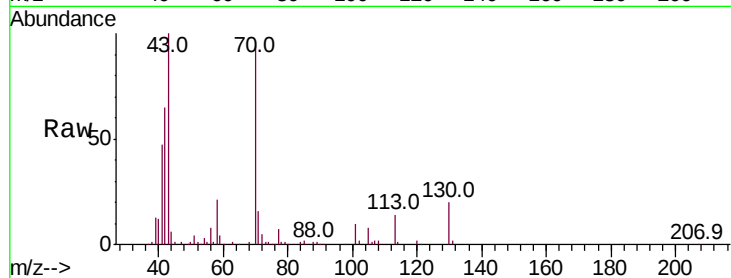
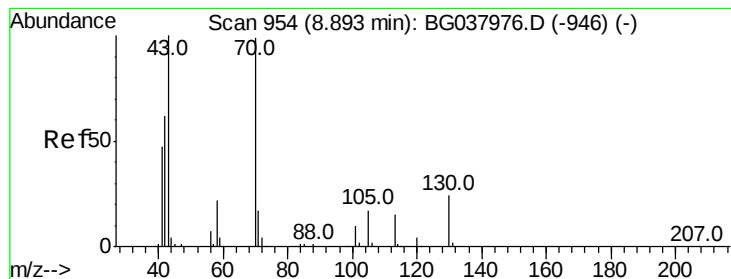


#18
Hexachloroethane
Concen: 36.008 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	74.6	111.8
201	106.4	80.8	121.2

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.427 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

ClientSampleId :

PB114874BS

Tot Ion: 70 Resp: 86916

Ion Ratio Lower Upper

70 100

42 68.6 53.9 80.9

101 10.6 8.2 12.2

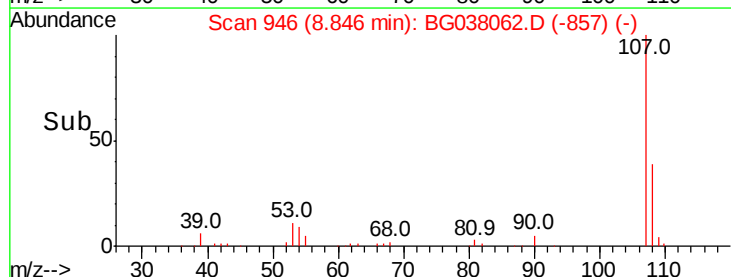
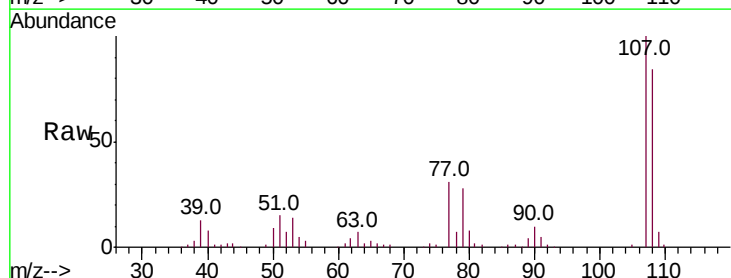
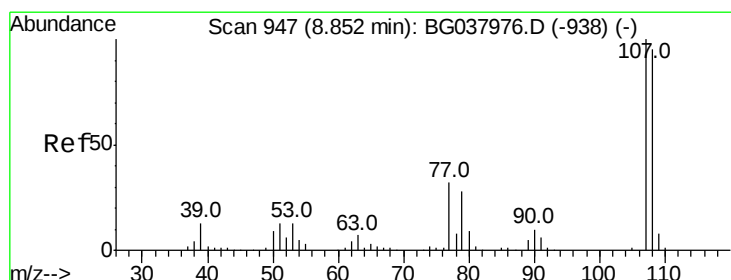
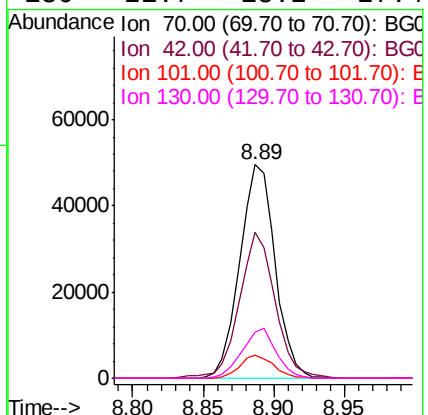
130 21.7 18.2 27.4

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#20

3+4-Methylphenols

Concen: 37.954 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion: 107 Resp: 134435

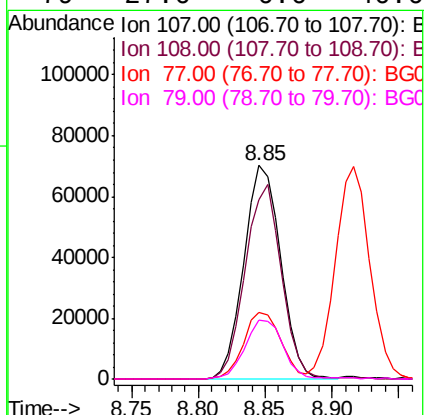
Ion Ratio Lower Upper

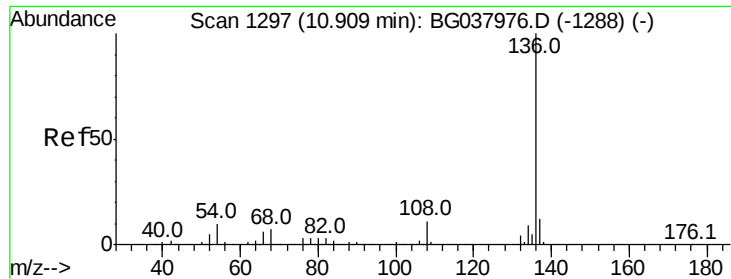
107 100

108 83.9 69.9 109.9

77 31.2 11.2 51.2

79 27.6 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: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

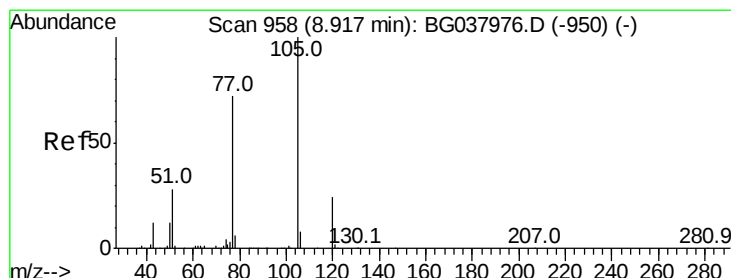
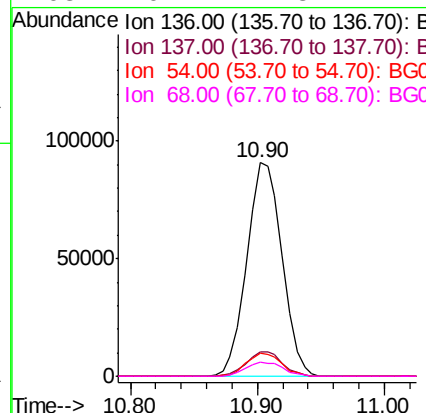
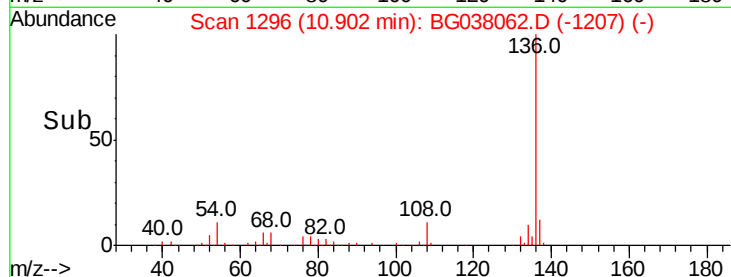
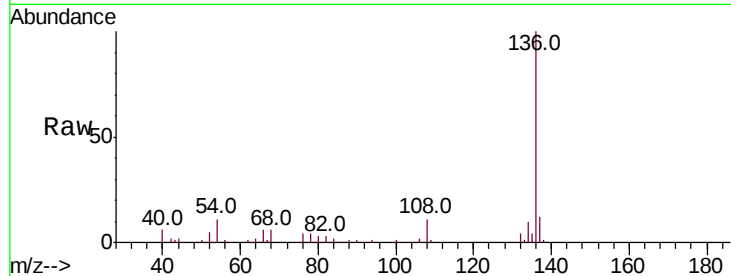
ClientSampleId :

PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	174770		
137	11.5	9.6	14.4	
54	10.7	7.9	11.9	
68	6.4	4.8	7.2	

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#22

Acetophenone

Concen: 38.022 ng

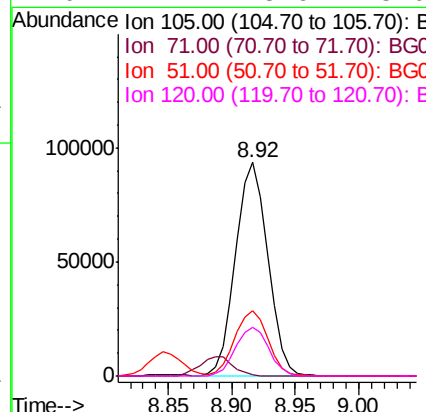
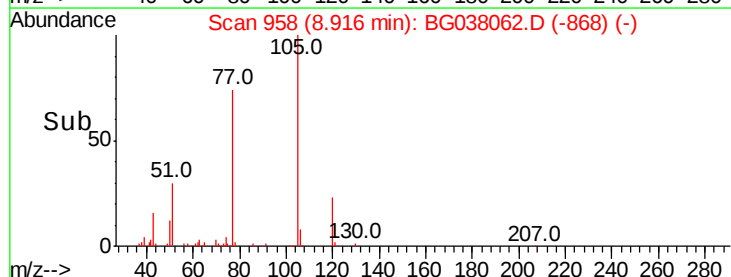
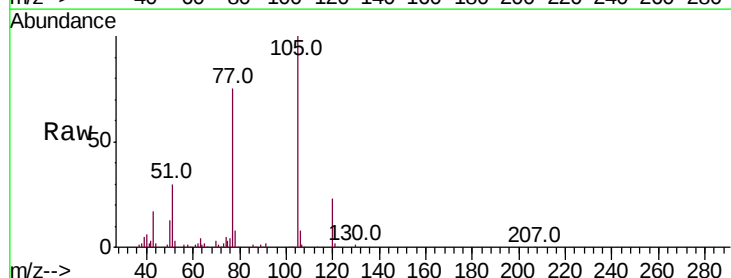
RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165335		
71	0.6	1.2	1.8#	
51	30.3	25.0	37.6	
120	22.7	18.6	28.0	





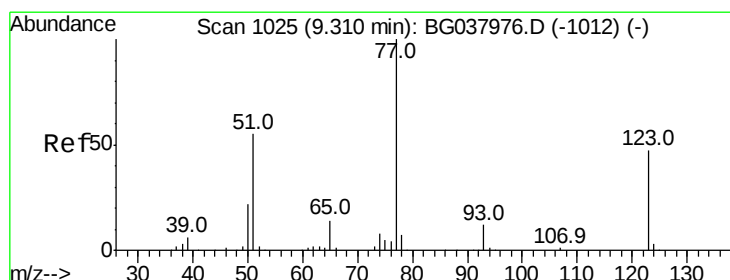
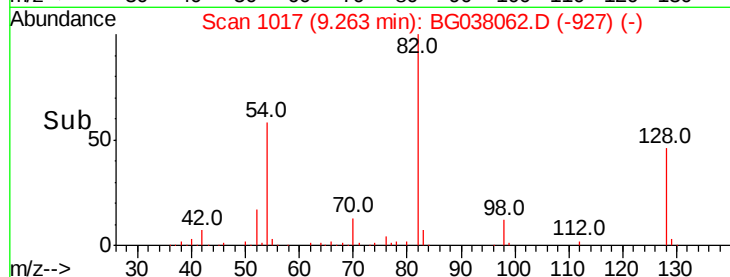
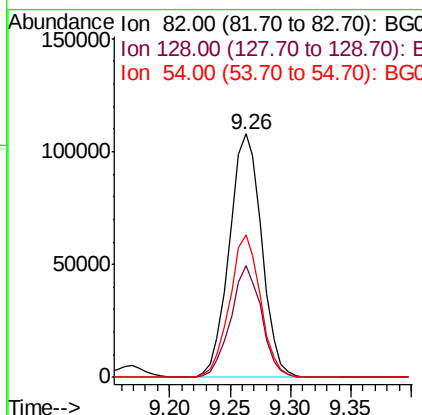
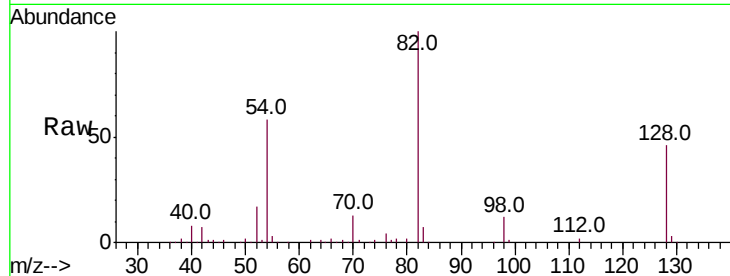
#23
Nitrobenzene-d5
Concen: 61.530 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	58.3	45.3	67.9

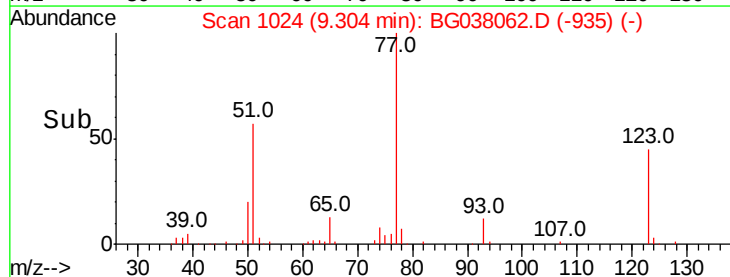
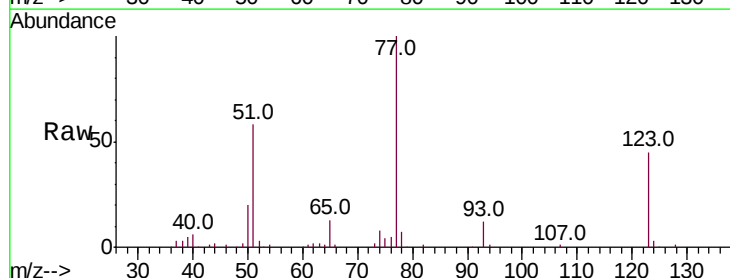
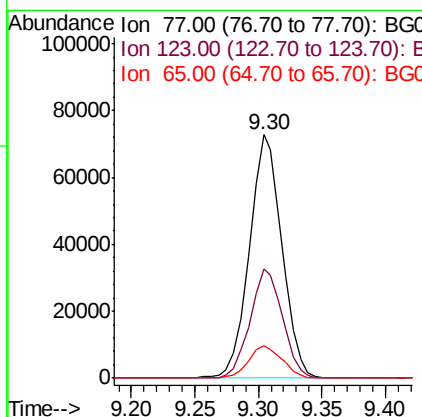
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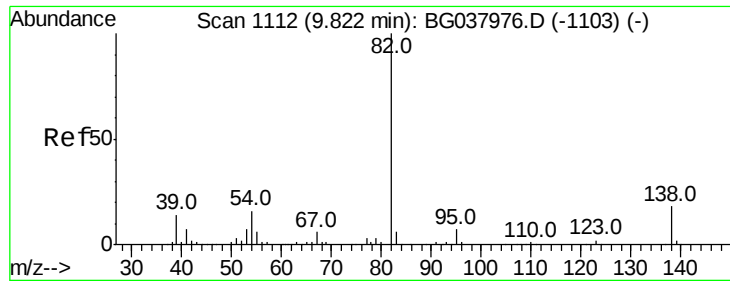
Sohil
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#24
Nitrobenzene
Concen: 38.831 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	33.6	50.4
65	13.4	11.3	16.9





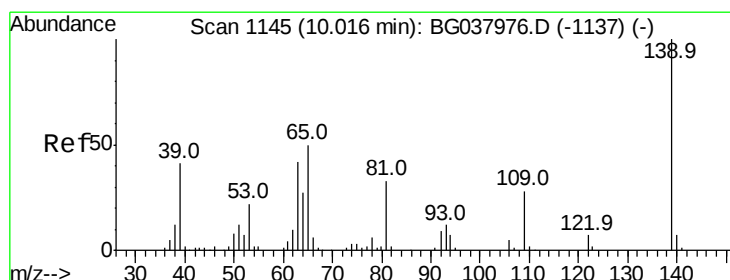
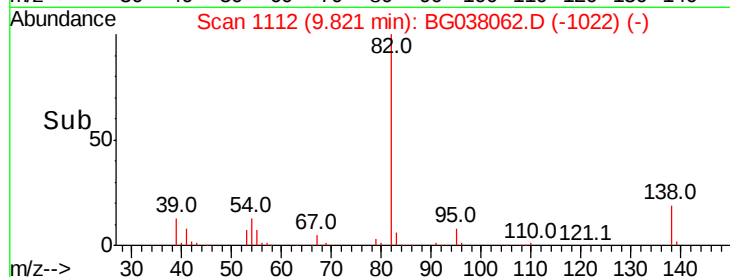
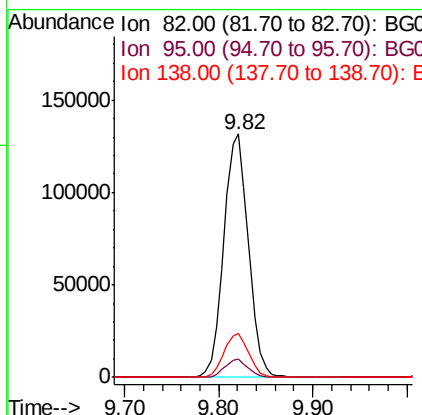
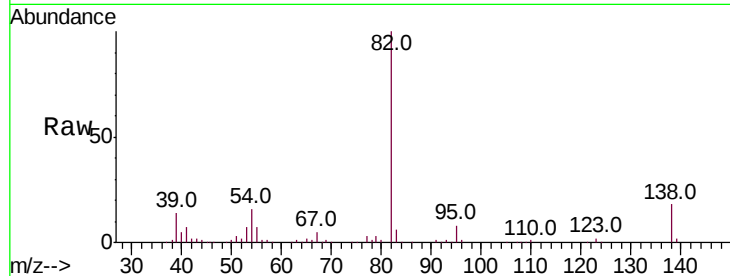
#25
Isophorone
Concen: 40.529 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	82	Resp	238166
Ion Ratio	100	Lower	Upper
82	100		
95	7.6	5.3	7.9
138	18.3	13.3	19.9

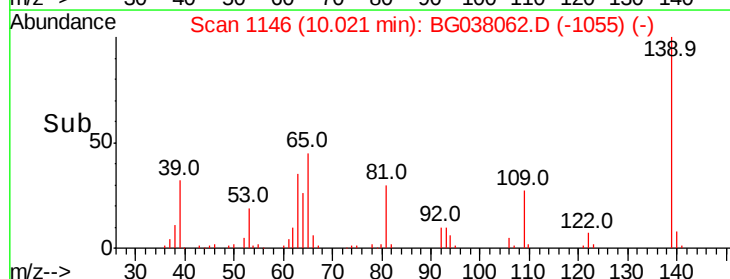
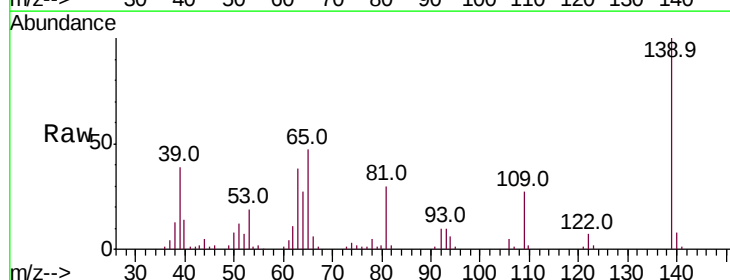
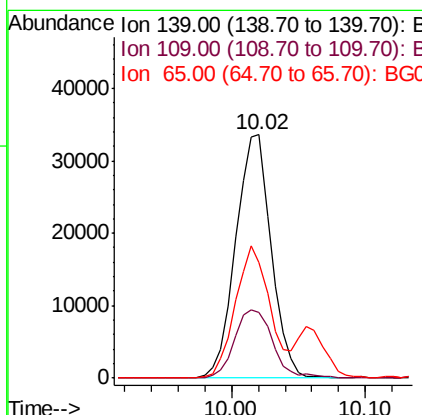
Manual Integrations
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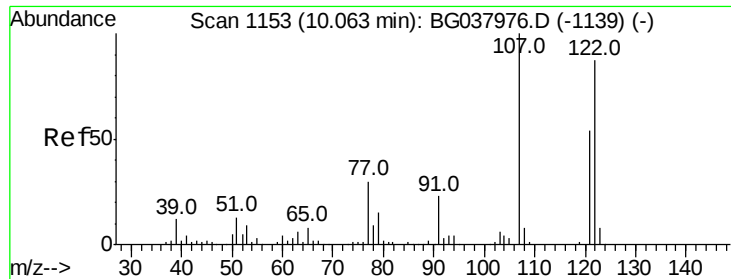
Sohil
11/20/2018 9:41:40 AM



#26
2-Nitrophenol
Concen: 36.984 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	139	Resp	61665
Ion Ratio	100	Lower	Upper
139	100		
109	26.9	23.3	34.9
65	47.3	39.8	59.8





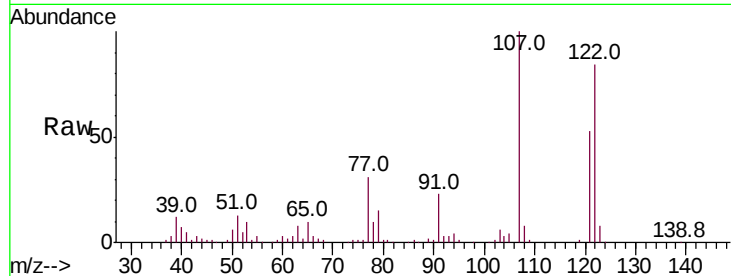
#27
2,4-Dimethylphenol
Concen: 45.327 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.4	94.2	141.2
121	63.2	47.3	70.9

Manual Integrations
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11/20/2018 9:41:40 AM

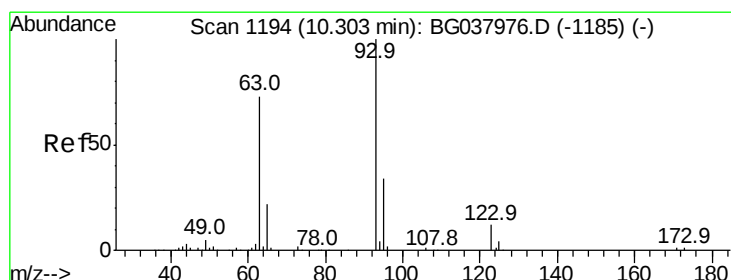
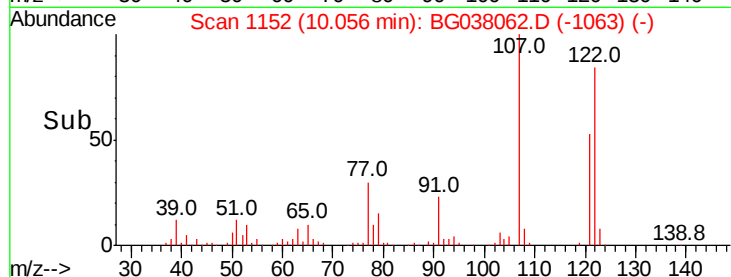
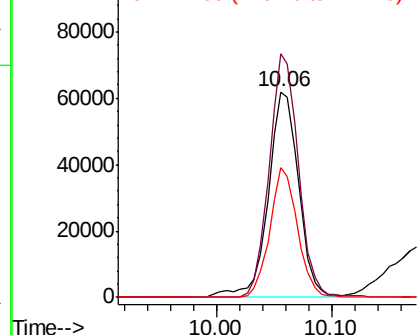


Abundance

Ion 122.00 (121.70 to 122.70): E

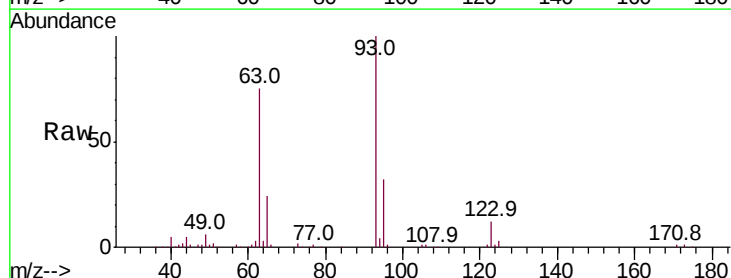
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.374 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.6	37.0
123	12.2	9.1	13.7

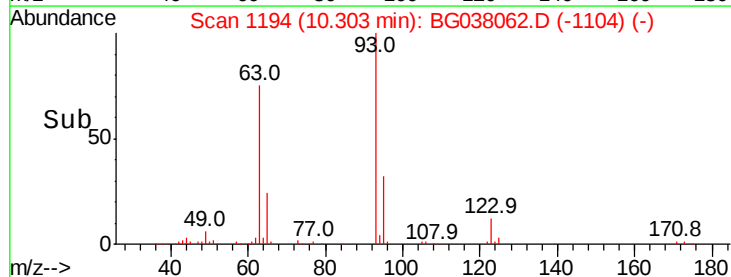
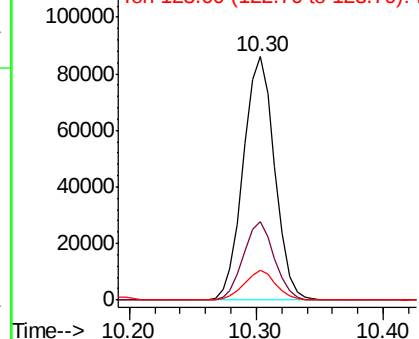


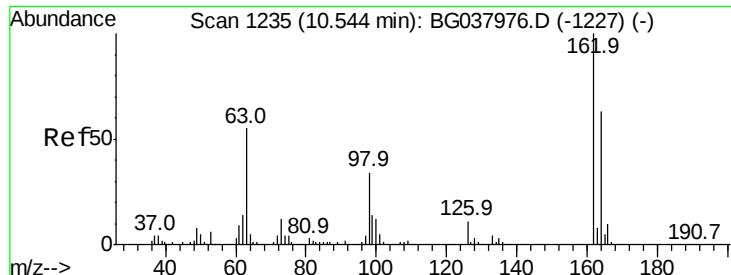
Abundance

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





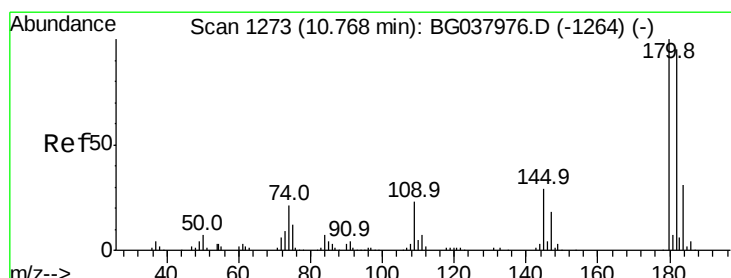
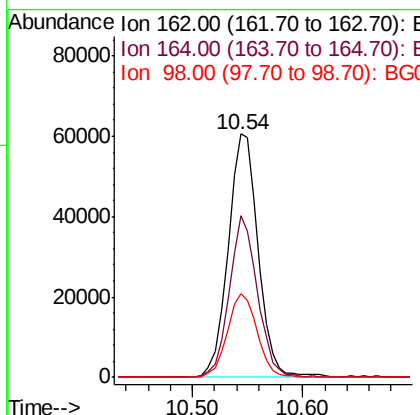
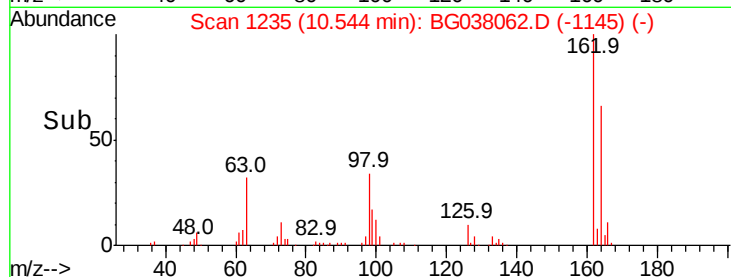
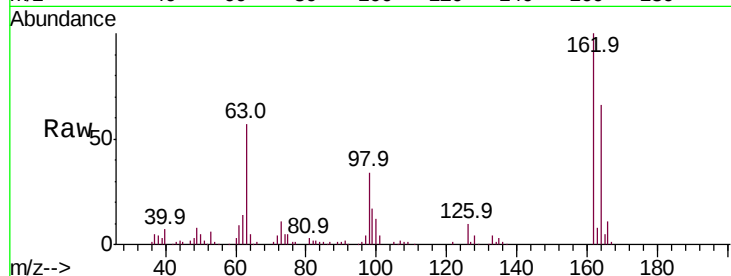
#29
 2,4-Dichlorophenol
 Concen: 40.771 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	115205		
164	66.2	43.2	83.2	
98	34.4	16.0	56.0	

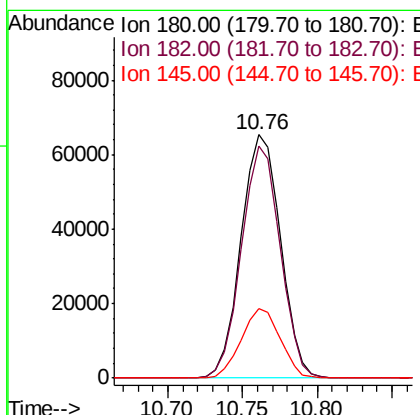
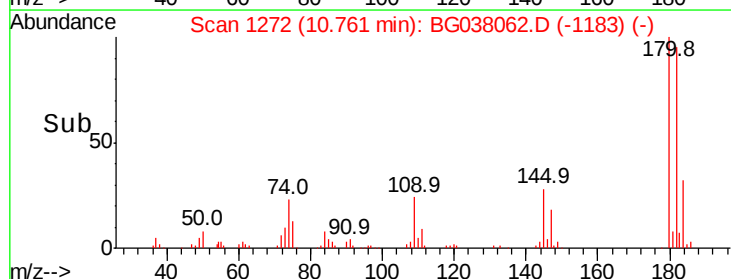
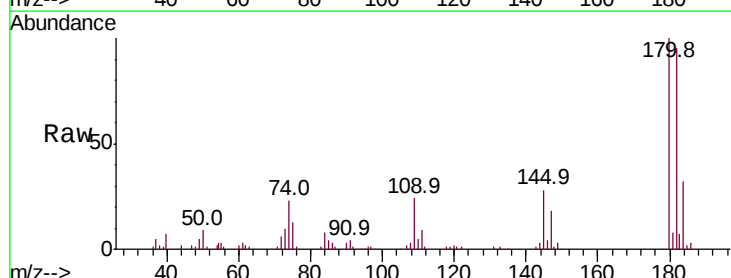
Manual Integrations
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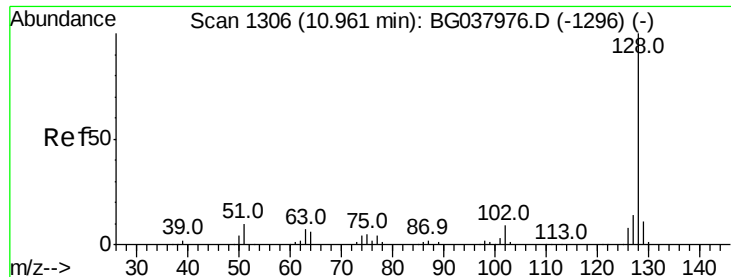
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 11/20/2018 9:41:40 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.715 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119423		
182	95.2	77.7	116.5	
145	28.3	23.3	34.9	





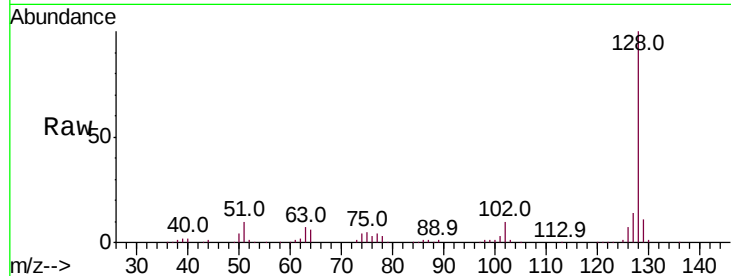
#31
Naphthalene
Concen: 40.416 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

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

Manual Integrations
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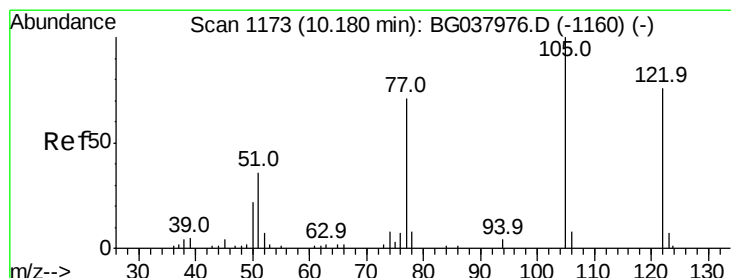
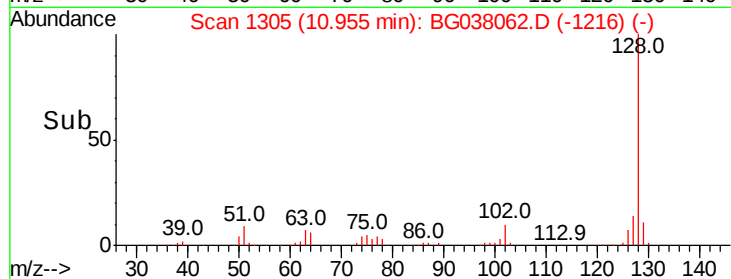
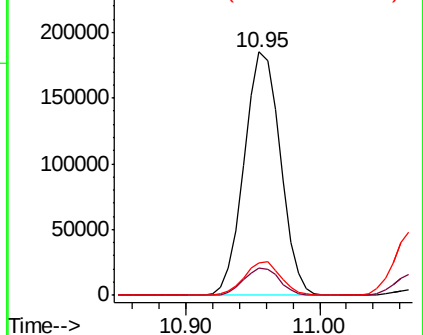


Abundance

Ion 128.00 (127.70 to 128.70): E

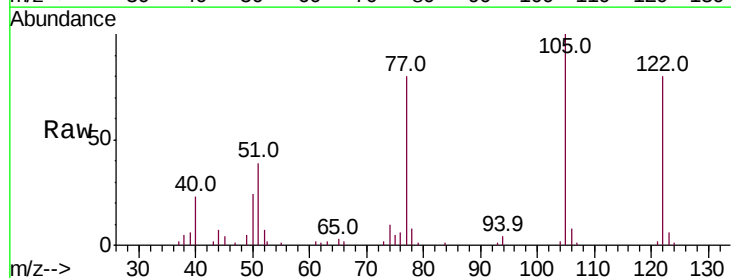
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 35.703 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	106.7	146.7
77	99.8	72.2	112.2

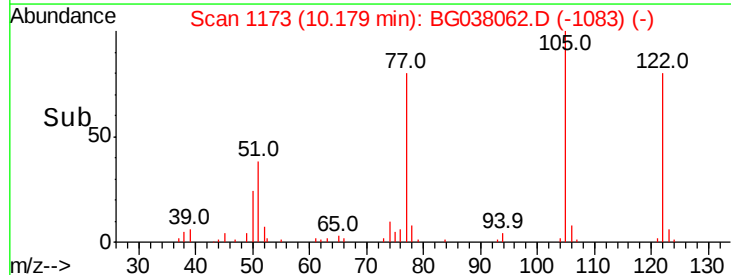
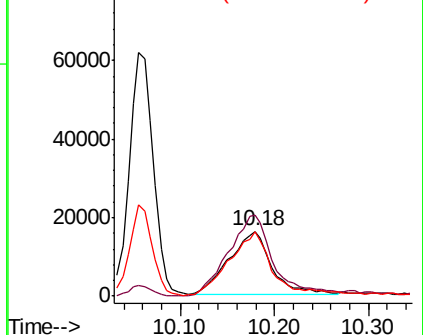


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





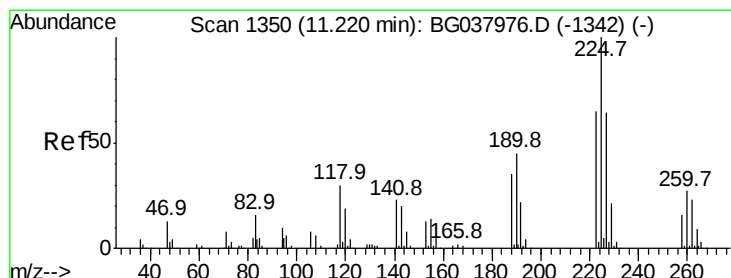
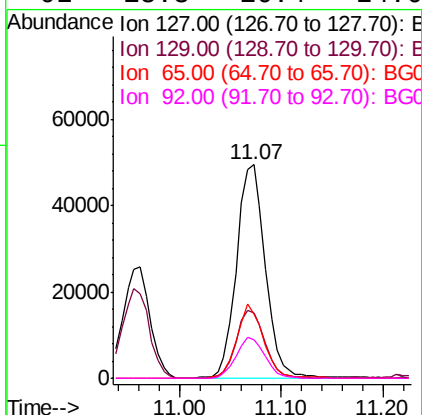
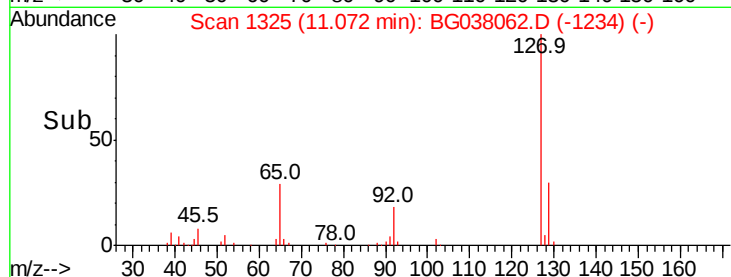
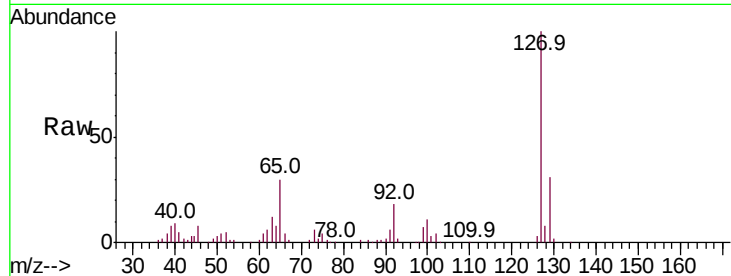
#33
4-Chloroaniline
Concen: 24.484 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	27.1	40.7	
65	29.8	26.6	39.8	
92	18.3	16.4	24.6	

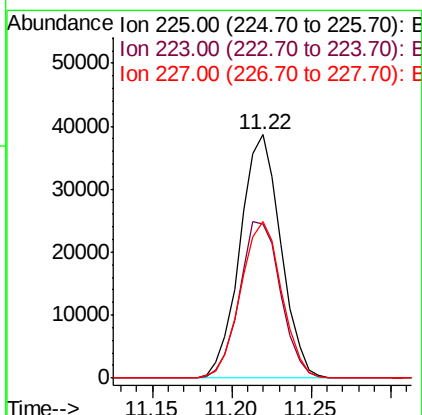
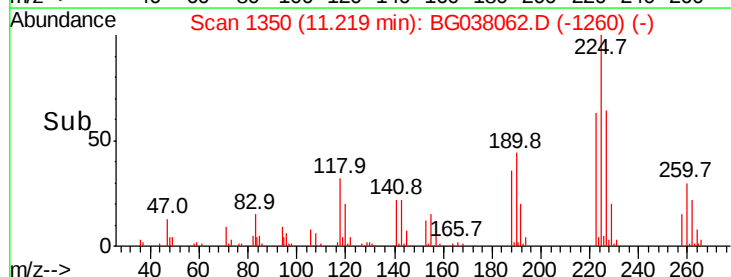
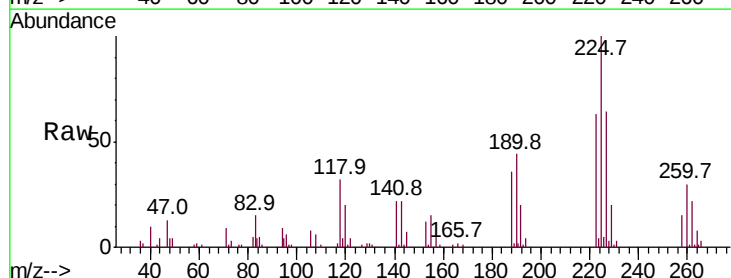
Manual Integrations
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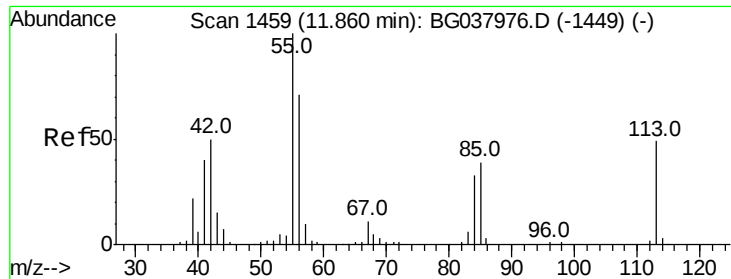
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#34
Hexachlorobutadiene
Concen: 35.368 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.2	48.2	72.4	
227	64.1	51.6	77.4	





#35

Caprolactam

Concen: 35.669 ng/mL

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

ClientSampleID :

PB114874BS

Tot Ion: 113 Resp: 40343

Ion Ratio Lower Upper

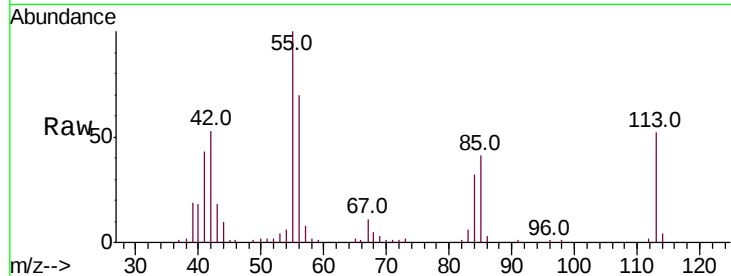
113 100

55 193.2 176.6 216.6

56 135.0 128.3 168.3

Manual Integrations
APPROVED

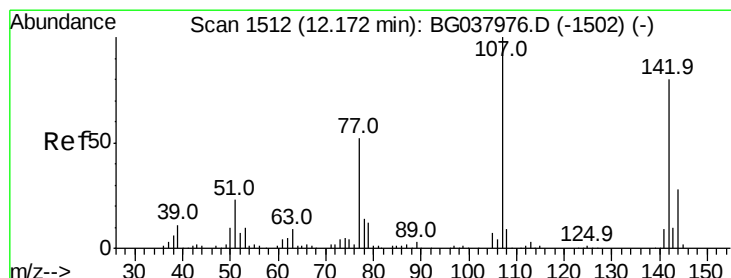
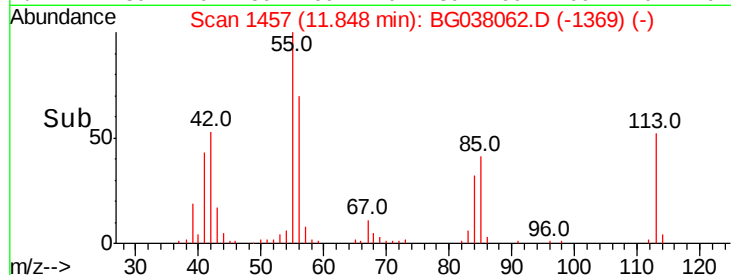
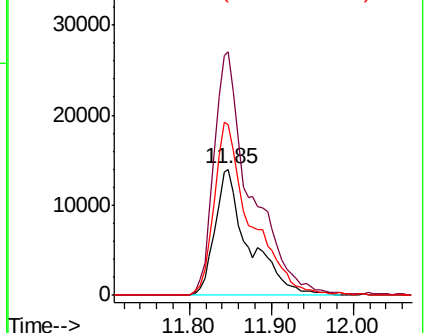
Sohil
11/20/2018 9:41:40 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 38.581 ng/mL

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

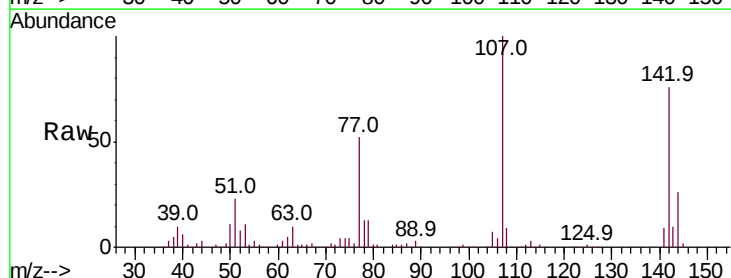
Tgt Ion: 107 Resp: 119102

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

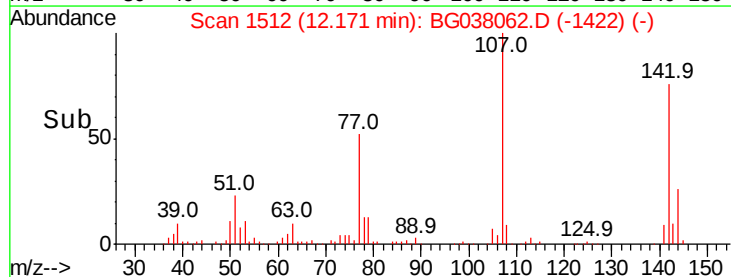
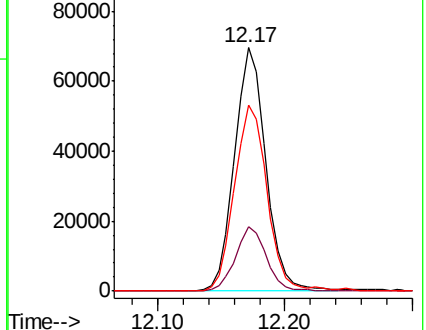
142 76.3 64.4 96.6

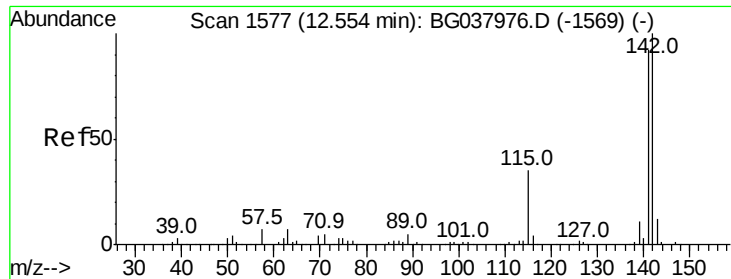


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





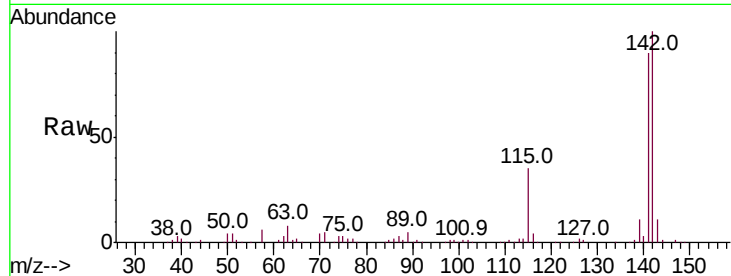
#37
2-Methylnaphthalene
Concen: 40.916 ng
RT: 12.55 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	35.2	27.8	41.8

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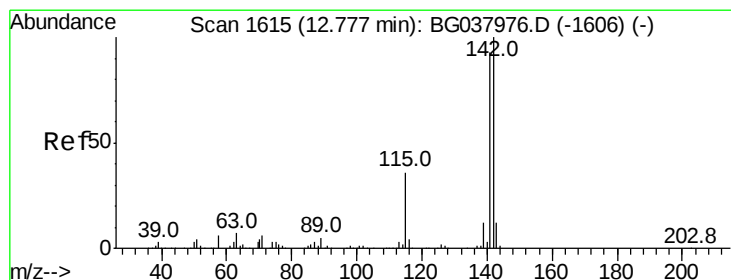
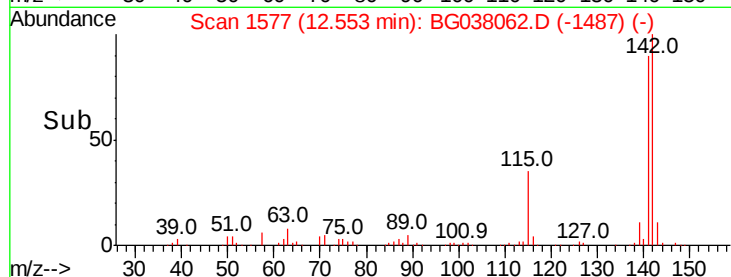
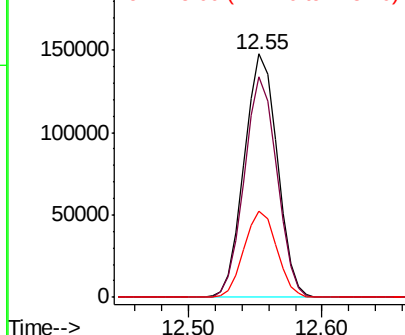


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 40.687 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

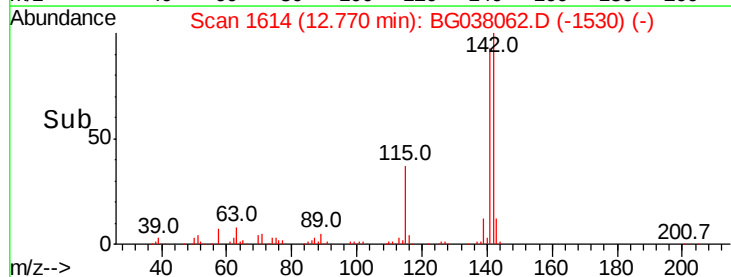
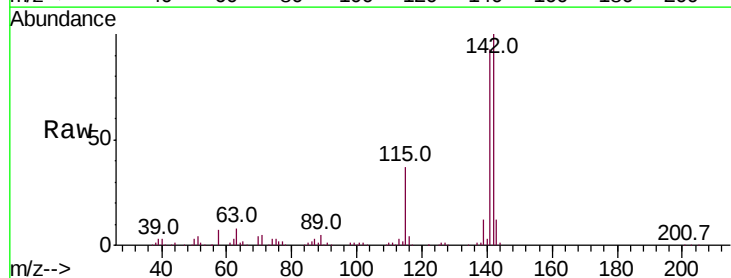
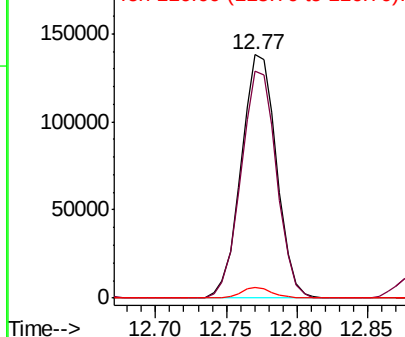
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	4.3	3.3	4.9

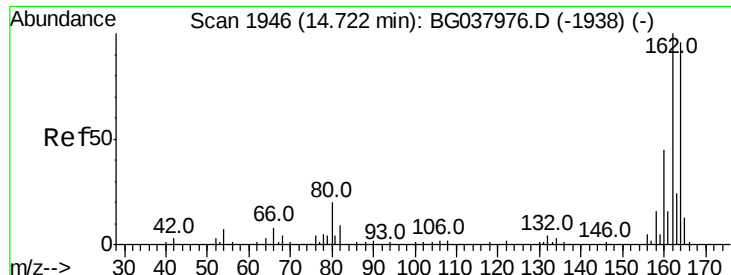
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





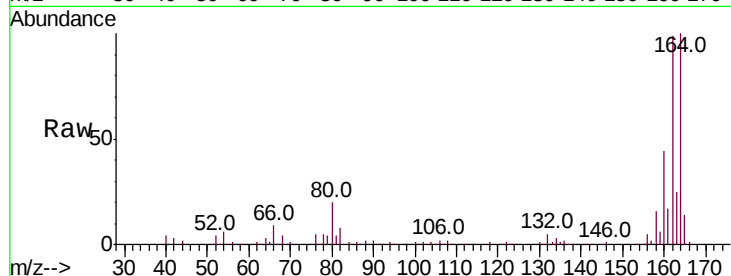
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.3	121.9
160	44.3	36.3	54.5

Manual Integrations
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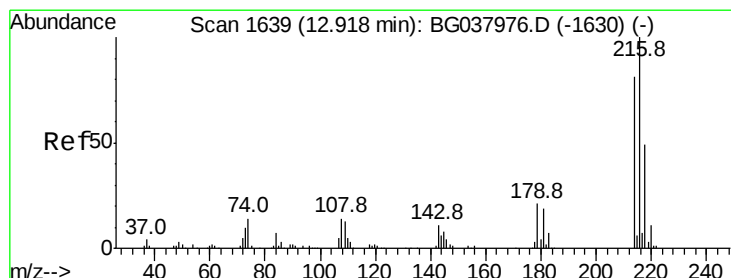
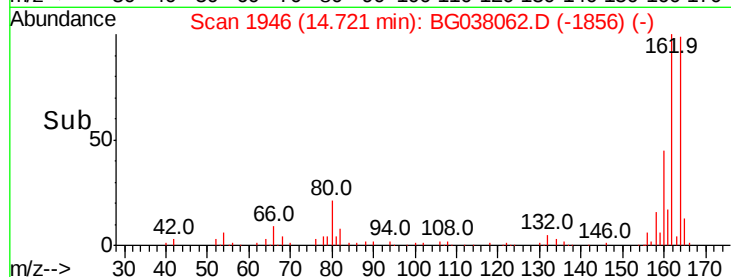
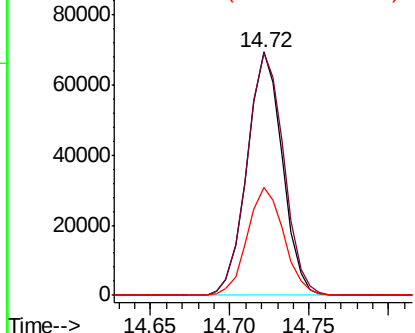


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.453 ng
RT: 12.92 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.8	95.6
179	20.5	17.4	26.0
108	19.3	13.9	20.9

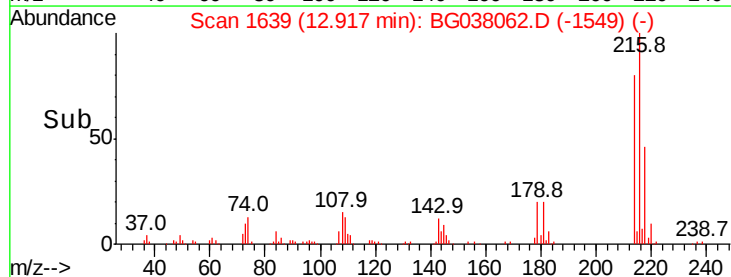
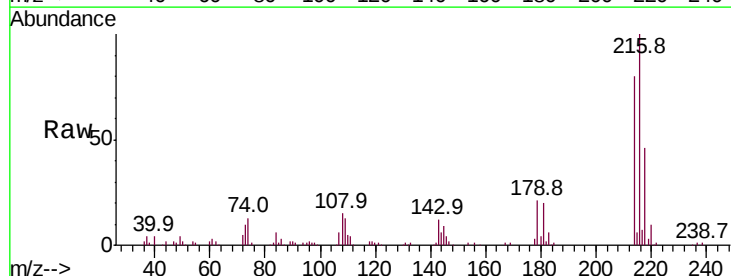
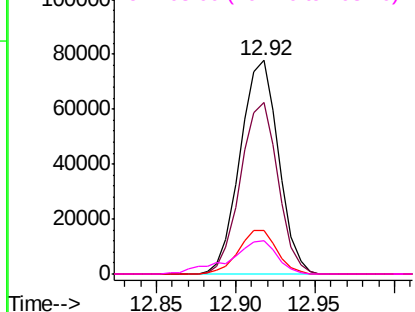
Abundance

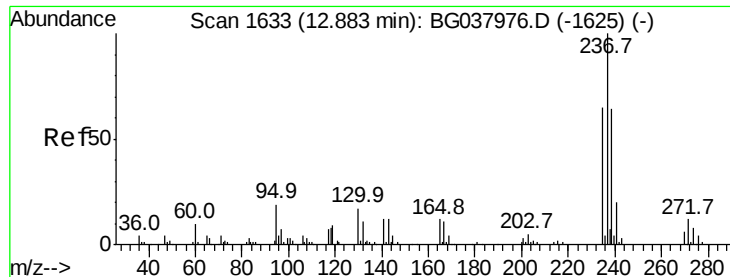
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.635 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

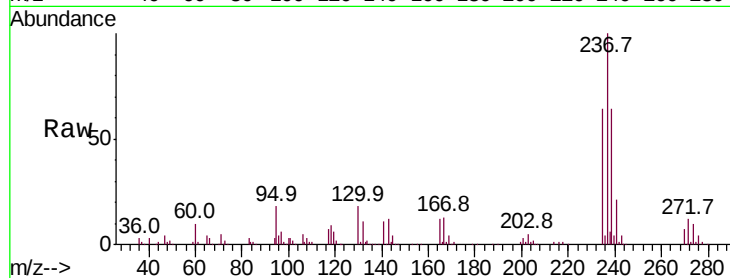
ClientSampleId :

PB114874BS

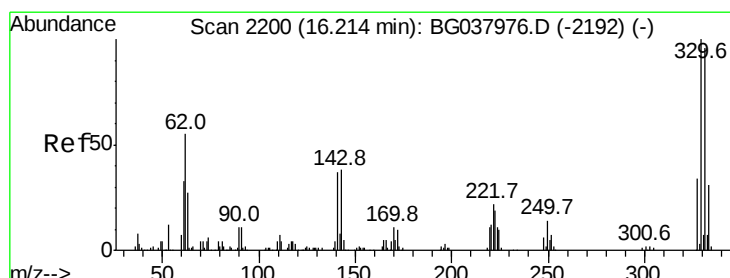
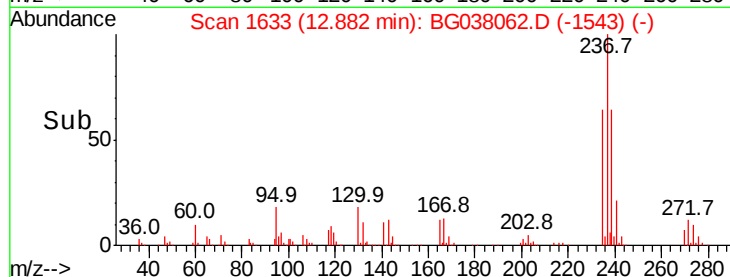
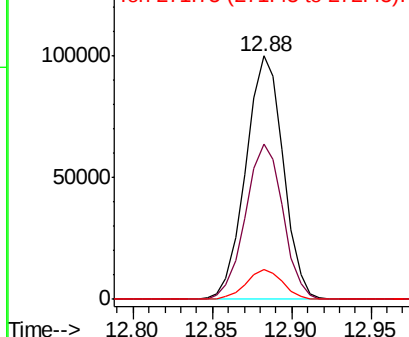
Tot Ion	Ratio	Resp	Lower	Upper
237	100	164376		
235	63.8	42.5	82.5	
272	12.2	0.0	31.6	

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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: 112.439 ng

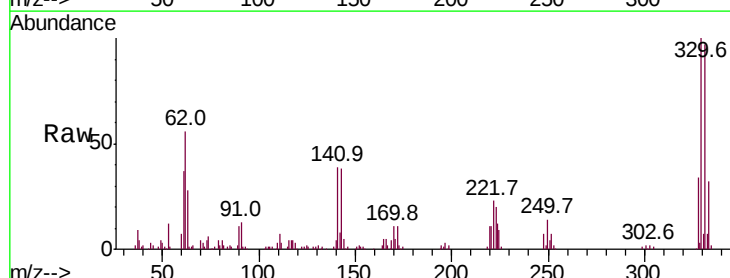
RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

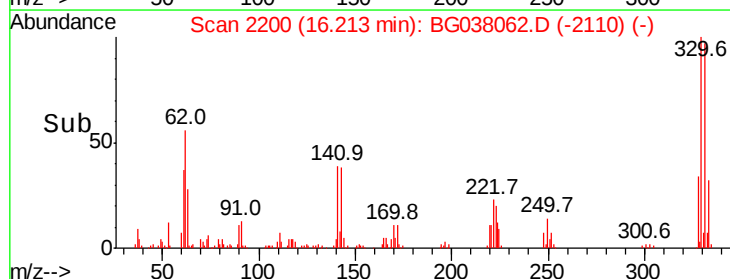
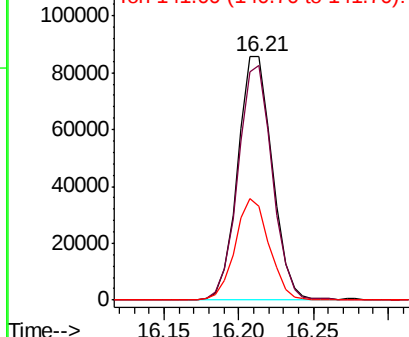
Lab File: BG038062.D

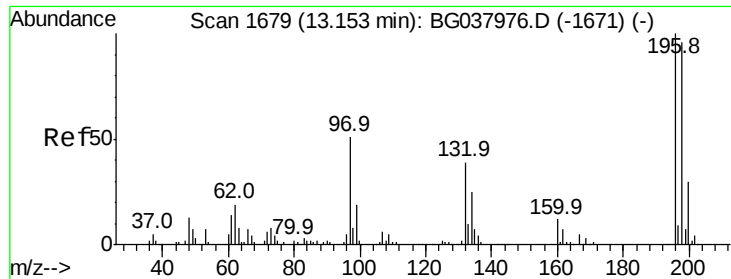
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	137563		
332	95.5	78.4	117.6	
141	41.3	32.2	48.2	



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





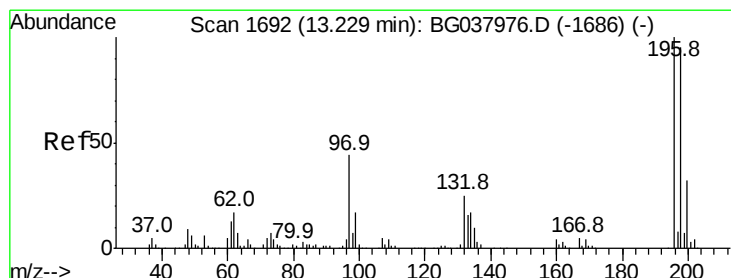
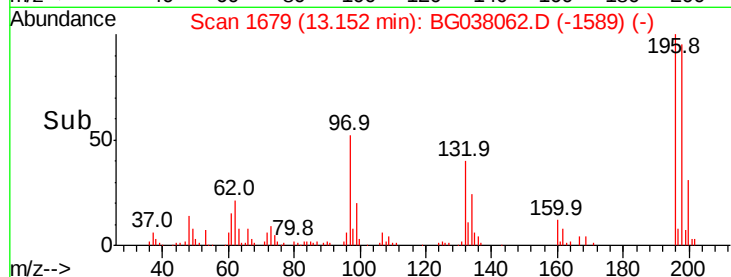
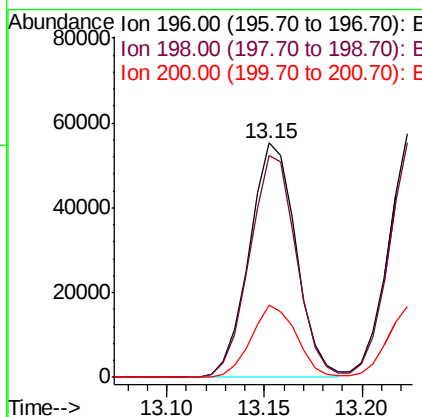
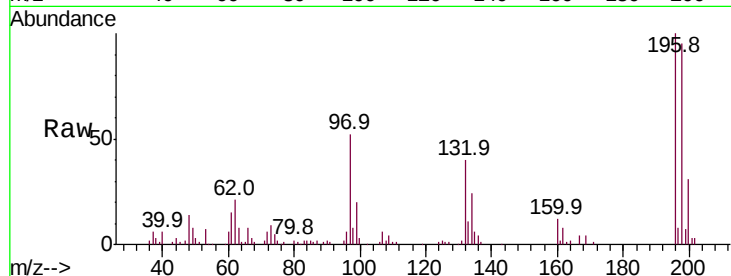
#43
 2,4,6-Trichlorophenol
 Concen: 37.416 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	91397		
198	94.6	76.4	114.6	
200	30.9	24.9	37.3	

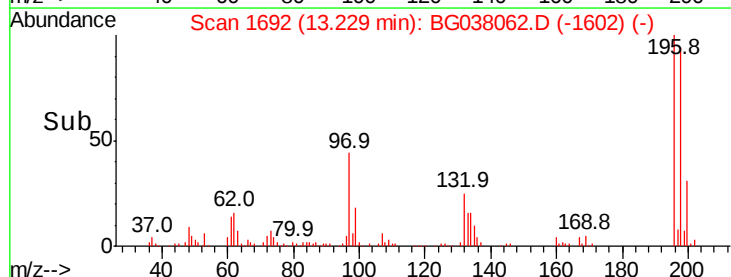
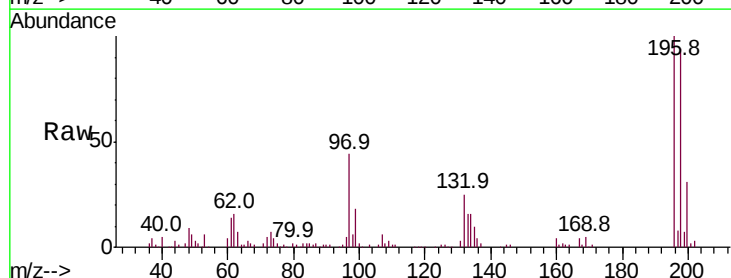
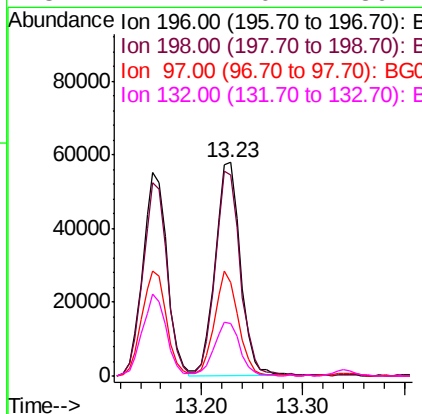
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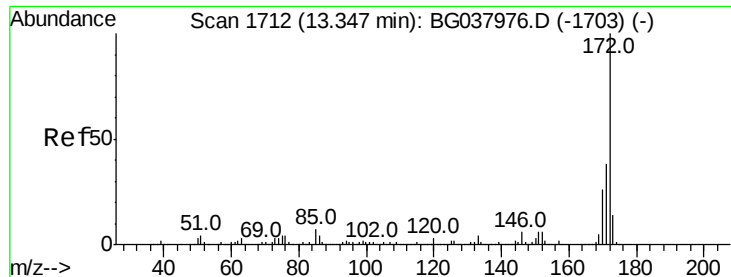
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#44
 2,4,5-Trichlorophenol
 Concen: 39.017 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100282		
198	94.2	74.2	111.2	
97	43.8	34.1	51.1	
132	24.7	20.2	30.4	





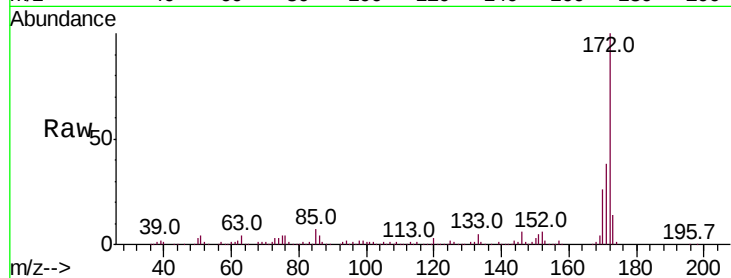
#45
2-Fluorobiphenyl
Concen: 60.018 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		441939		
171	38.3	31.0	46.4		
170	25.6	20.2	30.2		

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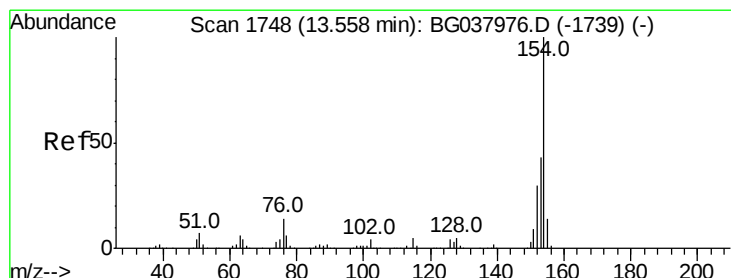
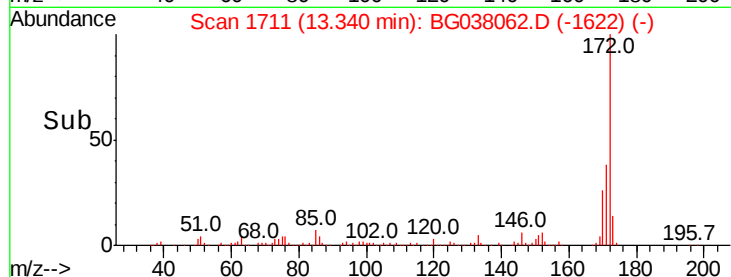
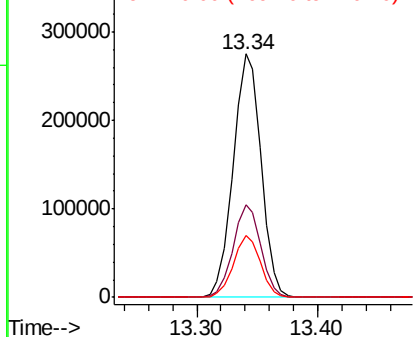


Abundance

Ion 172.00 (171.70 to 172.70): E

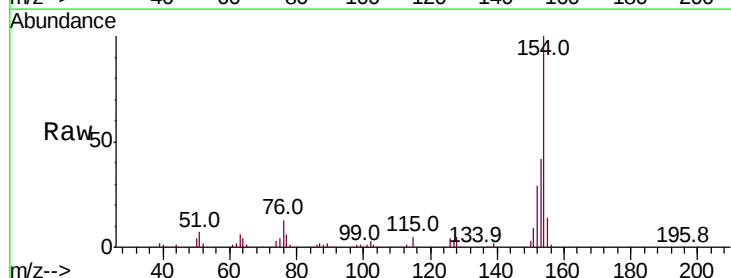
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 35.727 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		321978		
153	41.8	22.1	62.1		
76	13.3	0.0	33.2		

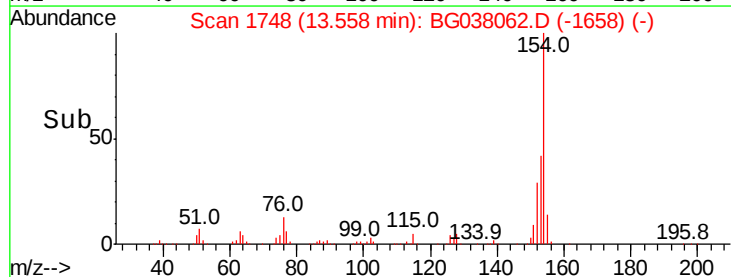
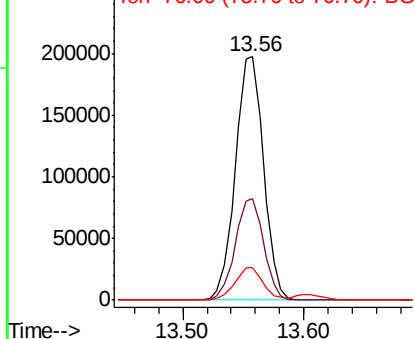


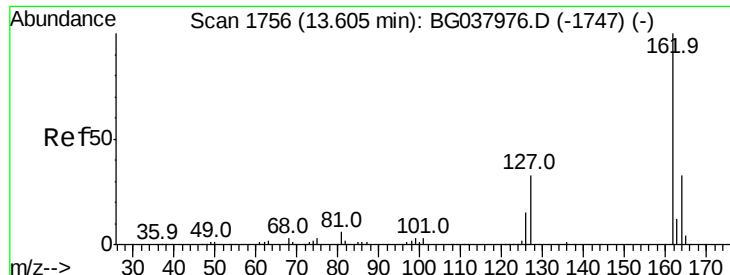
Abundance

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





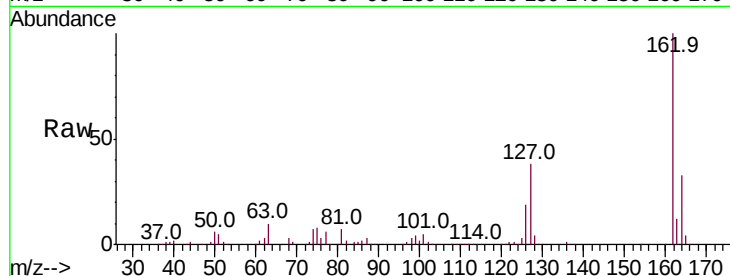
#47
 2-Chloronaphthalene
 Concen: 37.342 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

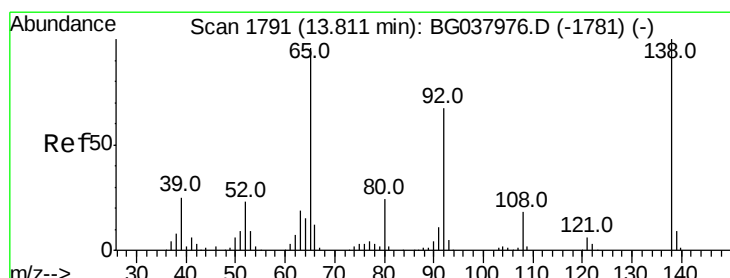
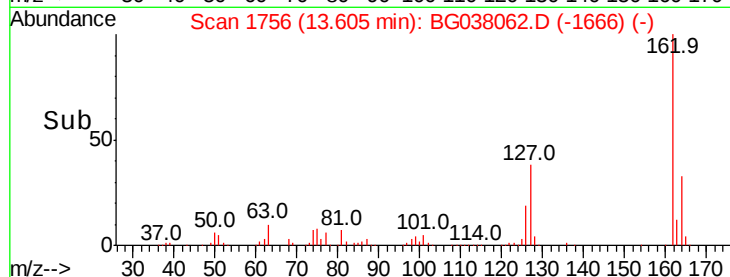
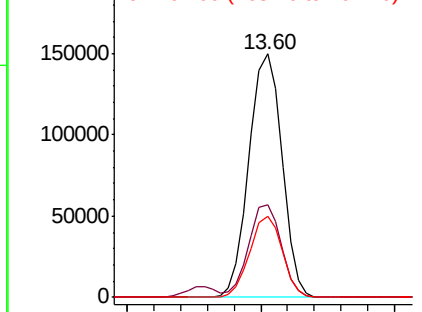
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	33.2	26.4	39.6

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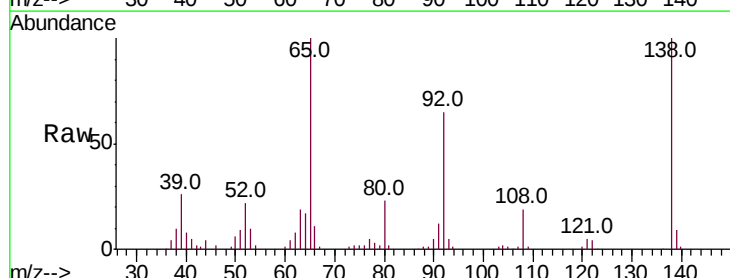


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

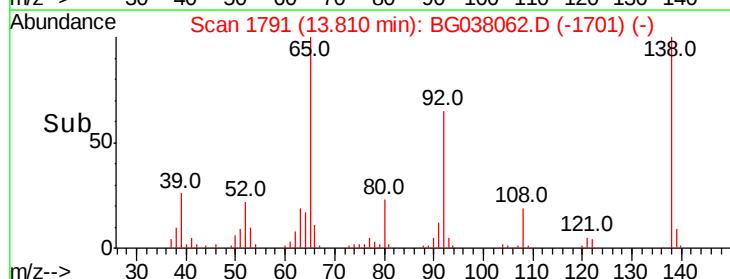
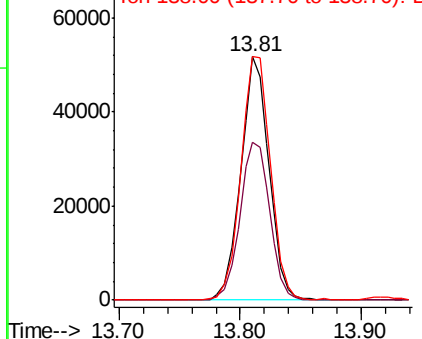


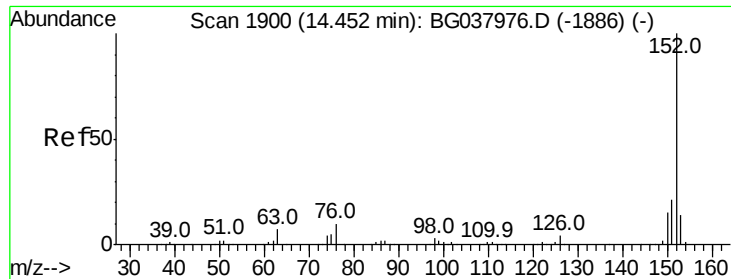
#48
 2-Nitroaniline
 Concen: 38.810 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.2	79.8
138	99.8	79.3	118.9



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





#49

Acenaphthylene

Concen: 40.841 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

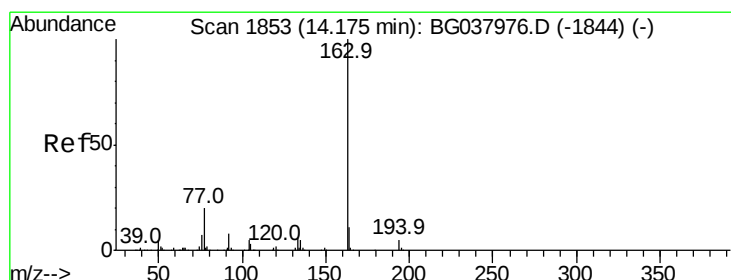
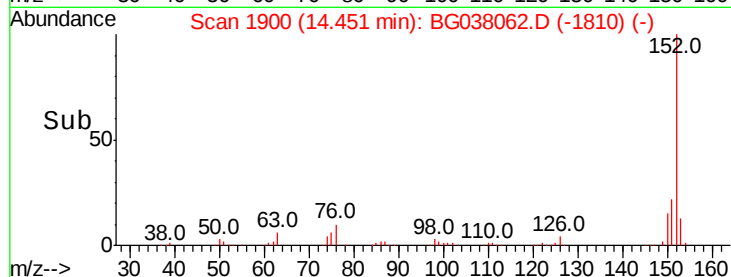
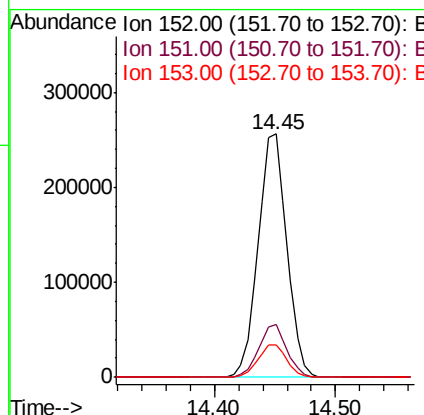
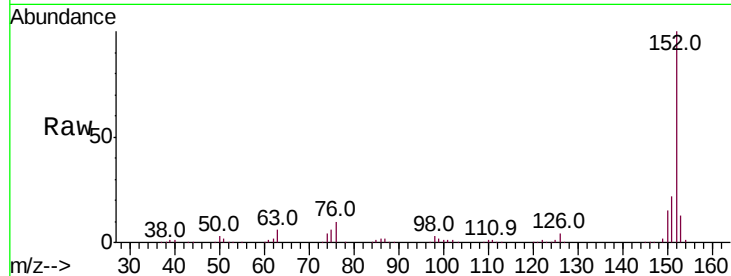
ClientSampleId :

PB114874BS

Tot Ion:	152	Resp:	422364
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	13.5	11.1	16.7

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#50

Dimethylphthalate

Concen: 37.788 ng

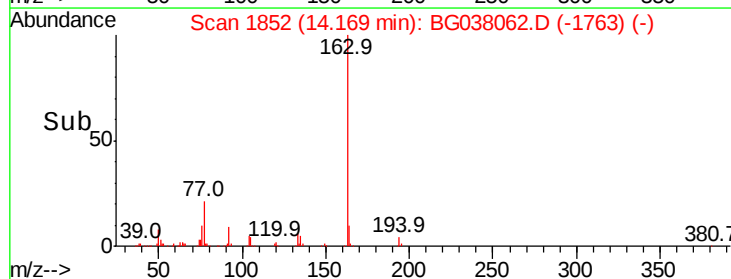
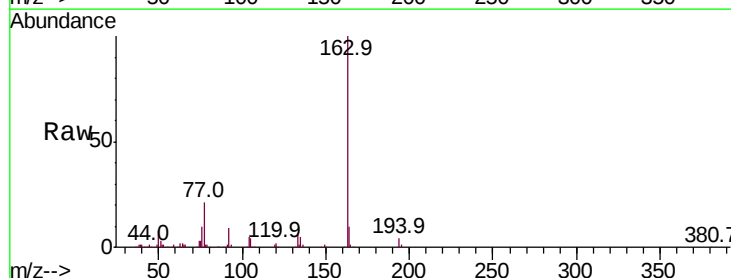
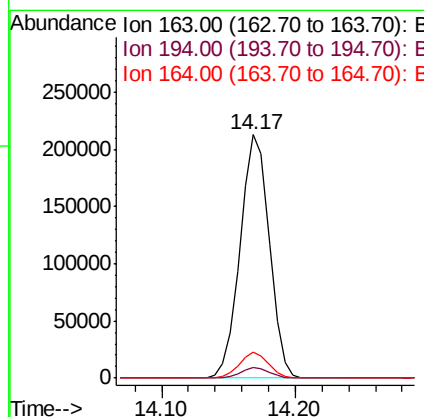
RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	163	Resp:	321366
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.5	12.7





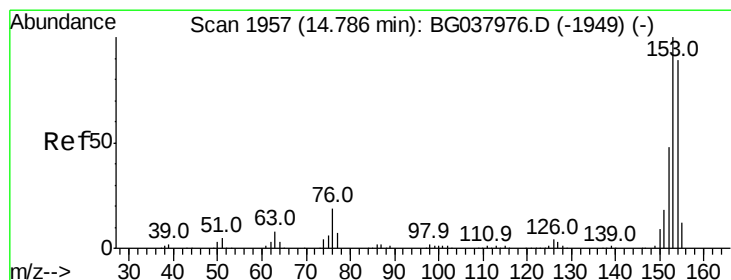
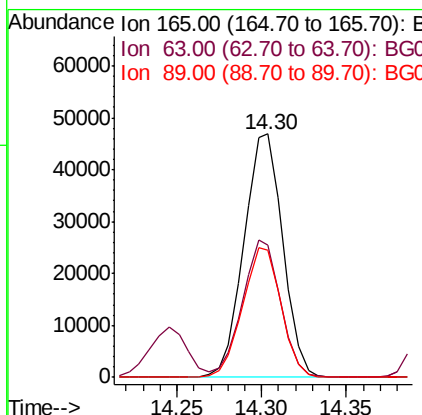
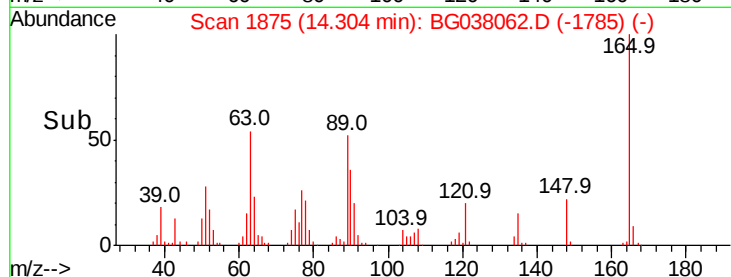
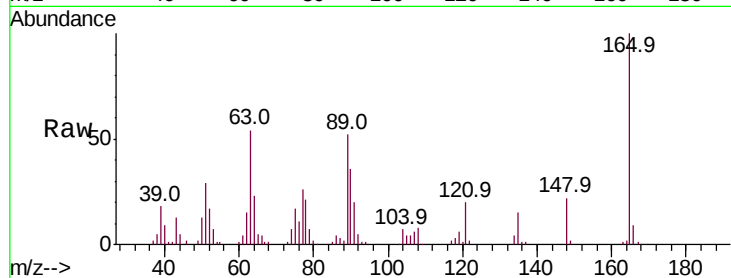
#51
2,6-Dinitrotoluene
Concen: 38.816 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	43.4	65.2
89	52.4	45.8	68.6

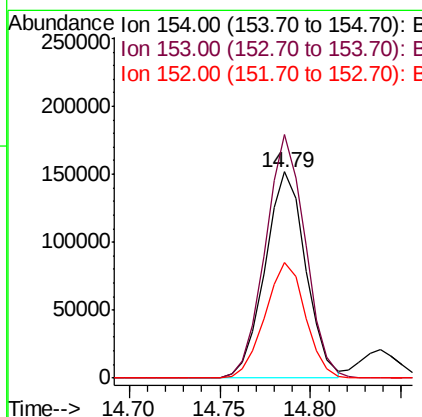
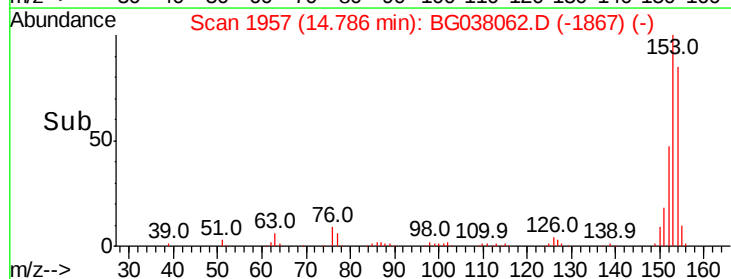
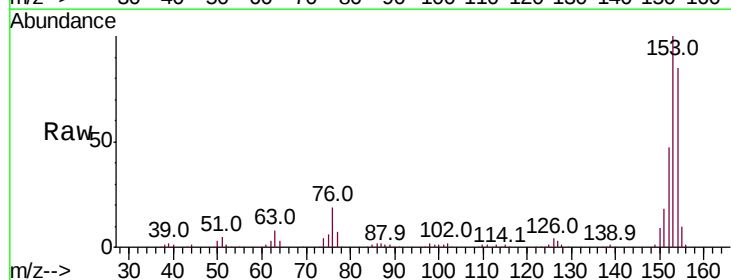
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#52
Acenaphthene
Concen: 38.047 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.2	93.4	140.0
152	56.1	44.7	67.1





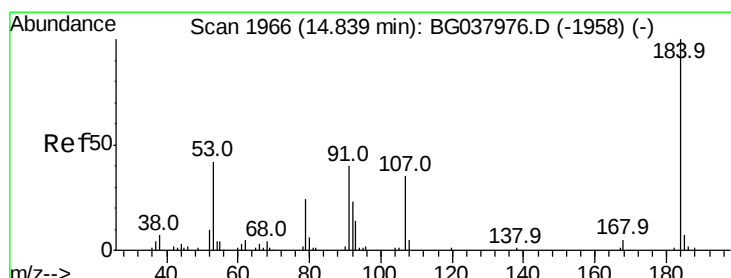
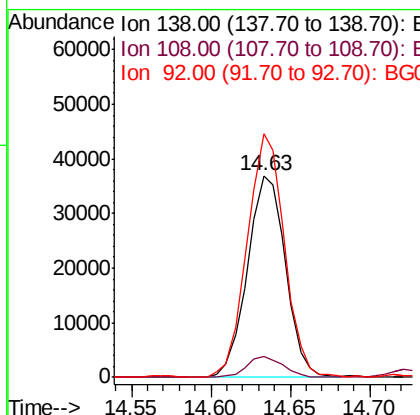
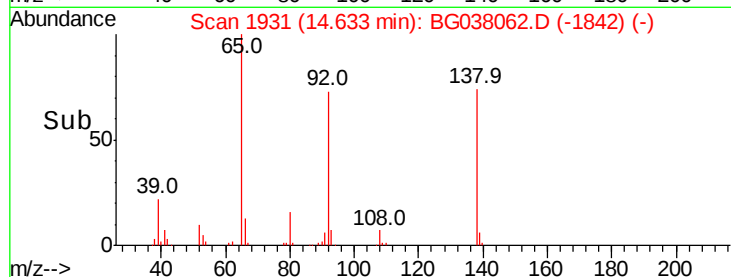
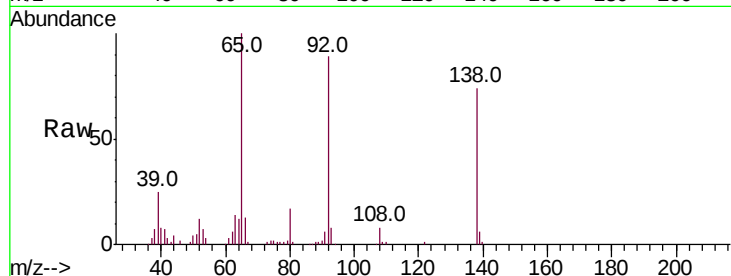
#53
3-Nitroaniline
Concen: 29.054 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion:138 Resp: 61708
Ion Ratio Lower Upper
138 100
108 10.2 11.0 16.6#
92 120.8 95.2 142.8

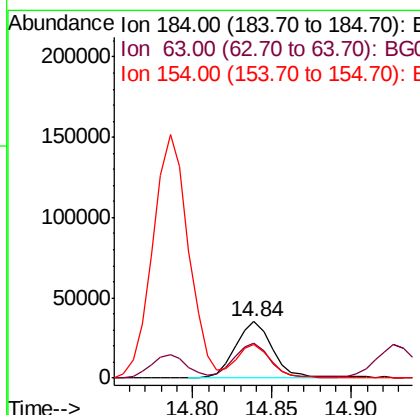
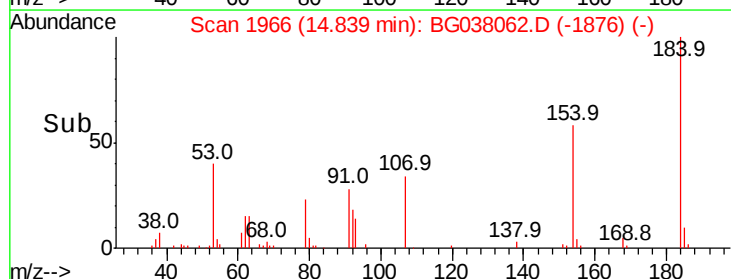
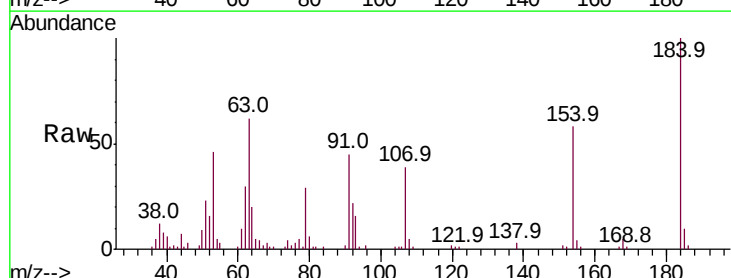
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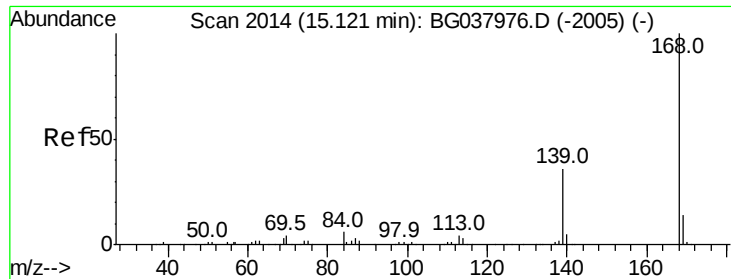
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#54
2,4-Dinitrophenol
Concen: 58.552 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion:184 Resp: 57900
Ion Ratio Lower Upper
184 100
63 62.4 42.6 63.8
154 58.4 41.8 62.6





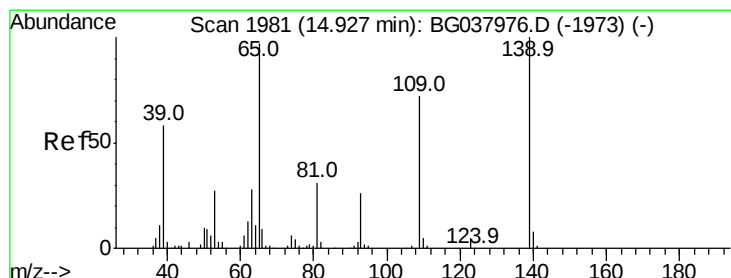
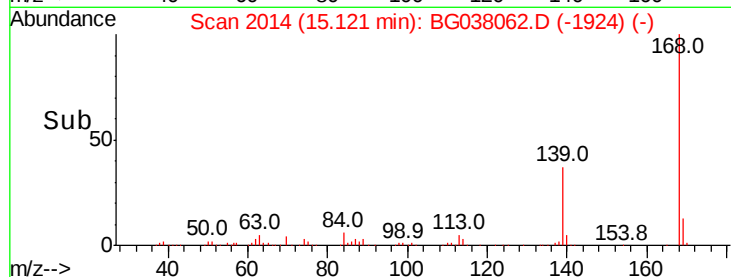
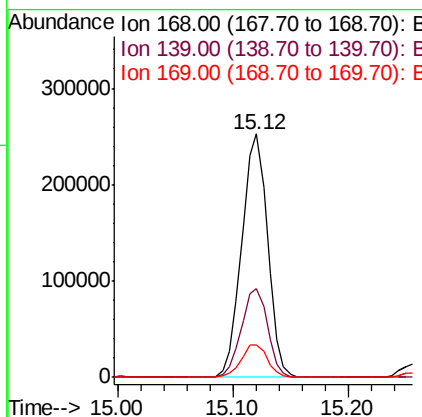
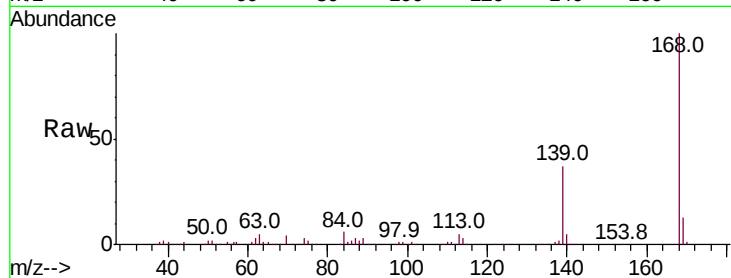
#55
Dibenzenofuran
Concen: 38.156 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	392811		
139	36.6	29.4	44.0	
169	13.3	11.0	16.6	

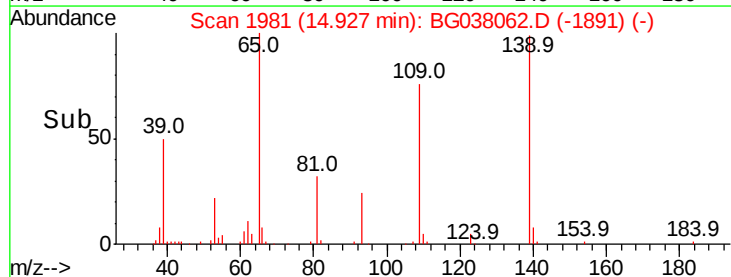
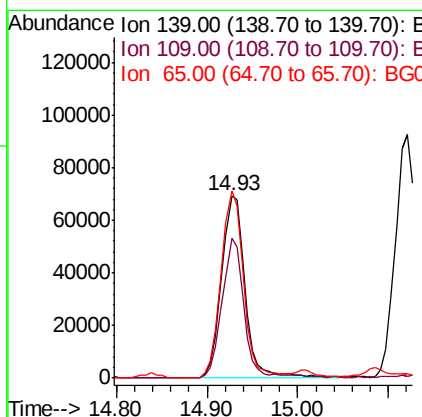
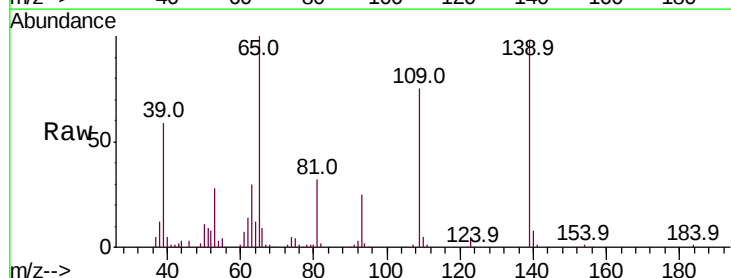
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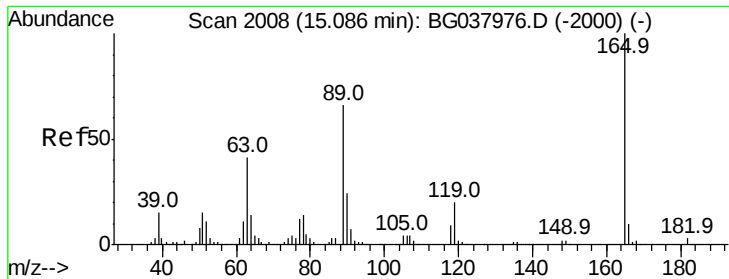
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#56
4-Nitrophenol
Concen: 76.599 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	125476		
109	76.7	49.5	89.5	
65	102.2	76.8	116.8	





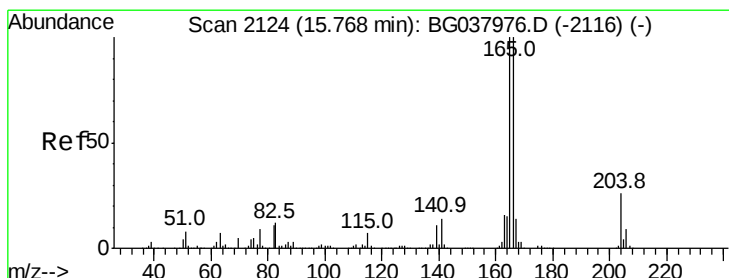
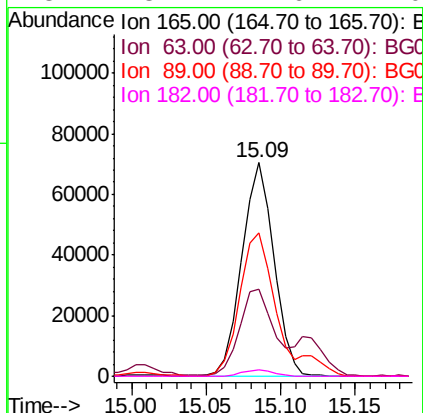
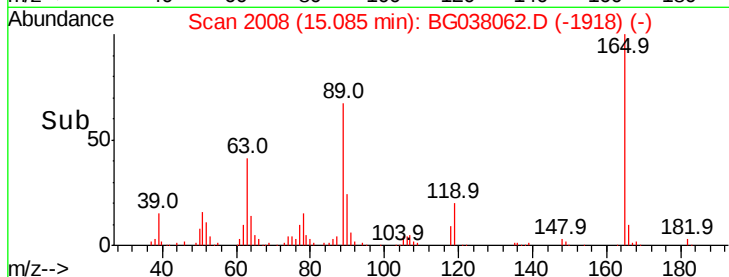
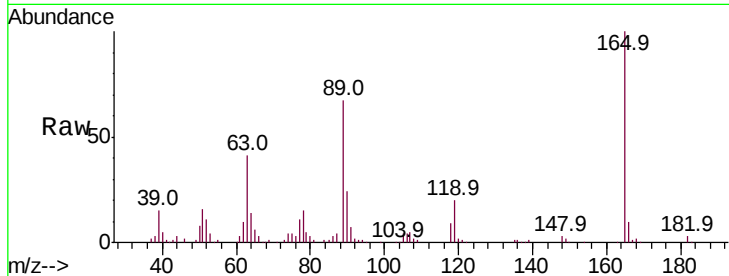
#57
 2,4-Dinitrotoluene
 Concen: 40.004 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleID :
 PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	104766		
63	40.8	33.4	50.0	
89	66.9	57.2	85.8	
182	3.2	2.6	4.0	

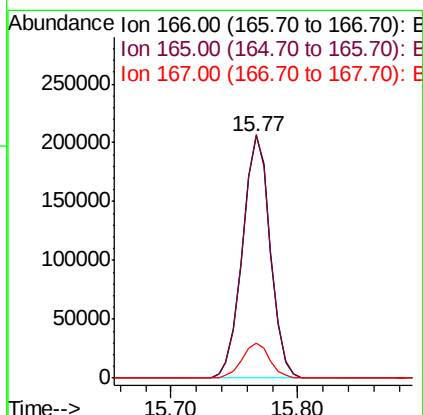
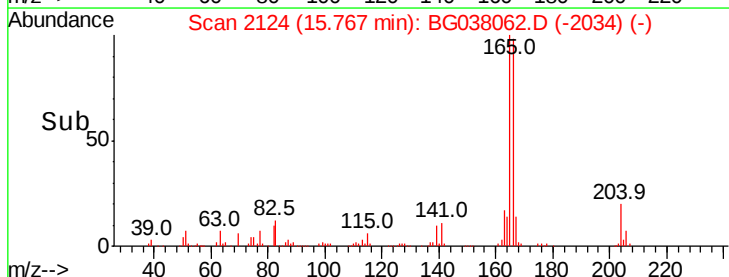
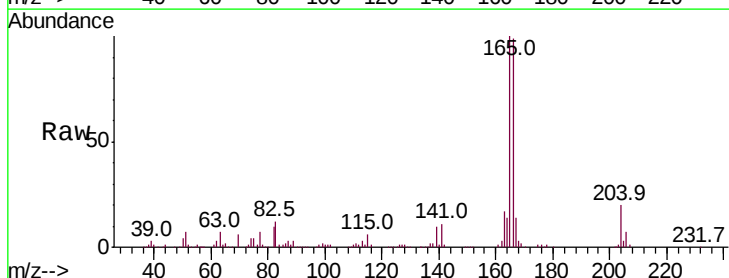
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#58
 Fluorene
 Concen: 40.596 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	311828		
165	100.5	79.0	118.6	
167	14.4	11.3	16.9	





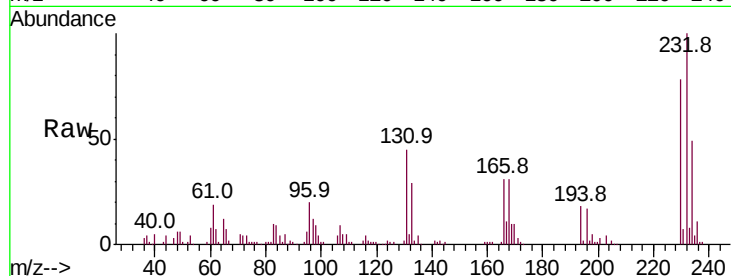
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.973 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	33.7	50.5
130	2.1	2.1	3.1
166	30.9	24.6	36.8

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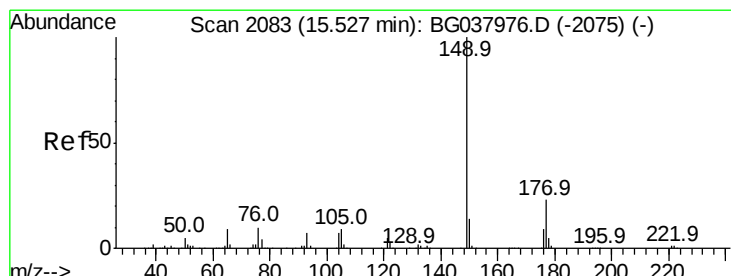
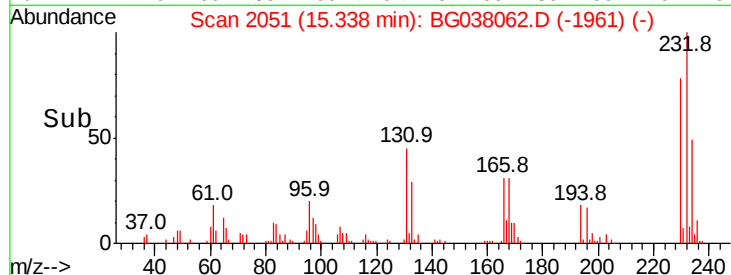
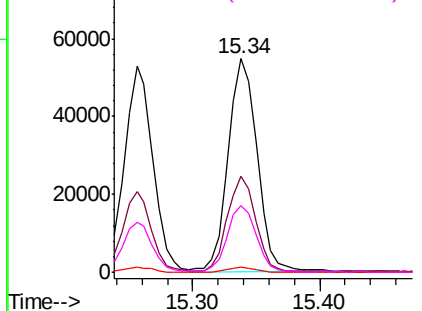
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

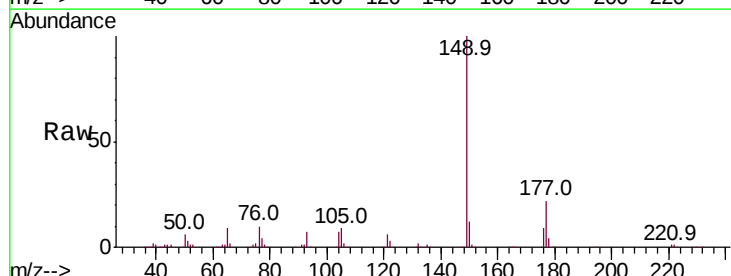
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.601 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	12.1	10.0	15.0

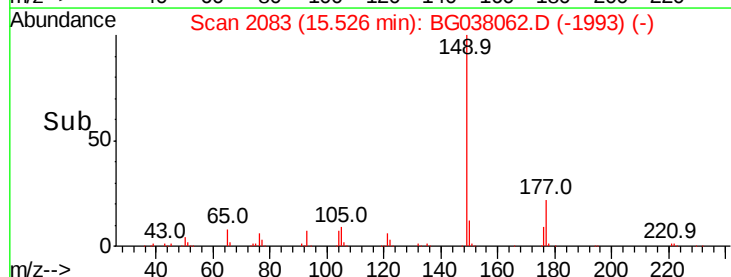
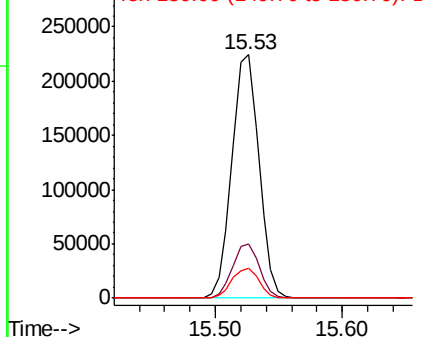


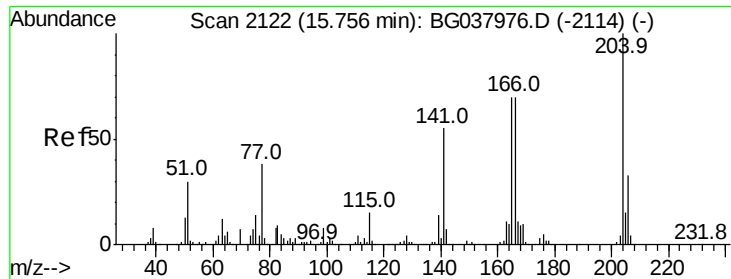
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





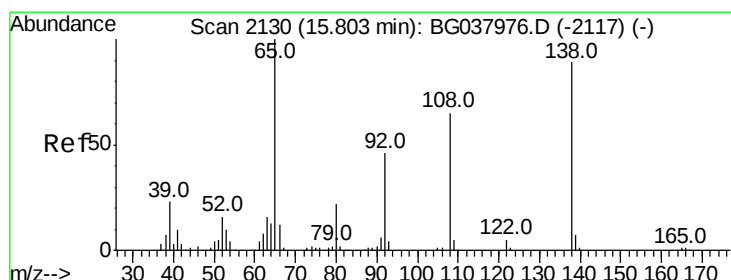
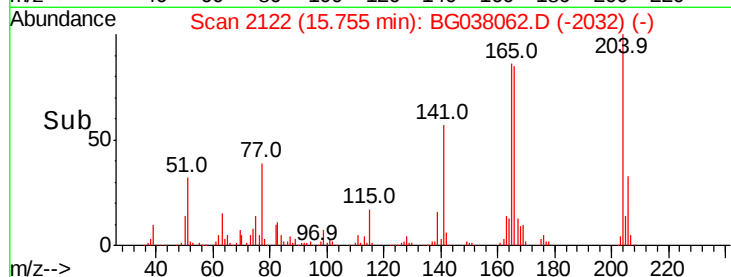
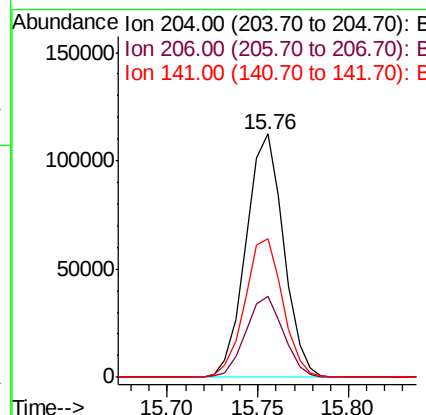
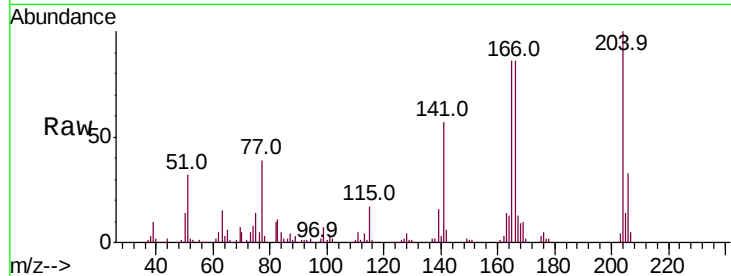
#61
4-Chlorophenyl-phenylether
Concen: 36.010 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	57.0	45.4	68.2

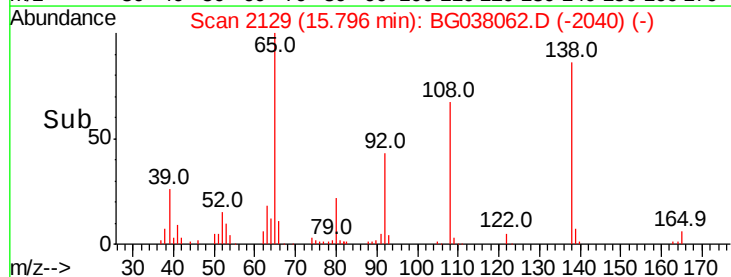
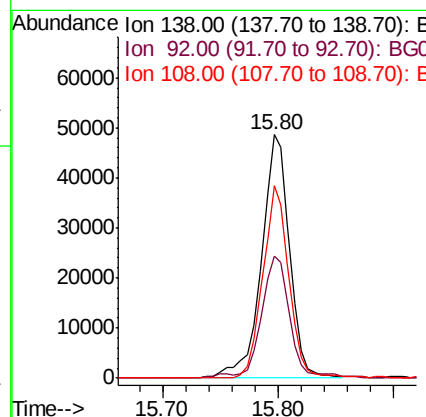
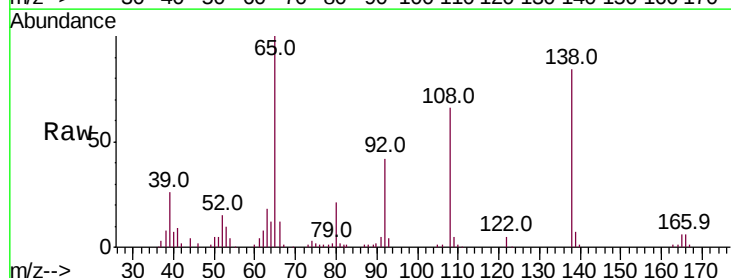
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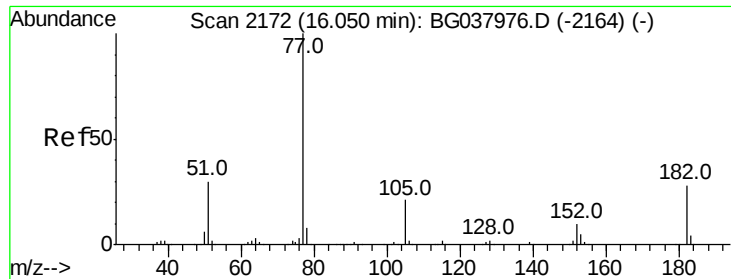
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#62
4-Nitroaniline
Concen: 39.081 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	36.4	76.4
108	79.1	60.1	100.1





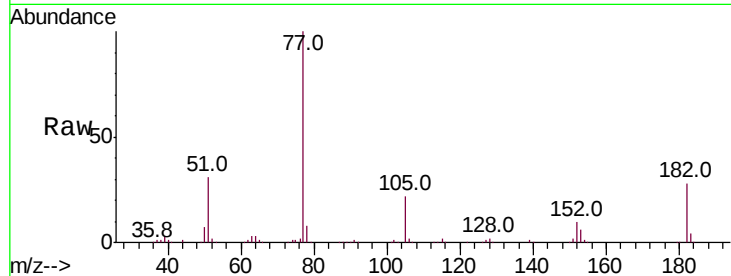
#63
Azobenzene
Concen: 38.442 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.0	48.0
105	21.5	1.3	41.3
51	31.3	10.7	50.7

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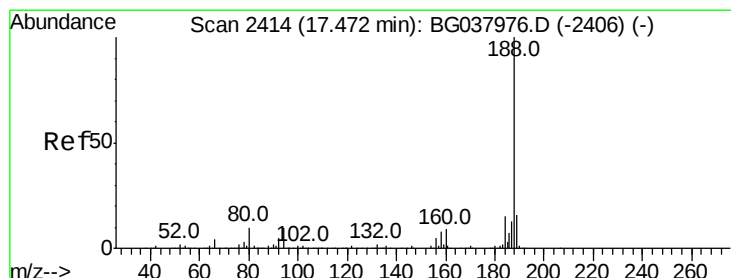
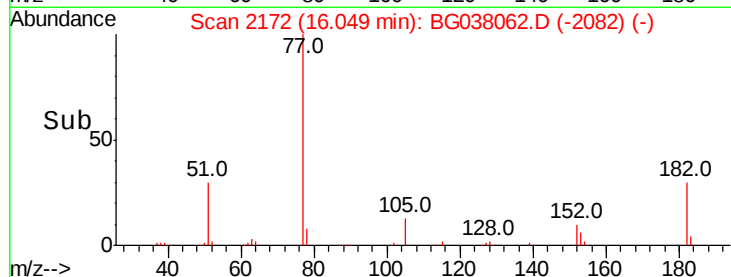
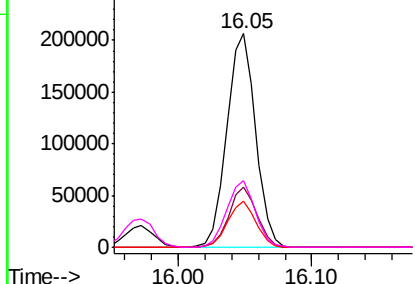
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

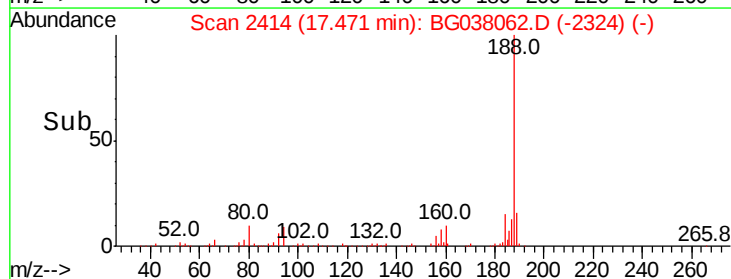
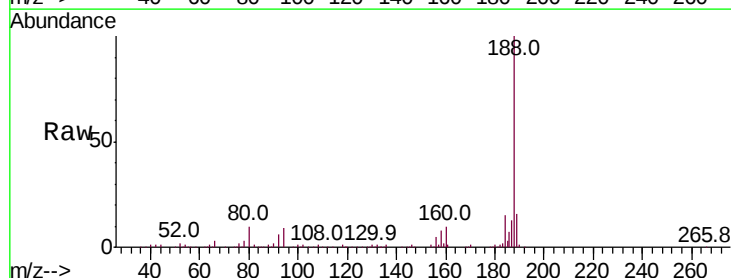
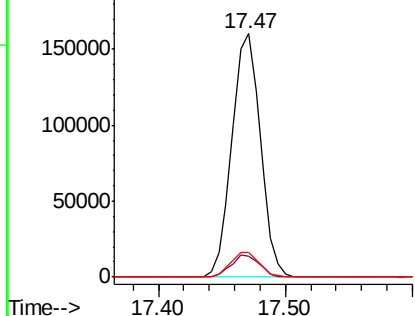
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.2	7.7	11.5

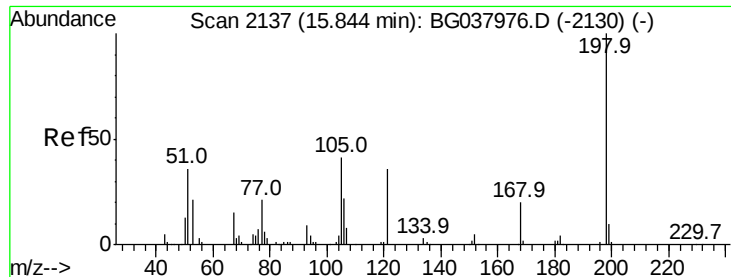
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 33.034 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

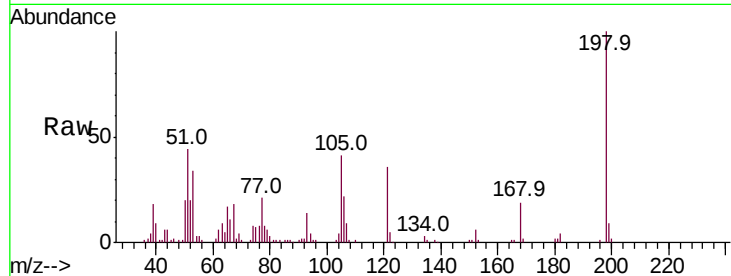
ClientSampleId :

PB114874BS

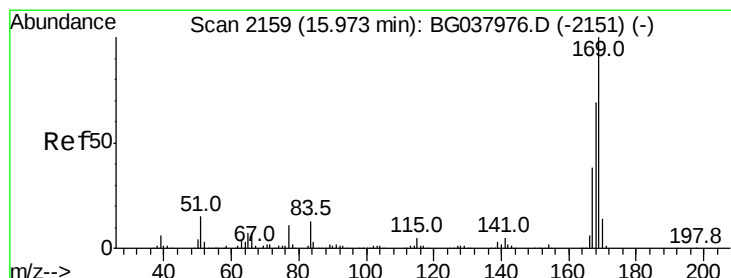
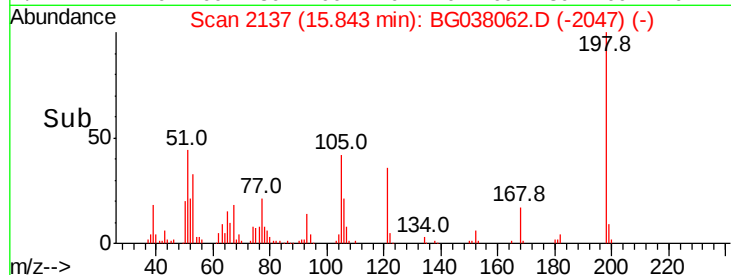
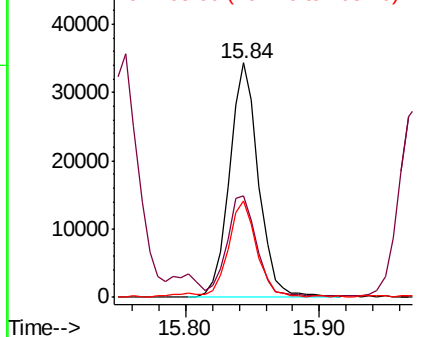
Tot Ion:	198	Resp:	51917
Ion Ratio	Lower	Upper	
198	100		
51	43.5	22.7	62.7
105	41.3	19.7	59.7

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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: 37.662 ng

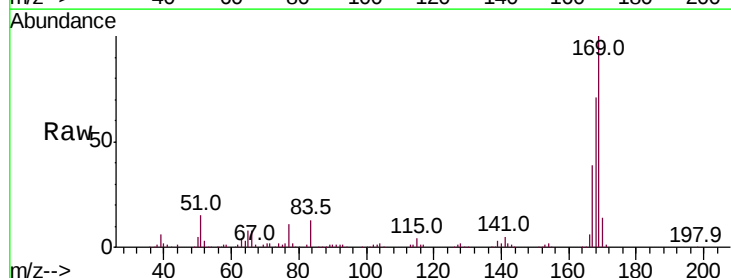
RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

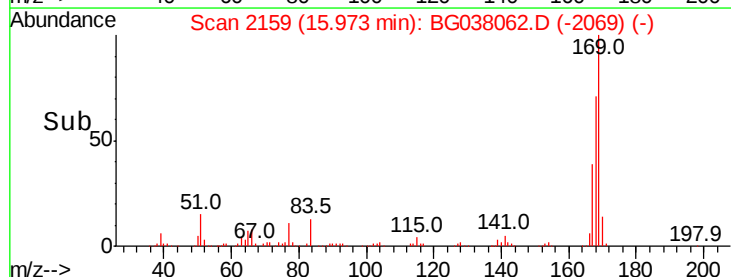
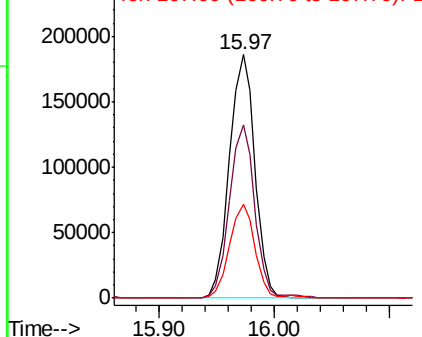
Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	169	Resp:	283111
Ion Ratio	Lower	Upper	
169	100		
168	71.2	55.7	83.5
167	38.8	31.3	46.9



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





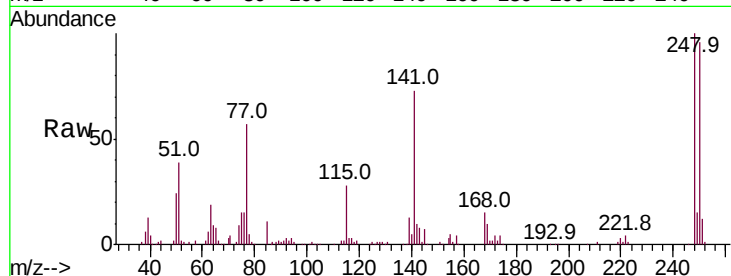
#67
 4-Bromophenyl-phenylether
 Concen: 36.962 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.6
141	72.6	55.5	83.3

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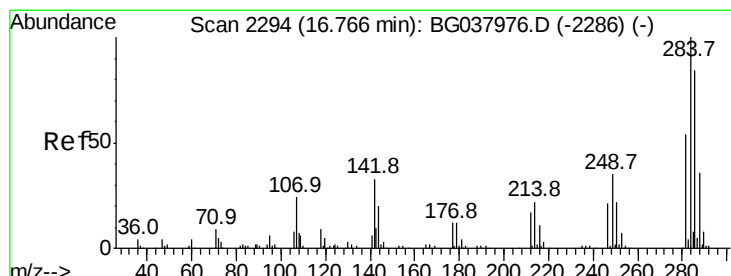
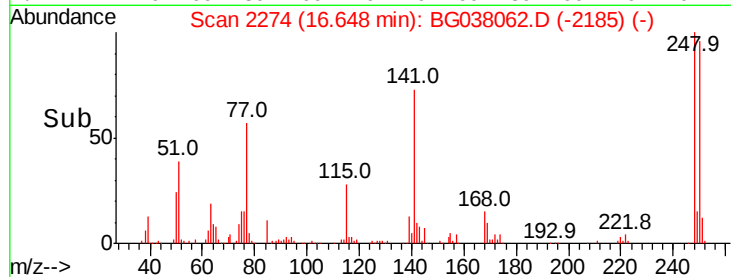
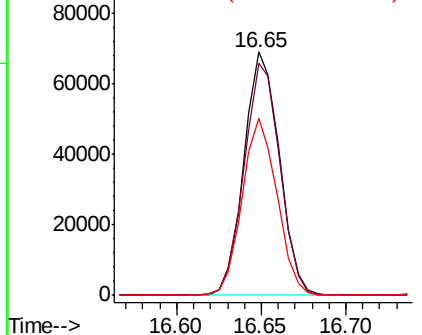


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 36.475 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

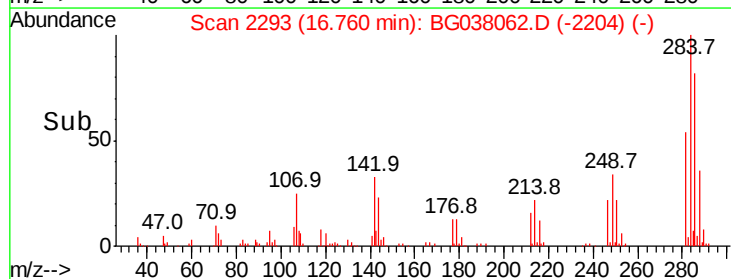
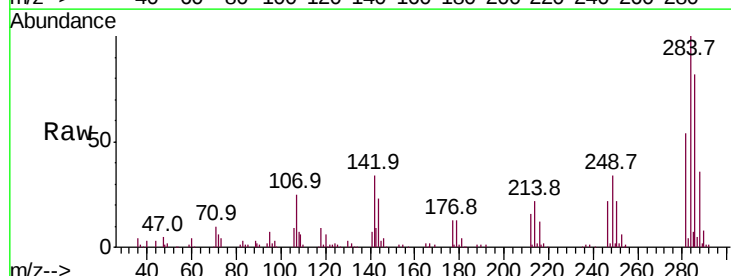
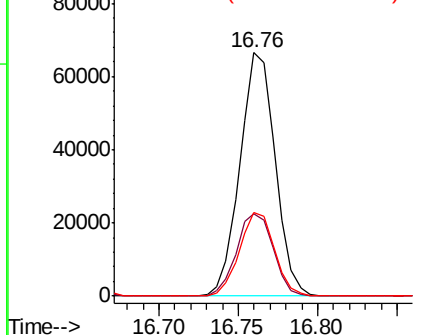
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	28.1	42.1
249	36.5	29.8	44.8

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





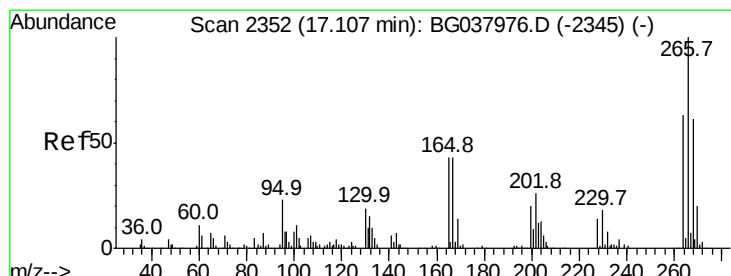
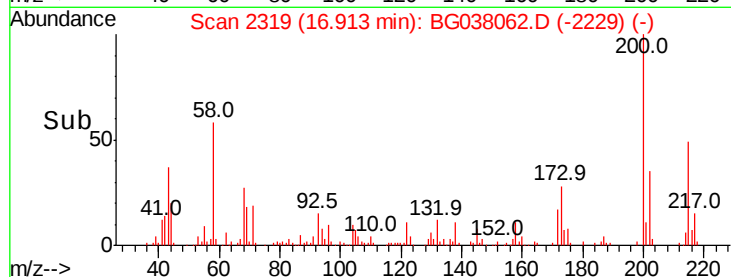
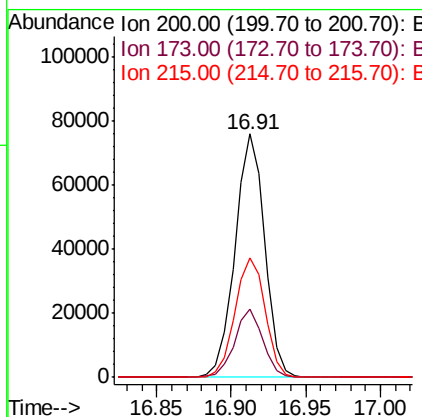
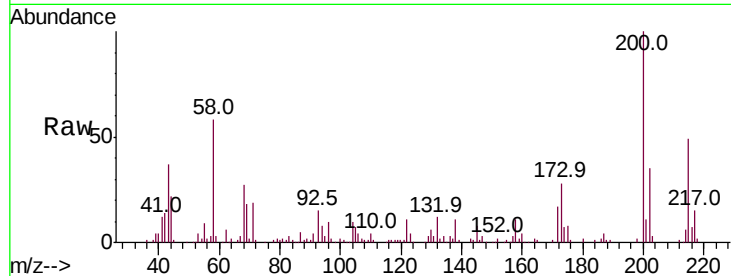
#69
Atrazine
Concen: 37.811 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.1	46.1
215	49.0	30.8	70.8

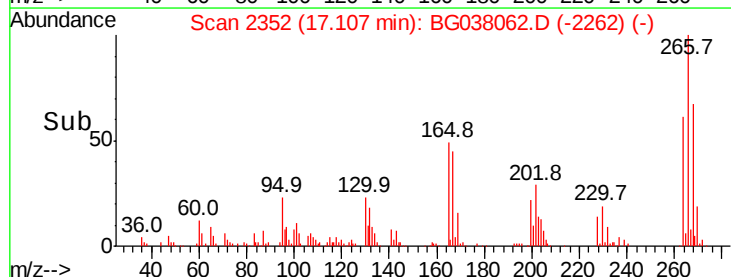
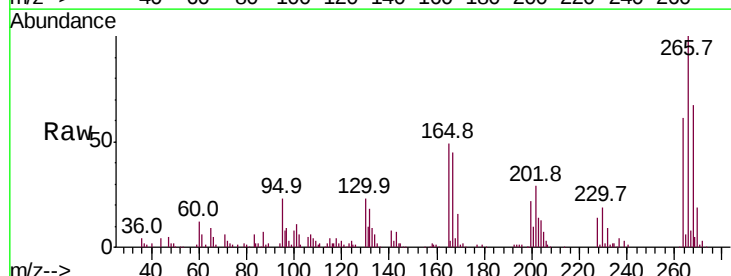
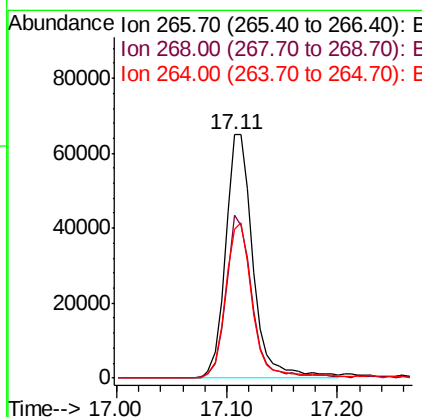
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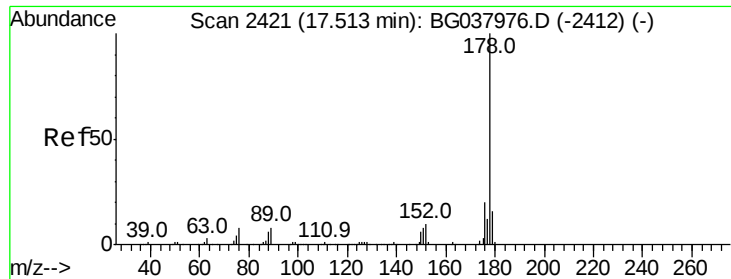
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#70
Pentachlorophenol
Concen: 59.412 ng
RT: 17.11 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.7	55.0	82.6
264	67.2	58.9	88.3





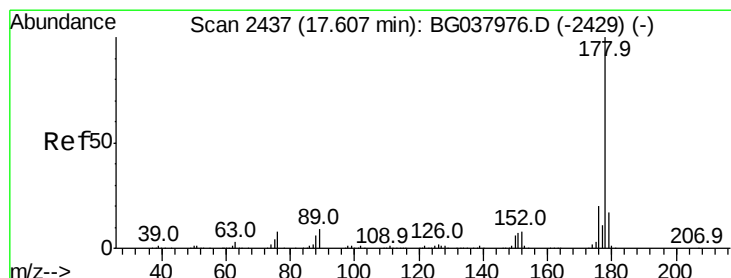
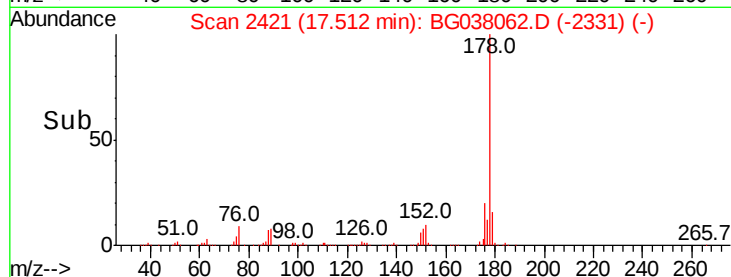
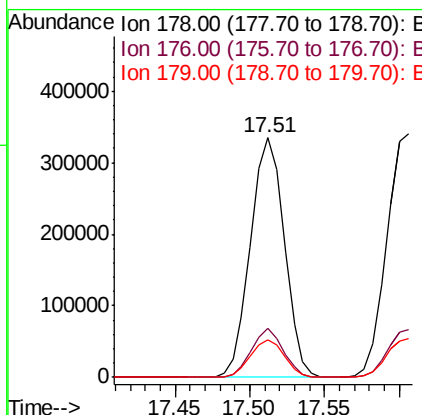
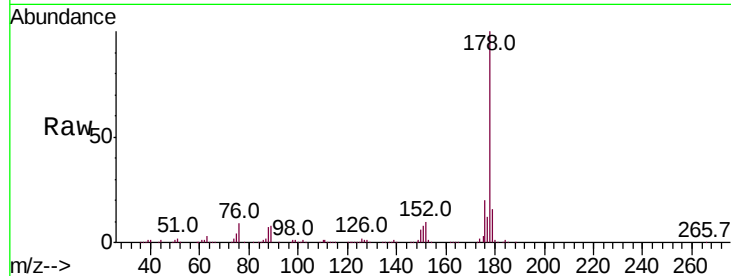
#71
 Phenanthrene
 Concen: 41.343 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.1	24.1
179	15.6	13.0	19.4

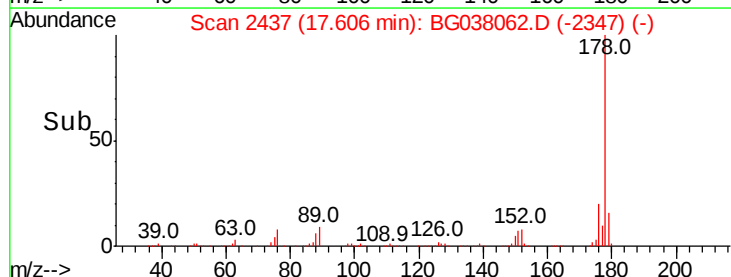
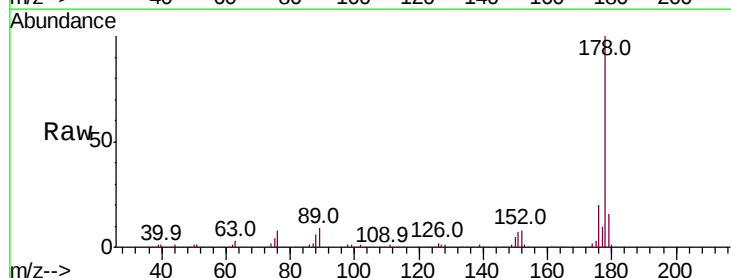
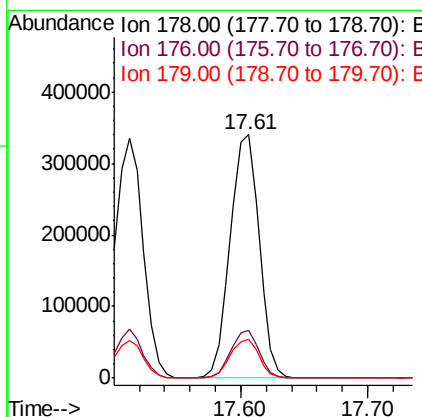
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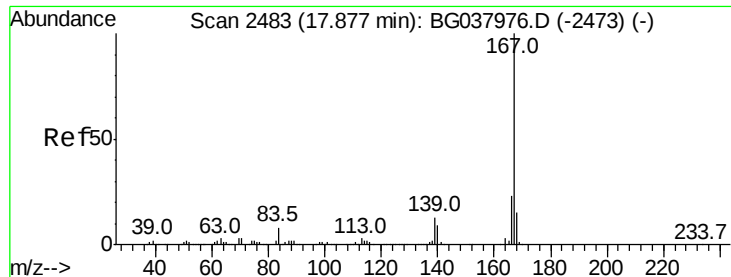
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#72
 Anthracene
 Concen: 42.807 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	15.9	12.8	19.2





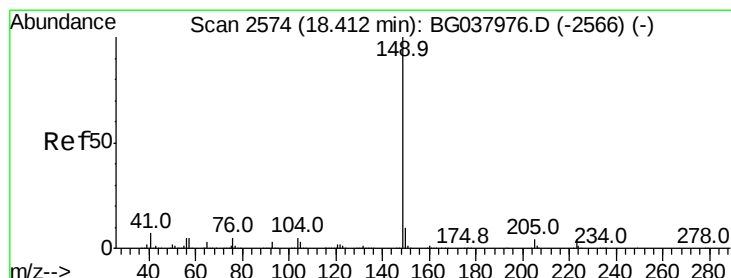
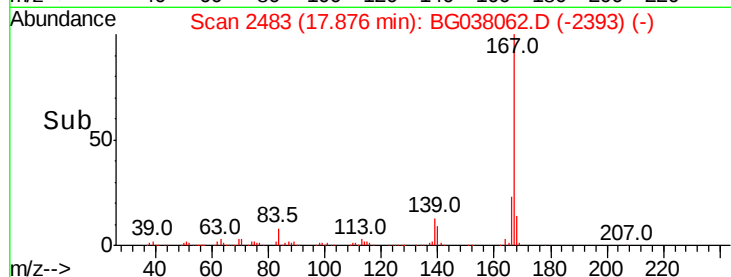
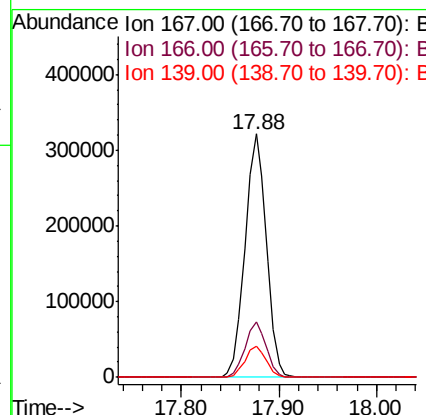
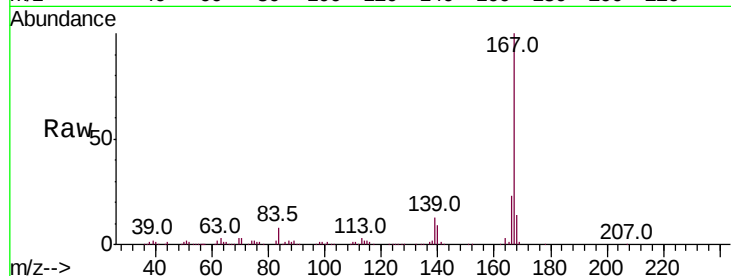
#73
 Carbazole
 Concen: 38.644 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.3	27.5
139	12.7	10.5	15.7

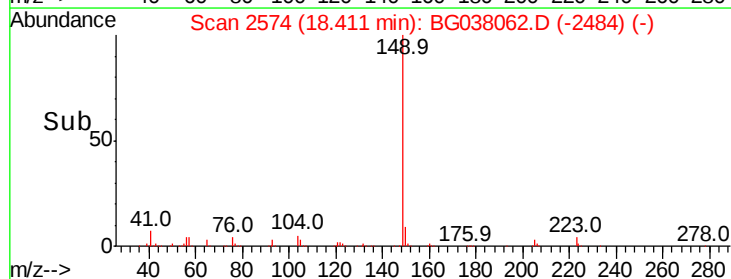
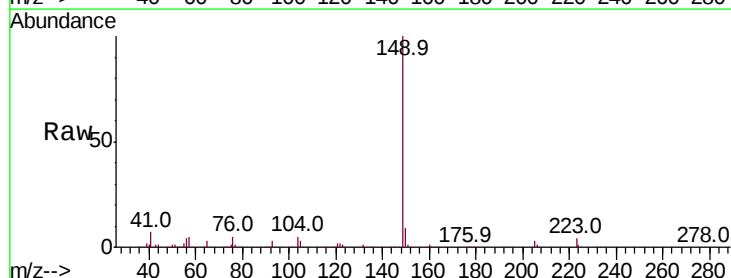
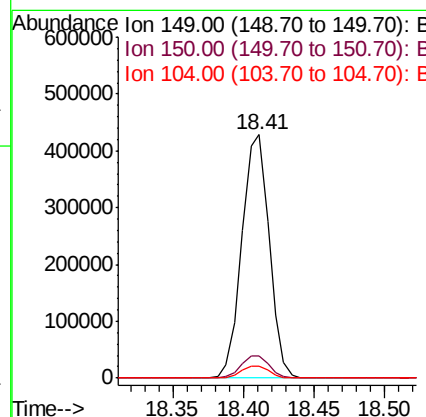
Manual Integrations
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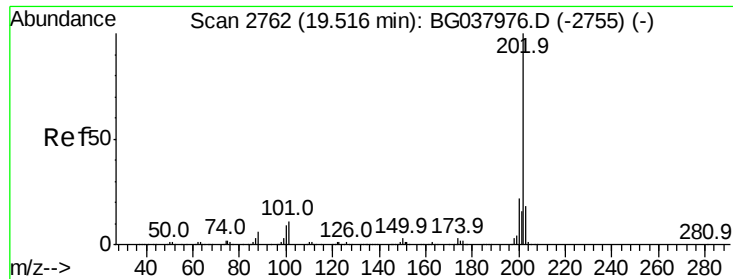
Sohil
 11/20/2018 9:41:40 AM



#74
 Di-n-butylphthalate
 Concen: 41.014 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.2	12.2
104	4.8	4.0	6.0





#75

Fluoranthene

Concen: 43.125 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

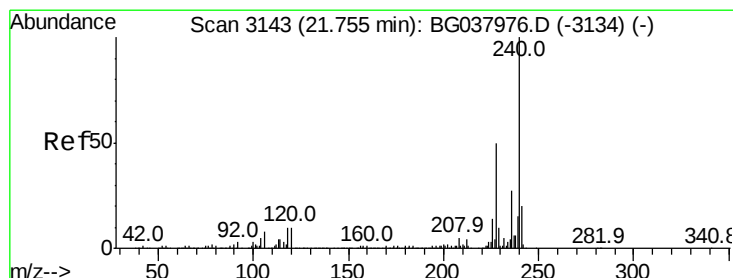
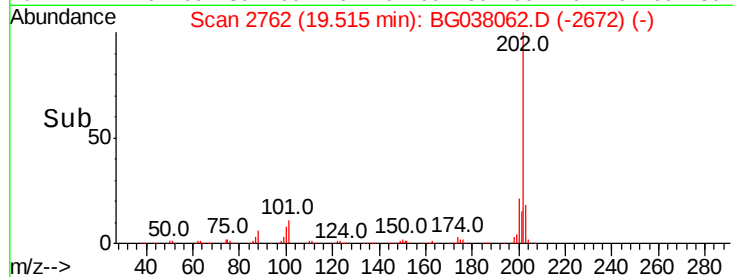
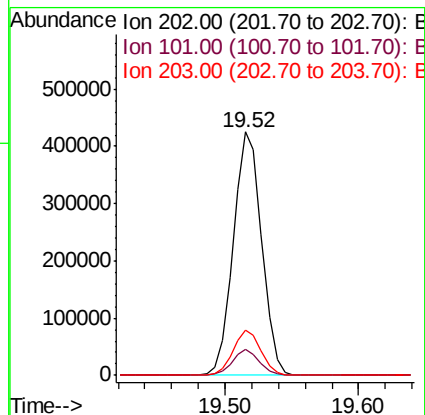
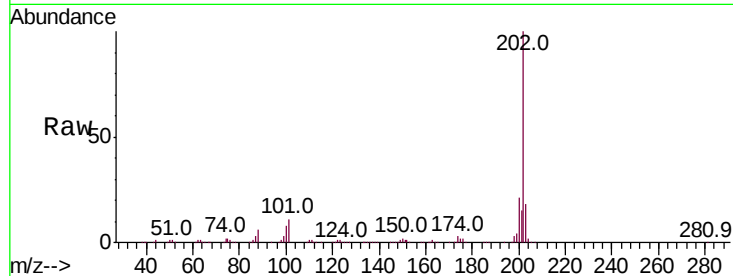
ClientSampleId :

PB114874BS

Tot Ion:	202	Resp:	625940
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	30.7
203	18.3	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

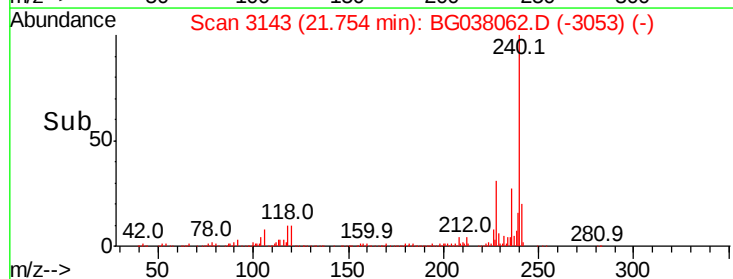
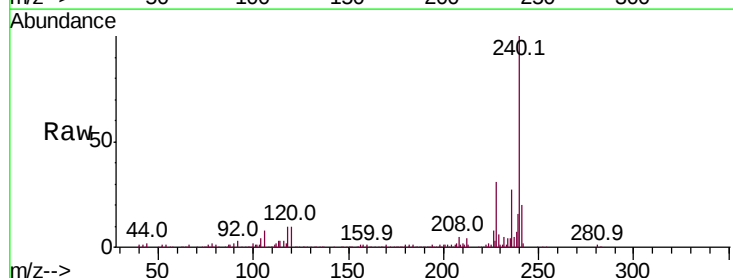
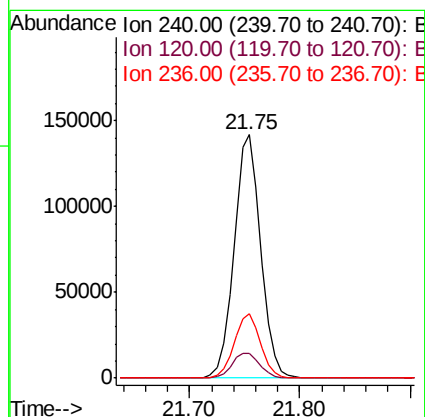
RT: 21.75 min Scan# 3143

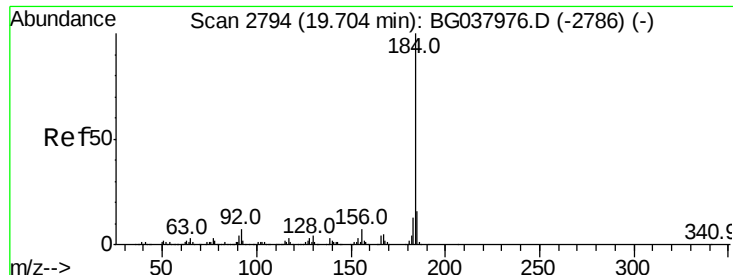
Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	240	Resp:	238514
Ion Ratio	Lower	Upper	
240	100		
120	10.2	8.1	12.1
236	26.6	21.4	32.0





#77

Benzidine

Concen: 35.248 ng

RT: 19.70 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

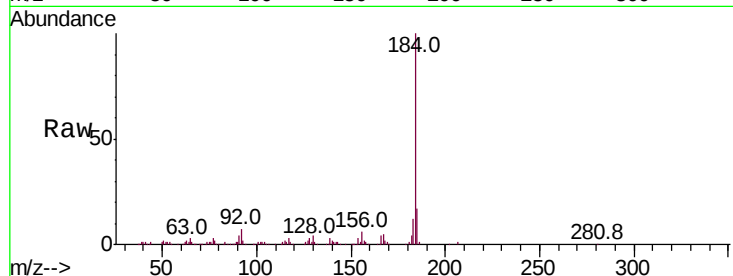
ClientSampleId :

PB114874BS

Tot Ion:	184	Resp:	295000
Ion Ratio	Lower	Upper	
184	100		
185	16.6	12.6	18.8
183	12.4	10.2	15.2

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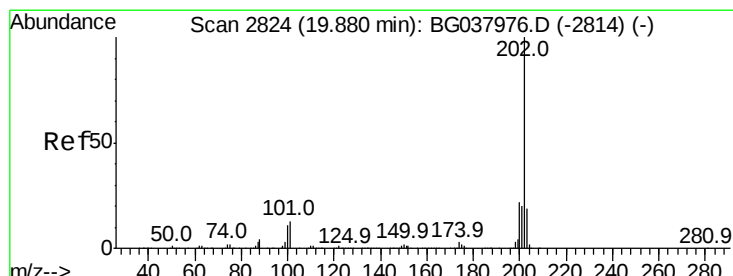
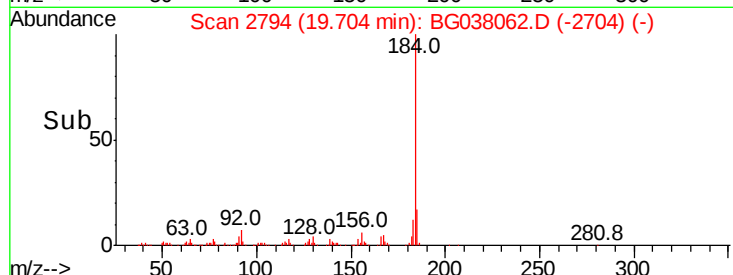
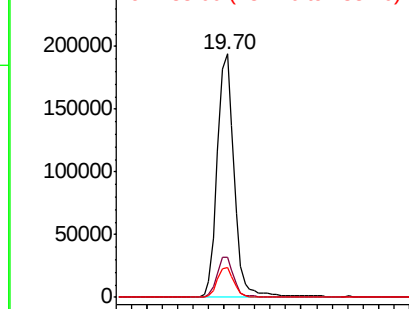


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.770 ng

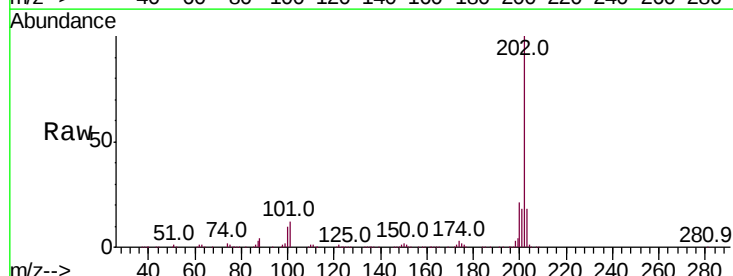
RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	202	Resp:	635782
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	17.9	15.2	22.8

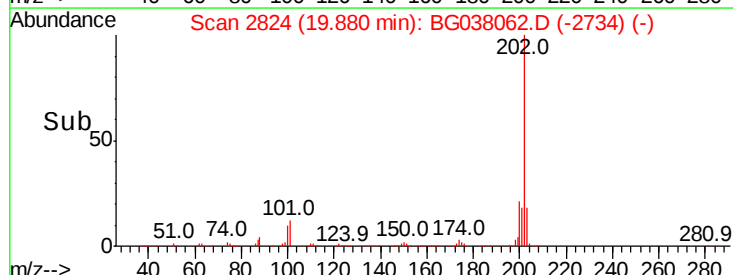
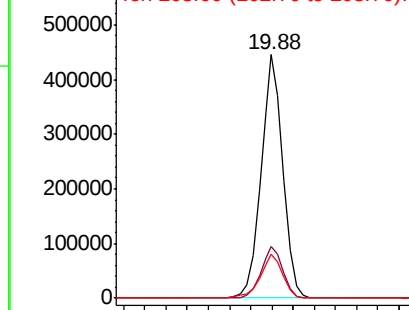


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.029 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

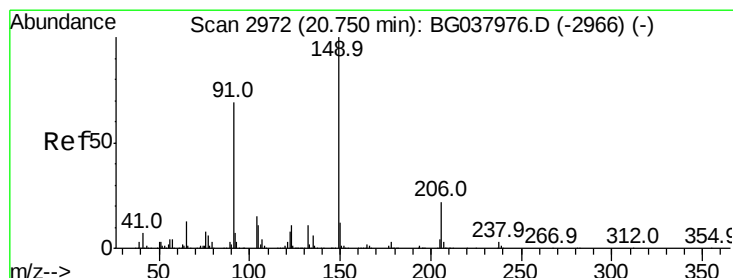
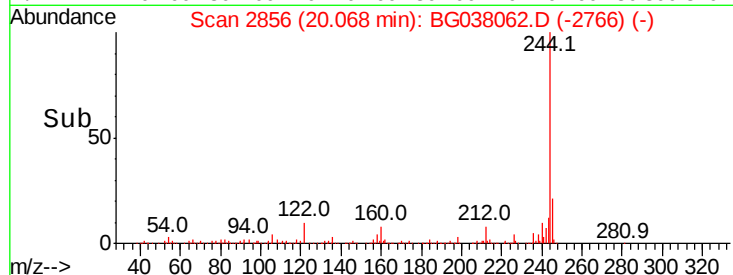
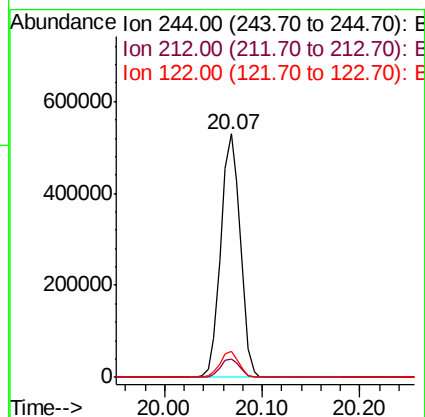
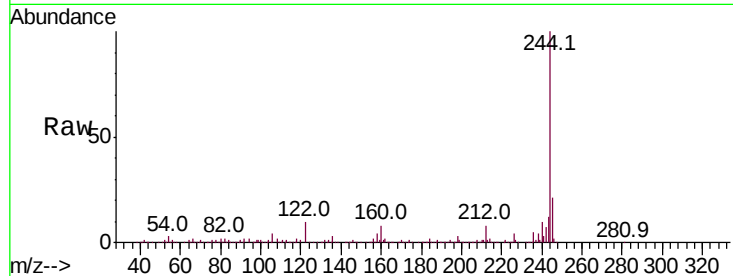
ClientSampleId :

PB114874BS

Tot Ion:	244	Resp:	730122
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.5	9.7
122	10.4	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 39.035 ng

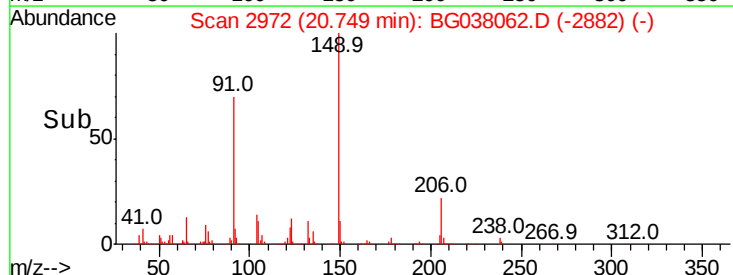
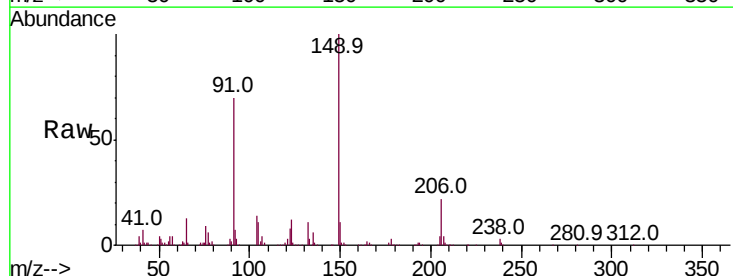
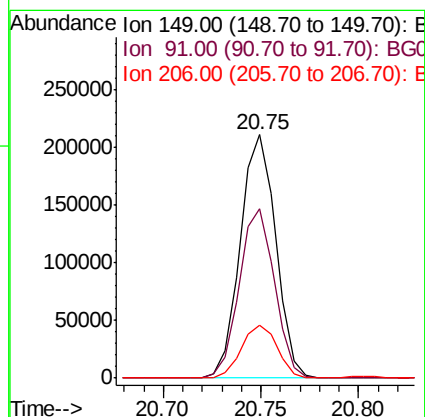
RT: 20.75 min Scan# 2972

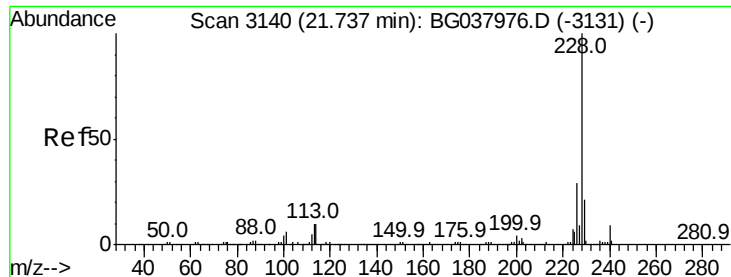
Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	149	Resp:	266204
Ion Ratio	Lower	Upper	
149	100		
91	69.6	57.0	85.4
206	21.5	17.8	26.6





#81

Benzo(a)anthracene

Concen: 41.381 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

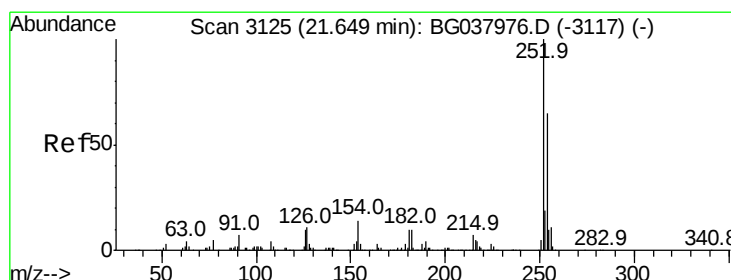
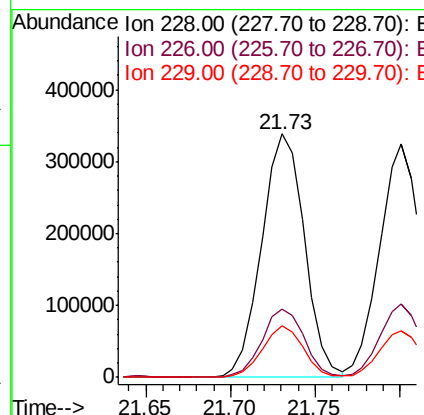
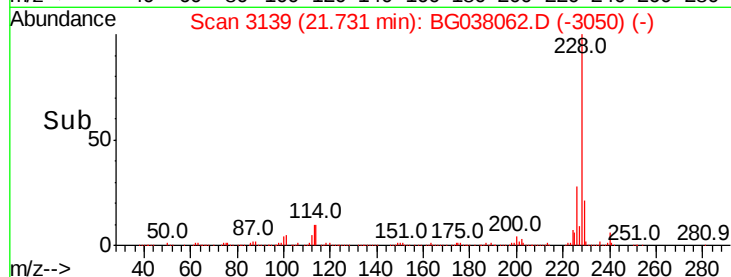
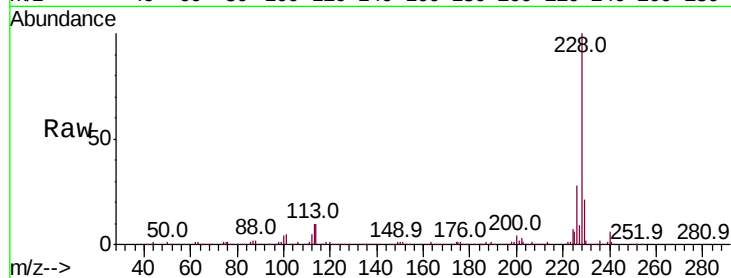
ClientSampleId :

PB114874BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.0	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 27.386 ng

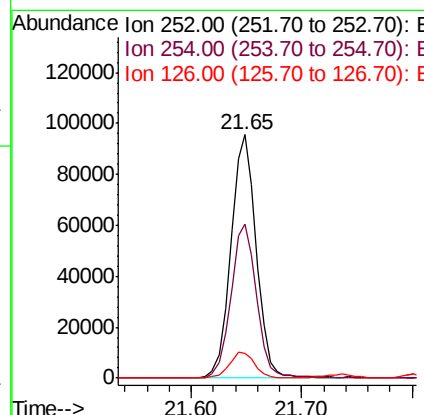
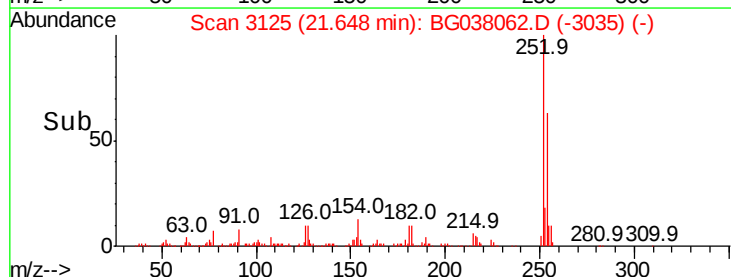
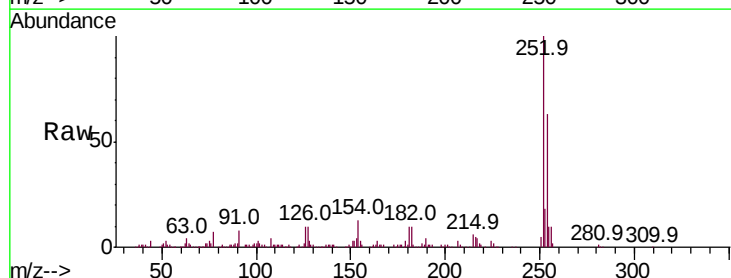
RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.0	78.0
126	10.3	8.2	12.4





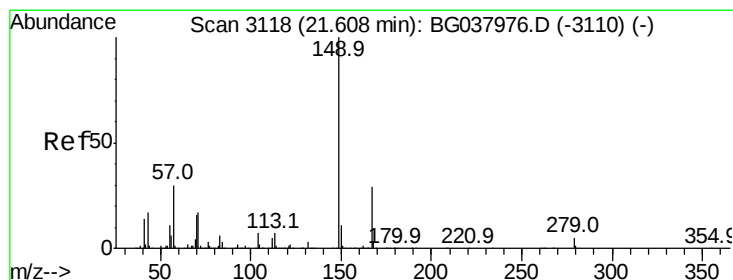
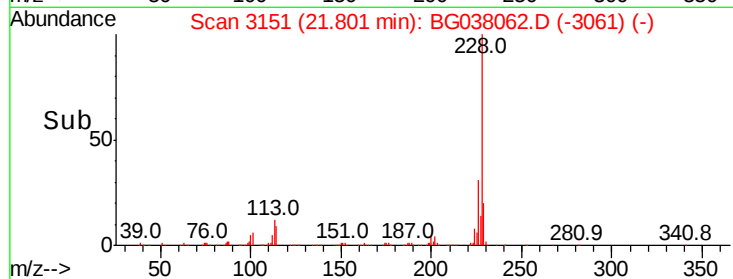
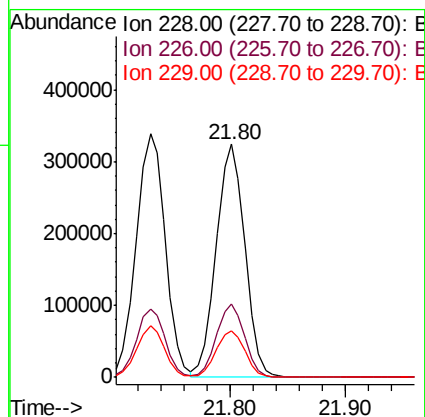
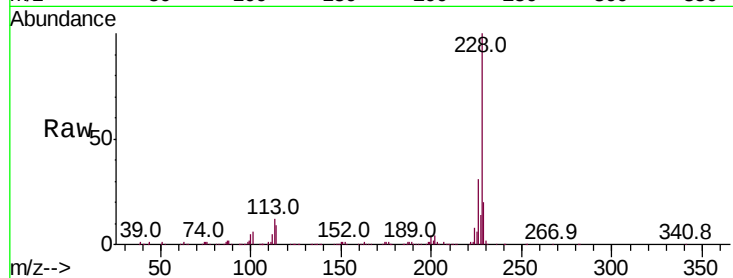
#83
 Chrvsene
 Concen: 40.299 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Instrument :
 BNA_G
 ClientSampleId :
 PB114874BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.1	16.5	24.7

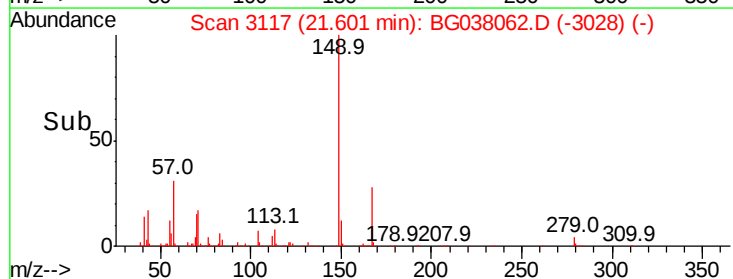
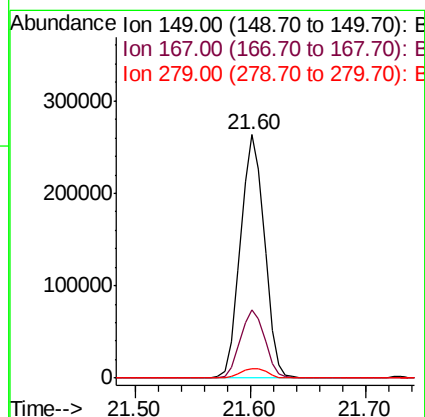
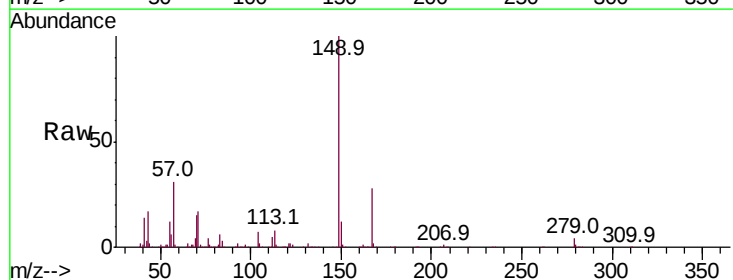
Manual Integrations
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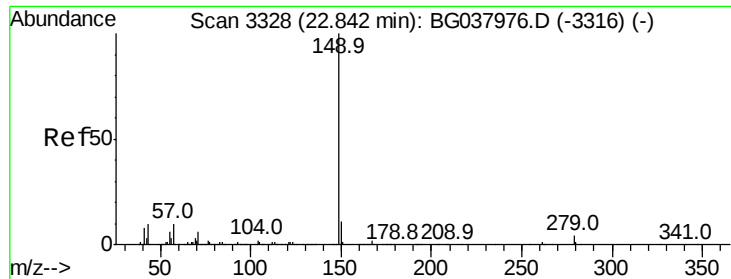
Sohil
 11/20/2018 9:41:40 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.050 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG038062.D
 Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	3.9	3.6	5.4





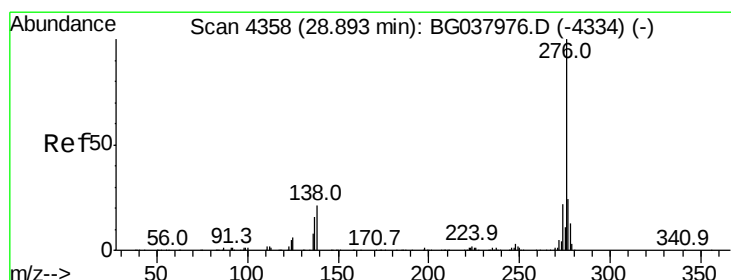
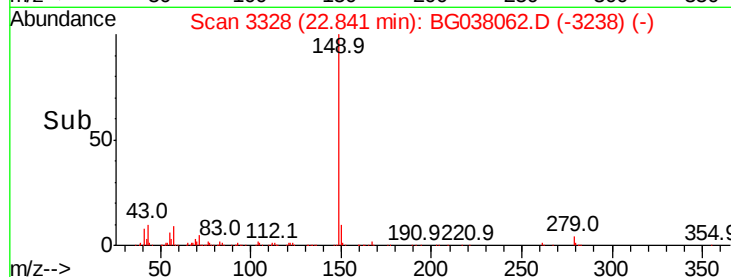
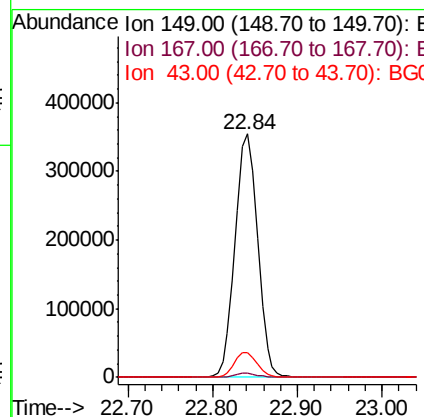
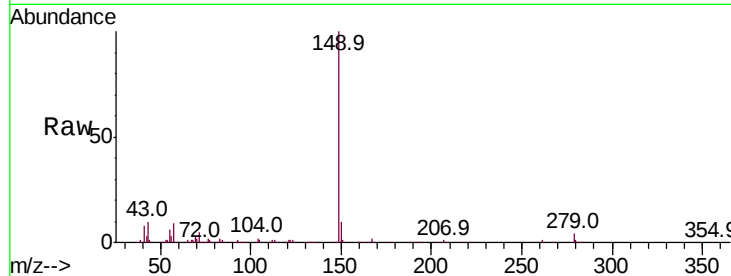
#85
Di-n-octyl phthalate
Concen: 41.502 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	652986		
167	1.6		1.3	1.9
43	10.5		8.7	13.1

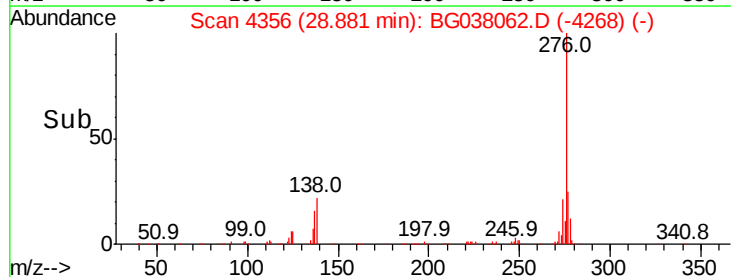
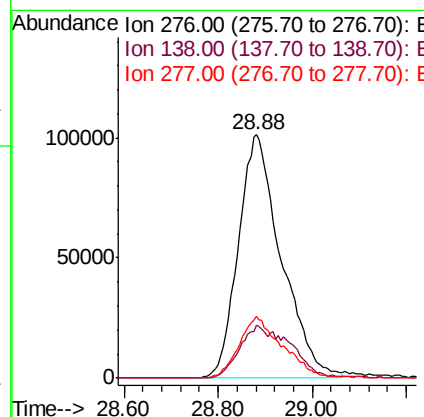
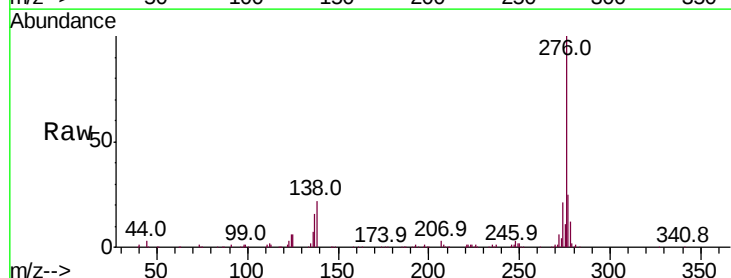
Manual Integrations
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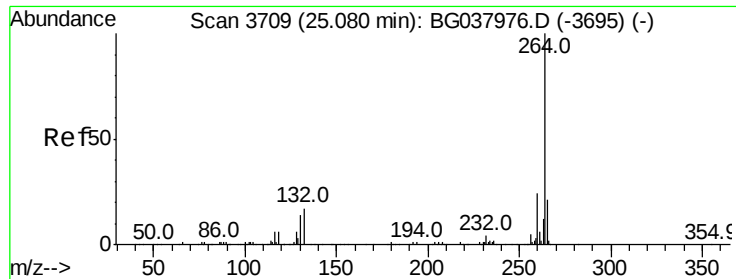
Sohil
11/20/2018 9:41:40 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.804 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	640285		
138	13.4		12.0	18.0
277	25.7		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Instrument :

BNA_G

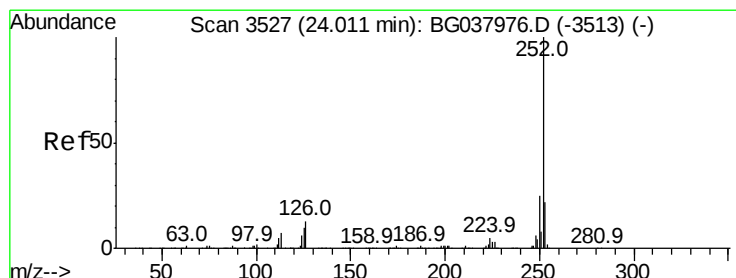
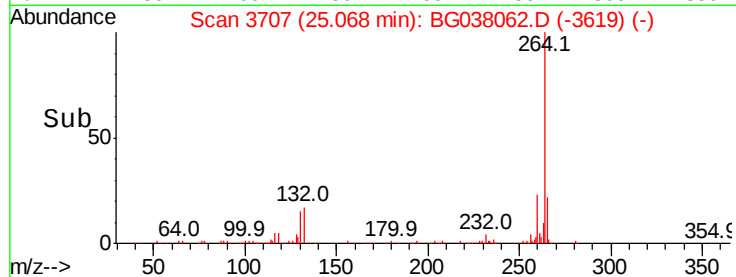
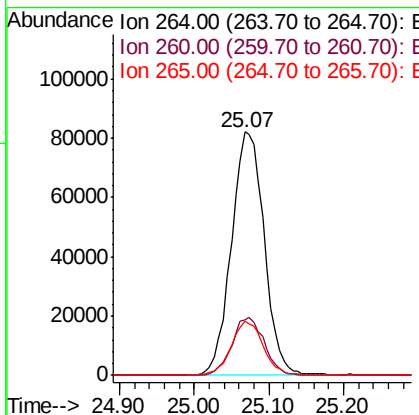
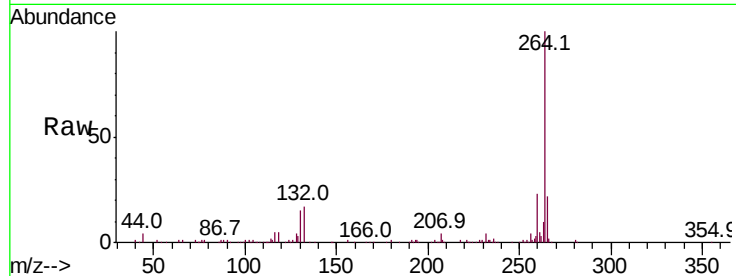
ClientSampled :

PB114874BS

Tot Ion:	264	Resp:	250990
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.2	27.4
265	22.1	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 42.195 ng

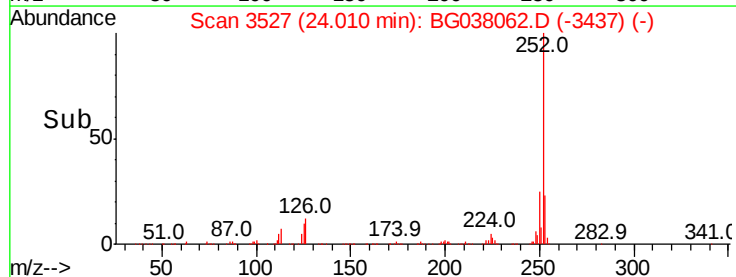
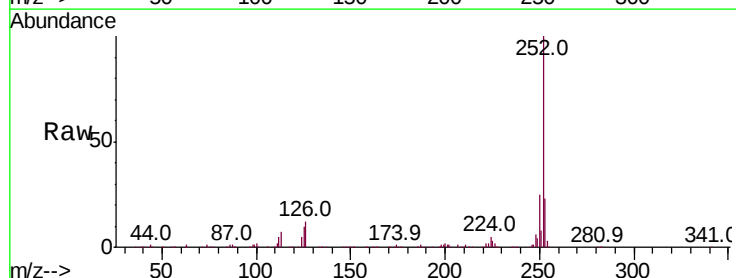
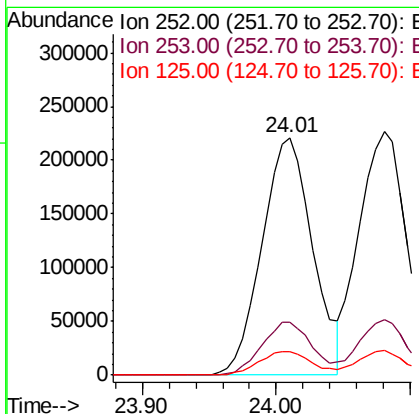
RT: 24.01 min Scan# 3527

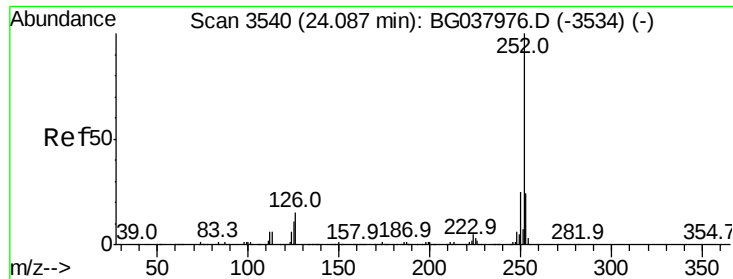
Delta R.T. -0.00 min

Lab File: BG038062.D

Acq: 19 Nov 2018 14:41

Tgt Ion:	252	Resp:	582805
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.2
125	9.9	7.8	11.6





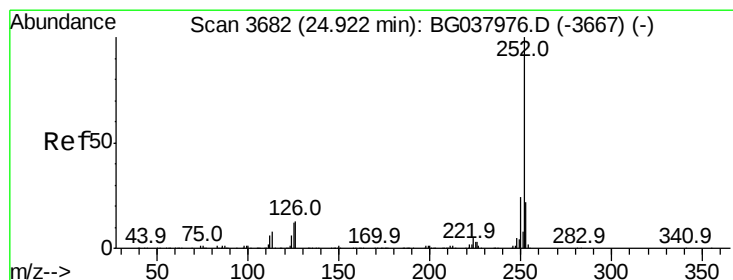
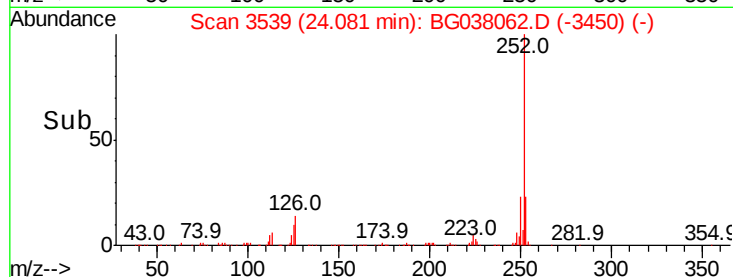
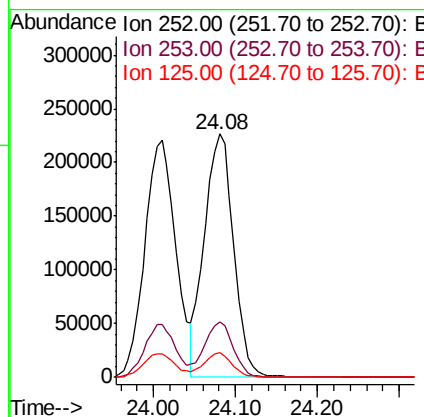
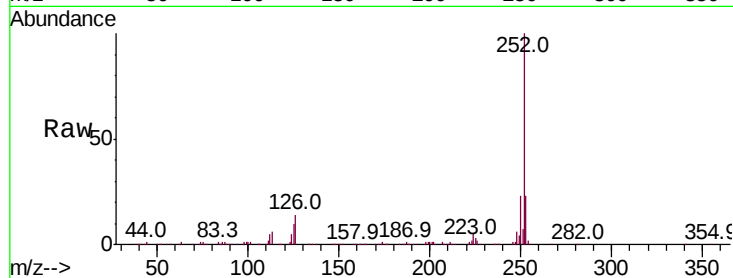
#89
Benzo(k)fluoranthene
Concen: 41.231 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.9	7.4	11.0

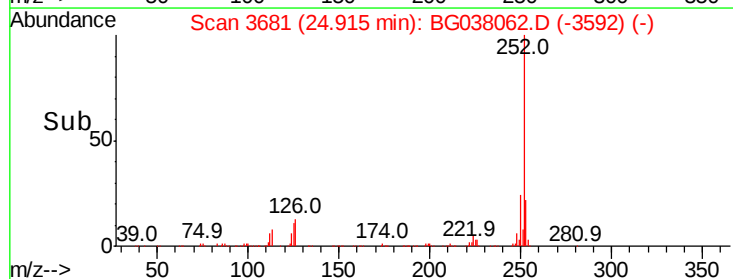
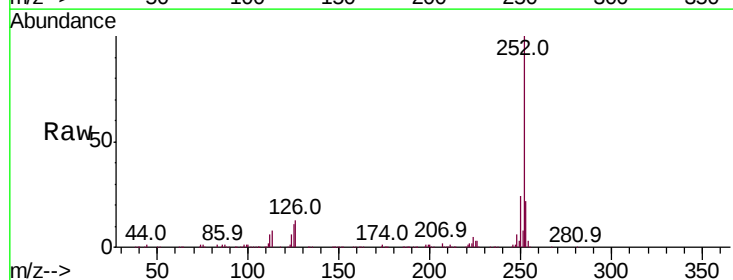
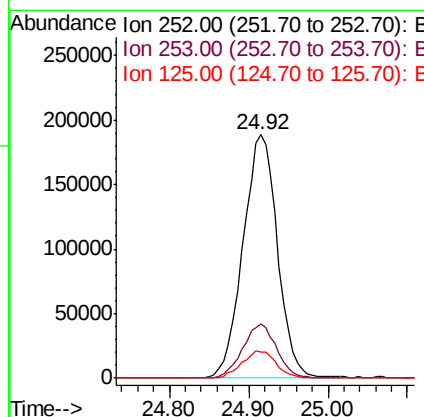
Manual Integrations
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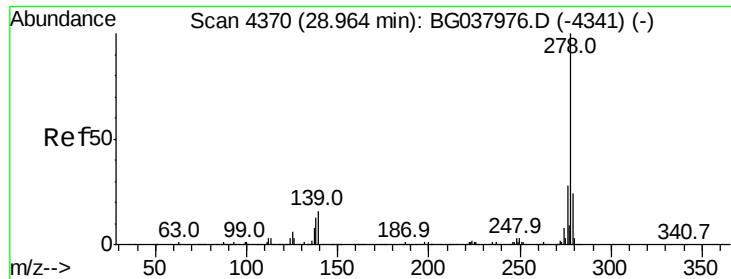
Sohil
11/20/2018 9:41:40 AM



#90
Benzo(a)pyrene
Concen: 43.035 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.7	9.0	13.6





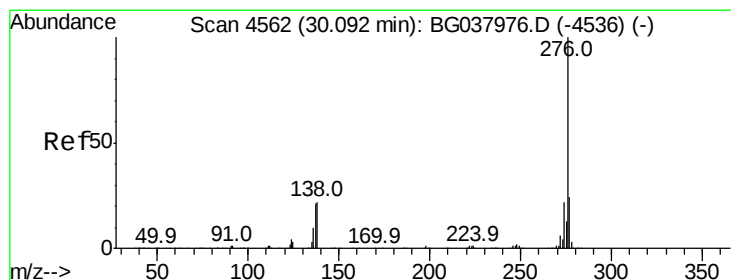
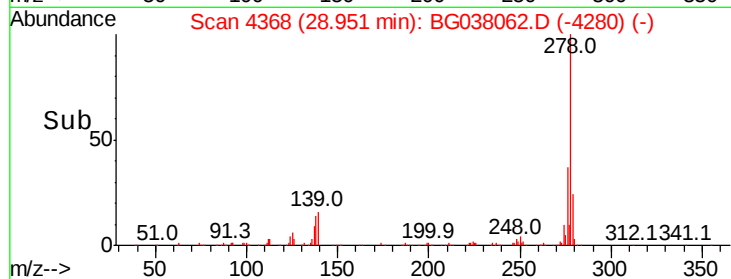
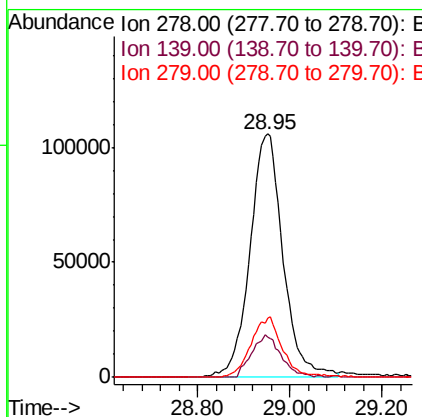
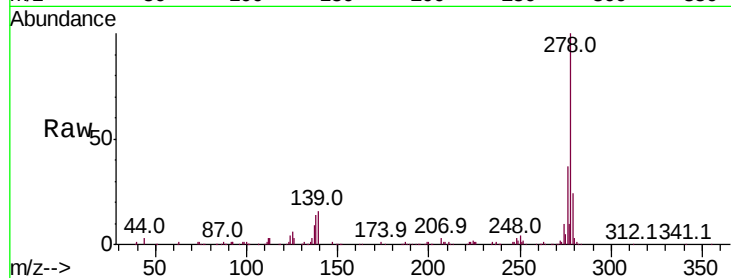
#91
Dibenzo(a,h)anthracene
Concen: 41.396 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Instrument :
BNA_G
ClientSampled :
PB114874BS

Tot Ion:278	Resp:	525754
Ion Ratio	Lower	Upper
278	100	
139	16.4	11.5 17.3
279	24.4	18.6 27.8

Manual Integrations
APPROVED

Sohil
11/20/2018 9:41:40 AM



#92
Benzo(g,h,i)perylene
Concen: 41.835 ng
RT: 30.09 min Scan# 4562
Delta R.T. -0.00 min
Lab File: BG038062.D
Acq: 19 Nov 2018 14:41

Tgt Ion:276	Resp:	528309
Ion Ratio	Lower	Upper
276	100	
277	23.9	18.9 28.3
138	21.9	17.2 25.8

