

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038113.D
 Acq On : 21 Nov 2018 11:09
 Operator : JU/SJ
 Sample : PB114976BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Manual Integrations
 APPROVED

Sohil
 11/21/2018 3:23:24 PM

Quant Time: Nov 21 12:16:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39984	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	170889	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	106351	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	254587	20.00	ng	0.00
76) Chrysene-d12	21.76	240	240624	20.00	ng	0.00
87) Perylene-d12	25.08	264	254888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	234573	101.29	ng	0.00
7) Phenol-d6	7.23	99	325466	98.46	ng	0.00
23) Nitrobenzene-d5	9.26	82	196437	61.53	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	103433	85.28	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	442439	60.61	ng	0.00
79) Terphenyl-d14	20.07	244	704990	68.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	27582	25.215	ng	96
3) Pyridine	3.92	79	80398	25.766	ng	97
4) n-Nitrosodimethylamine	3.84	42	42541	37.579	ng	93
6) Aniline	7.41	93	39644	9.292	ng	98
8) 2-Chlorophenol	7.64	128	95034	35.366	ng	95
9) Benzaldehyde	7.23	77	43075	18.019	ng	99
10) Phenol	7.26	94	124732	35.623	ng	100
11) bis(2-Chloroethyl)ether	7.50	93	90194	31.552	ng	98
12) 1,3-Dichlorobenzene	7.97	146	93767	30.290	ng	96
13) 1,4-Dichlorobenzene	8.12	146	95203	30.445	ng	100
14) 1,2-Dichlorobenzene	8.44	146	92461	30.970	ng	97
15) Benzyl Alcohol	8.32	79	80340	33.587	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	178911	33.706	ng	98
17) 2-Methylphenol	8.52	107	84759	35.805	ng	98
18) Hexachloroethane	9.17	117	35575	31.259	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	72287	30.221	ng	98
20) 3+4-Methylphenols	8.85	107	115940	34.549	ng	98
22) Acetophenone	8.92	105	137241	32.278	ng	# 99
24) Nitrobenzene	9.31	77	110186	33.741	ng	98
25) Isophorone	9.82	82	200551	34.903	ng	99
26) 2-Nitrophenol	10.02	139	51165	31.384	ng	95
27) 2,4-Dimethylphenol	10.06	122	96561	39.311	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	124136	33.786	ng	96
29) 2,4-Dichlorophenol	10.55	162	97854	35.417	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	99403	32.106	ng	97
31) Naphthalene	10.96	128	291380	34.667	ng	99
32) Benzoic acid	10.22	122	6980m	15.612	ng	
33) 4-Chloroaniline	11.07	127	32855	8.403	ng	95
34) Hexachlorobutadiene	11.21	225	57110	29.971	ng	98
35) Caprolactam	11.85	113	33645	30.423	ng	# 84
36) 4-Chloro-3-methylphenol	12.17	107	104675	34.678	ng	99
37) 2-Methylnaphthalene	12.55	142	215749	35.735	ng	96
38) 1-Methylnaphthalene	12.77	142	202076	34.772	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	108545	30.544	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	124640	65.498	ng	98
43) 2,4,6-Trichlorophenol	13.15	196	76879	31.746	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	83294	32.689	ng	98
46) 1,1'-Biphenyl	13.55	154	273731	30.637	ng	98
47) 2-Chloronaphthalene	13.60	162	220178	32.294	ng	99
48) 2-Nitroaniline	13.81	65	75611	35.237	ng	97
49) Acenaphthylene	14.45	152	364384	35.540	ng	100
50) Dimethylphthalate	14.17	163	283265	33.597	ng	100
51) 2,6-Dinitrotoluene	14.30	165	65590	34.372	ng	97
52) Acenaphthene	14.79	154	208817	33.831	ng	99
53) 3-Nitroaniline	14.63	138	33577	15.946	ng	# 94
54) 2,4-Dinitrophenol	14.84	184	3696	12.456	ng	# 87
55) Dibenzofuran	15.12	168	342702	33.578	ng	99
56) 4-Nitrophenol	14.93	139	85430	52.605	ng	98
57) 2,4-Dinitrotoluene	15.09	165	91419	35.211	ng	95
58) Fluorene	15.77	166	273956	35.976	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	62809	29.458	ng	92
60) Diethylphthalate	15.52	149	297377	33.207	ng	98
61) 4-Chlorophenyl-phenylether	15.75	204	140764	31.591	ng	97
62) 4-Nitroaniline	15.80	138	71040	33.962	ng	95
63) Azobenzene	16.04	77	279189	34.868	ng	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	9163	5.690	ng	92
66) n-Nitrosodiphenylamine	15.97	169	251837	32.698	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	87594	31.347	ng	98
68) Hexachlorobenzene	16.76	284	89873	31.159	ng	97
69) Atrazine	16.91	200	91460	32.213	ng	99
70) Pentachlorophenol	17.11	266	36654	18.711	ng	91
71) Phenanthrene	17.51	178	464634	35.646	ng	99
72) Anthracene	17.60	178	474347	36.918	ng	100
73) Carbazole	17.88	167	428331	33.227	ng	99
74) Di-n-butylphthalate	18.41	149	522352	36.098	ng	99
75) Fluoranthene	19.52	202	550285	37.003	ng	99
77) Benzidine	19.70	184	99471	11.781	ng	98
78) Pyrene	19.88	202	550159	34.970	ng	99
80) Butylbenzylphthalate	20.75	149	238871	34.720	ng	98
81) Benzo(a)anthracene	21.73	228	525958	36.170	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	82852	14.627	ng	100
83) Chrysene	21.80	228	492278	35.383	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	334812	34.125	ng	98
85) Di-n-octyl phthalate	22.84	149	577892	36.407	ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	553224	35.803	ng	# 90
88) Benzo(b)fluoranthene	24.01	252	521567	37.184	ng	99
89) Benzo(k)fluoranthene	24.08	252	501131	36.207	ng	98
90) Benzo(a)pyrene	24.92	252	505159	37.685	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	433144	33.582	ng	98
92) Benzo(g,h,i)perylene	30.08	276	433537	33.805	ng	97

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

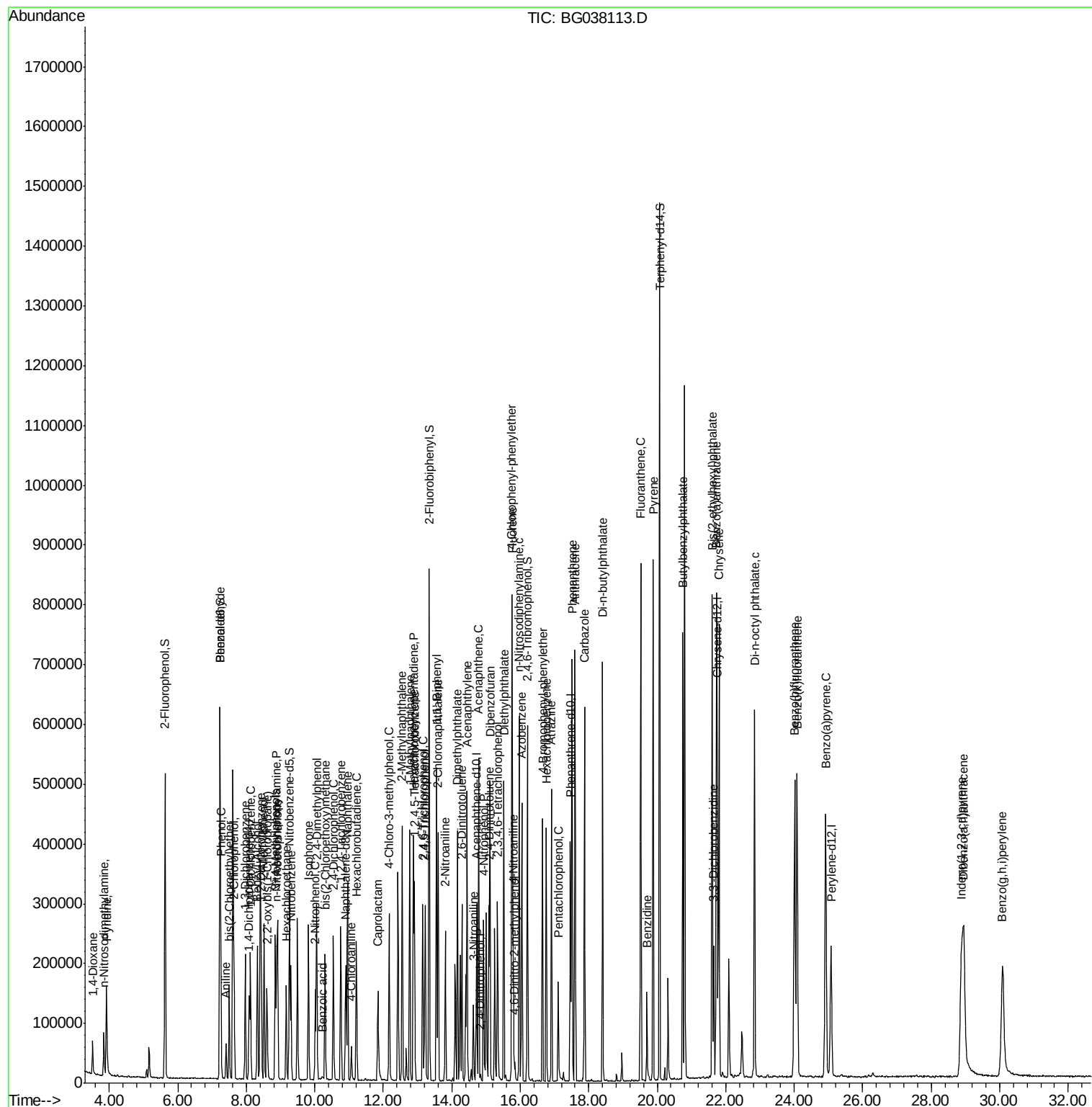
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
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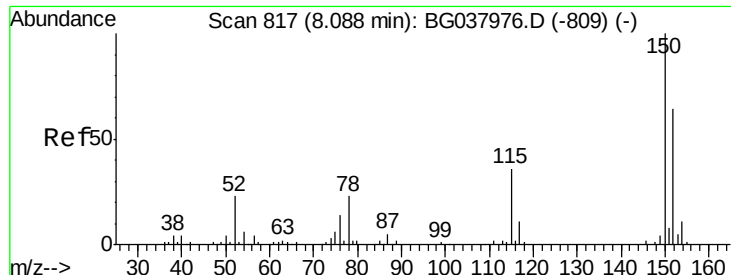
Instrument :
BNA_G
ClientSampleId :
PB114976BS

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#1

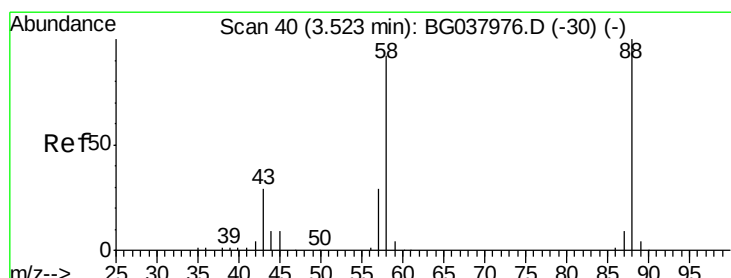
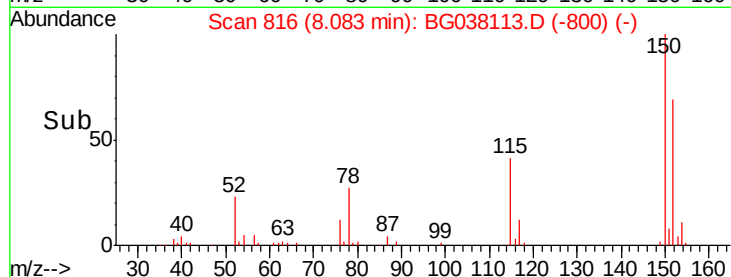
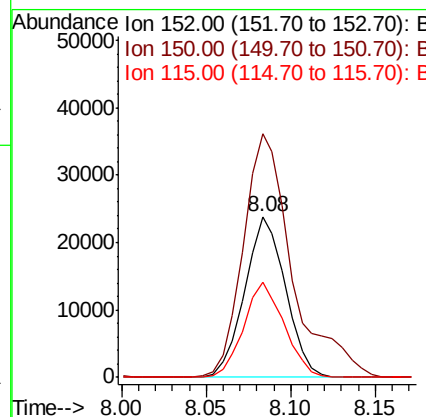
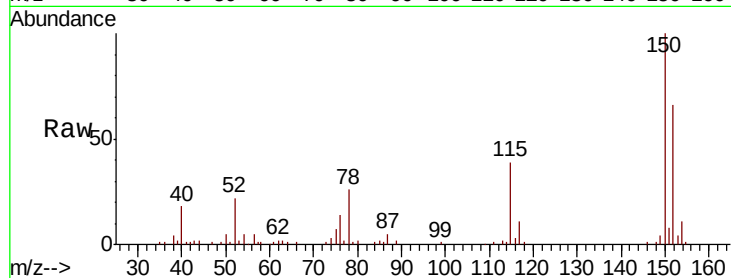
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.0	189.0
115	59.2	45.5	68.3

Manual Integrations
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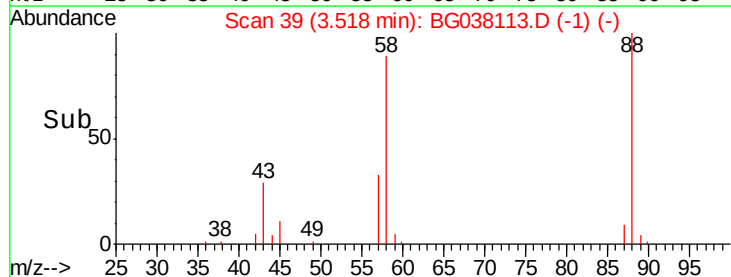
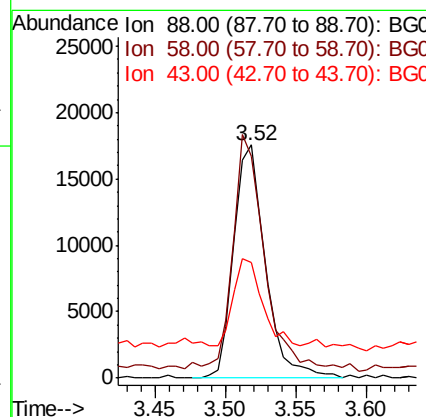
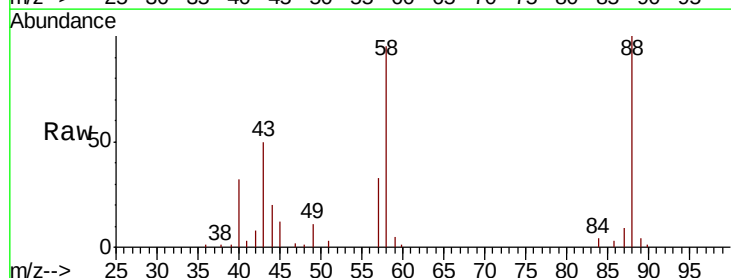
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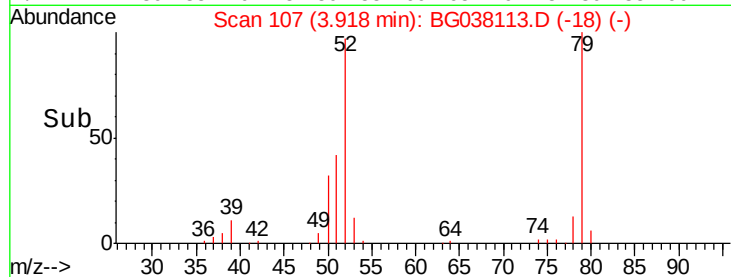
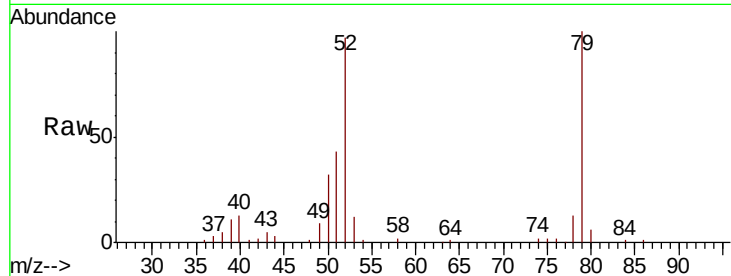
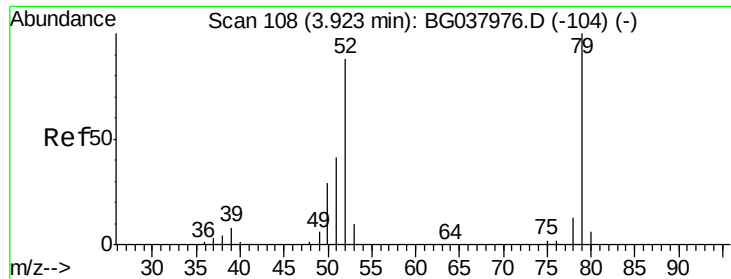


#2

1,4-Dioxane
Concen: 25.215 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.7	74.4	111.6
43	33.9	25.8	38.8





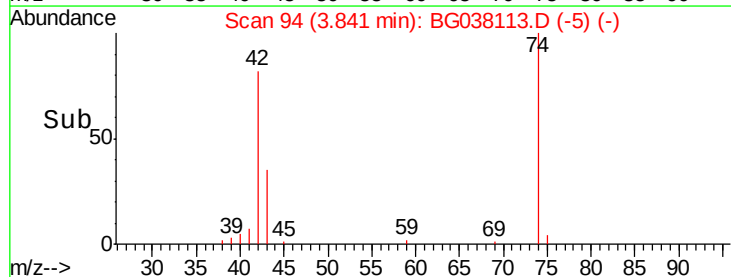
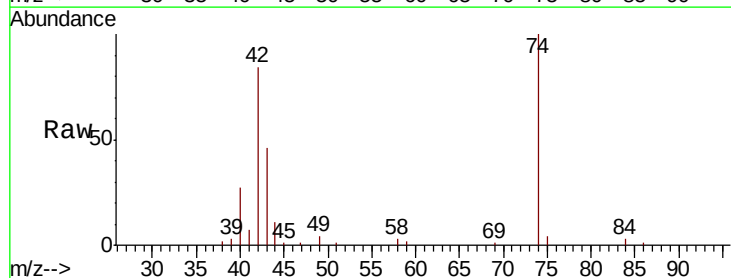
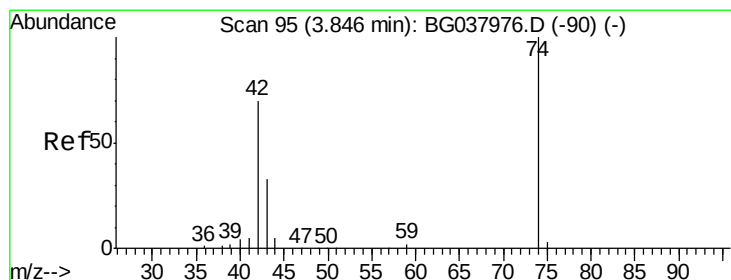
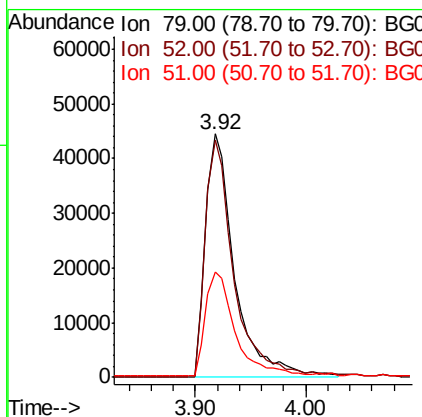
#3
 Pvridine
 Concen: 25.766 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	97.4	74.2	111.2
51	43.5	34.6	51.8

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

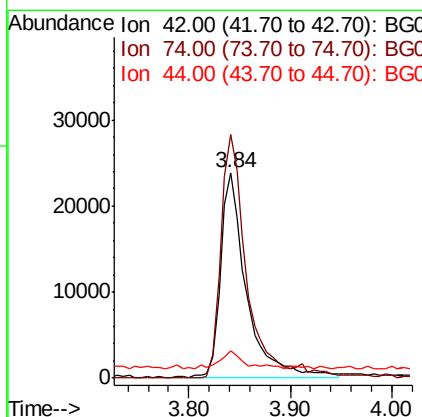
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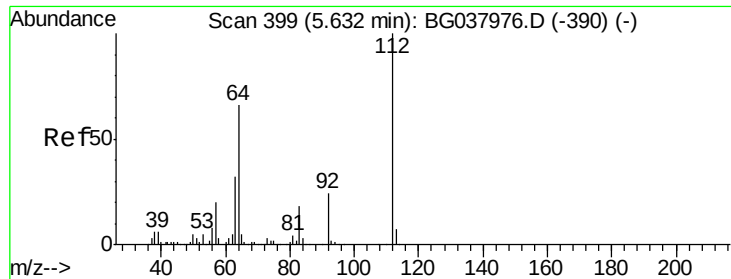
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#4
 n-Nitrosodimethylamine
 Concen: 37.579 ng
 RT: 3.84 min Scan# 94
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.6	102.0	153.0
44	13.2	9.6	14.4





#5

2-Fluorophenol

Concen: 101.292 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

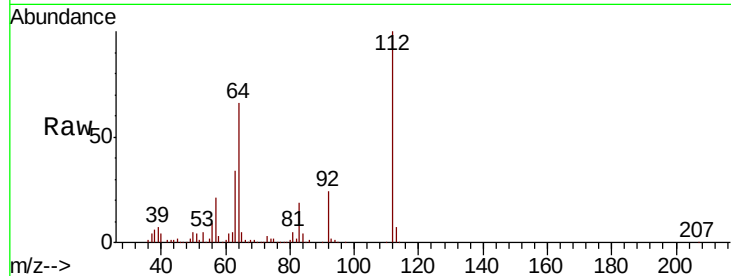
ClientSampleId :

PB114976BS

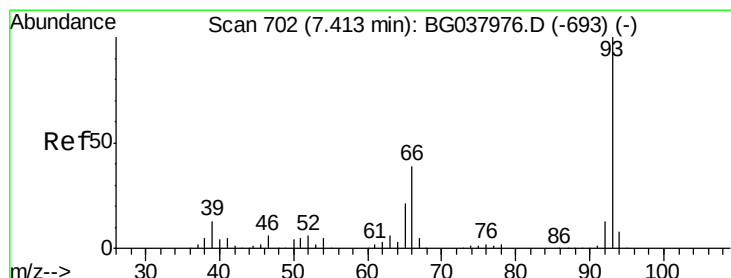
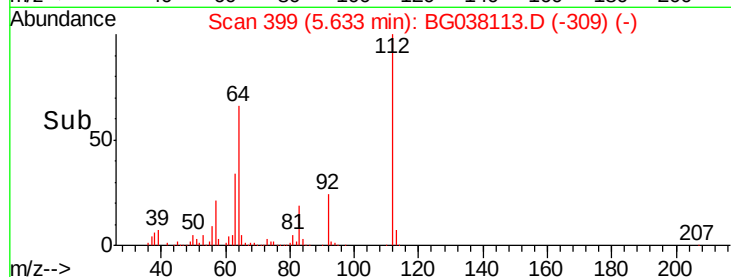
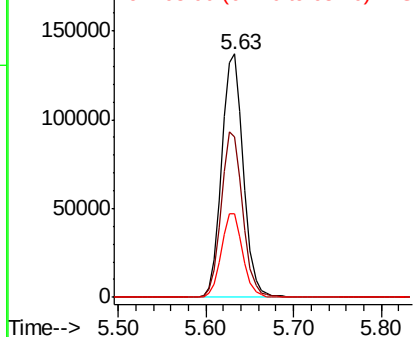
Tot Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.1	79.7
63	34.4	27.3	40.9

Manual Integrations
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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: 9.292 ng

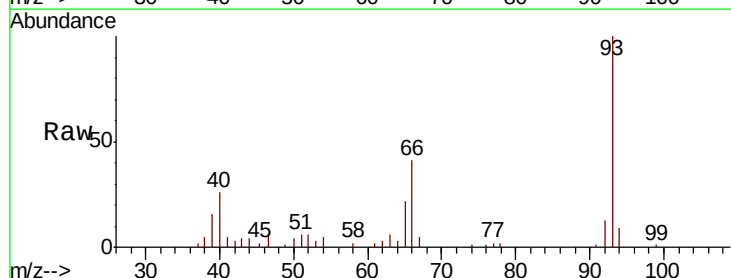
RT: 7.41 min Scan# 702

Delta R.T. 0.00 min

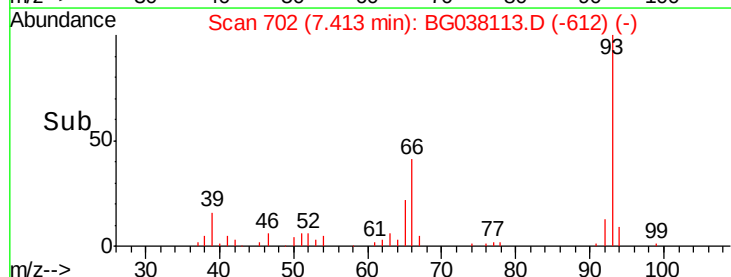
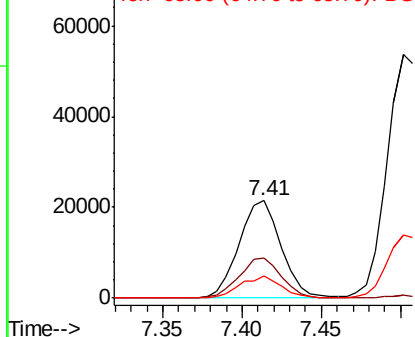
Lab File: BG038113.D

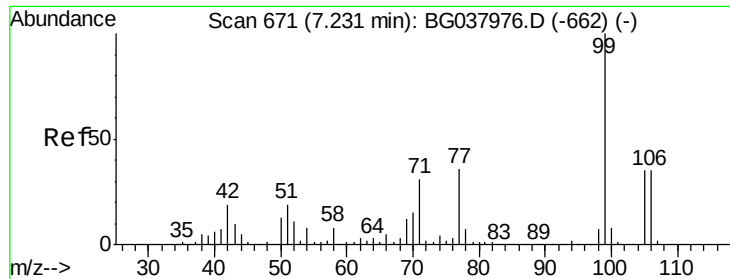
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.7	32.8	49.2
65	22.4	16.4	24.6



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





#7

Phenol-d6

Concen: 98.457 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

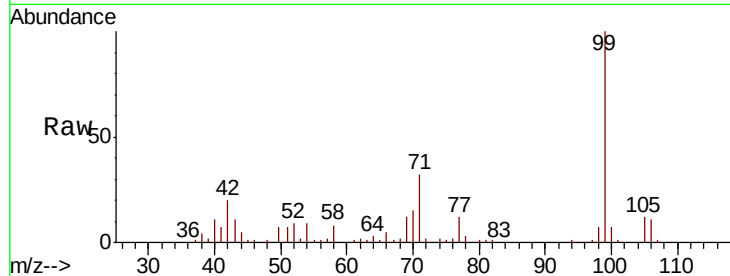
ClientSampleId :

PB114976BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		325466		
42	20.0	15.0	22.4		
71	31.7	25.5	38.3		

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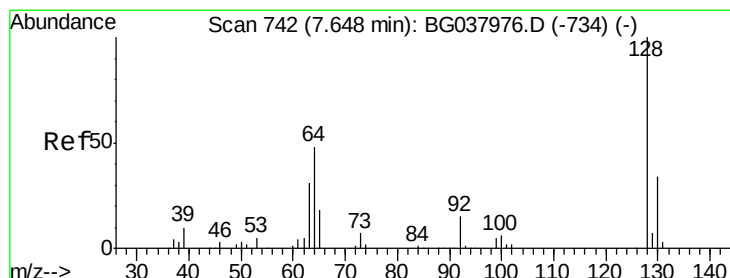
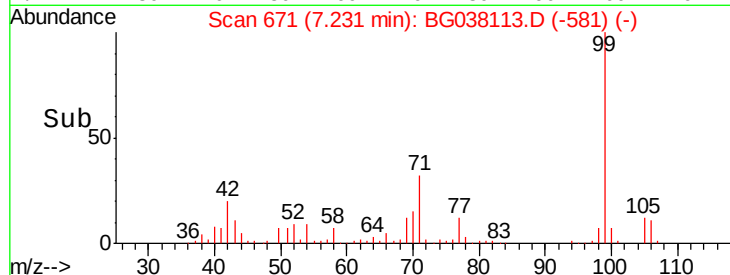
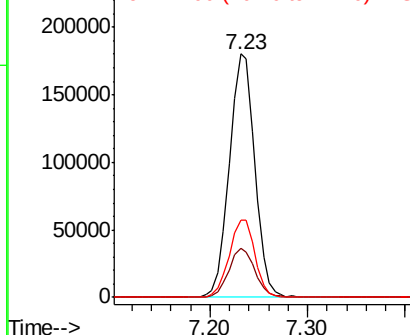


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 35.366 ng

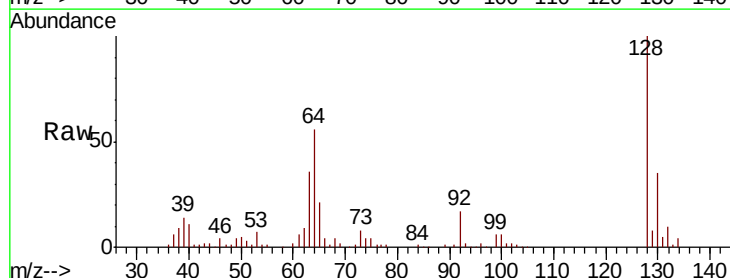
RT: 7.64 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		95034		
130	34.7	12.0	52.0		
64	56.3	32.9	72.9		

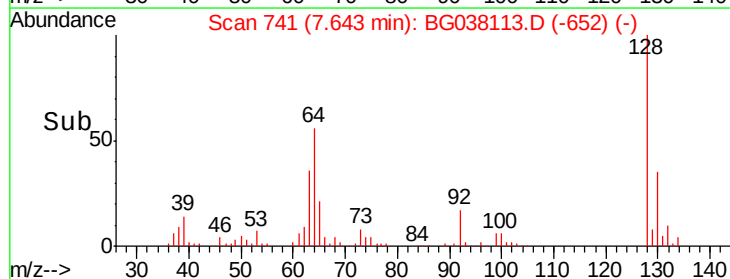
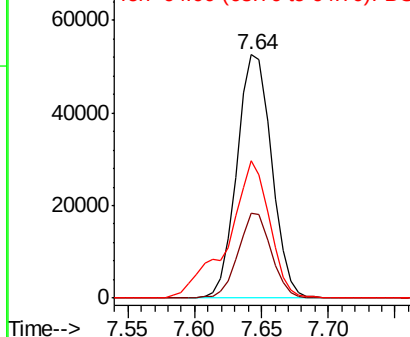


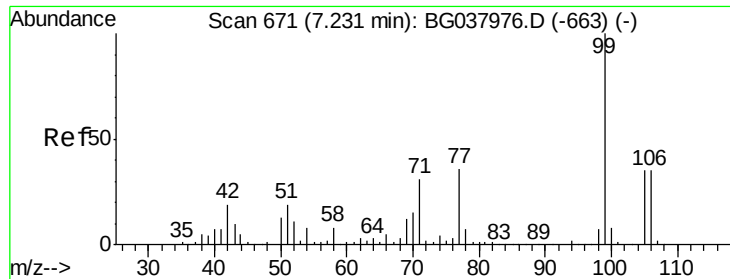
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.019 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

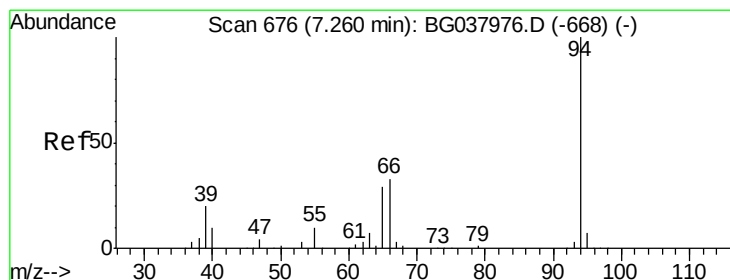
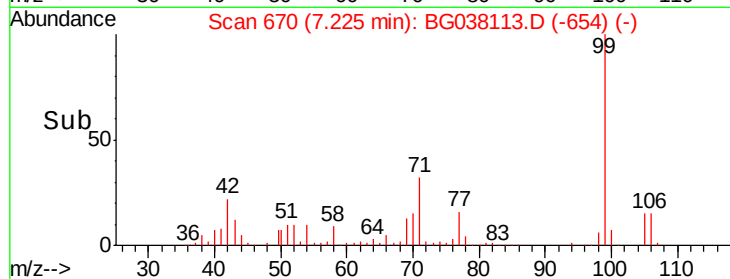
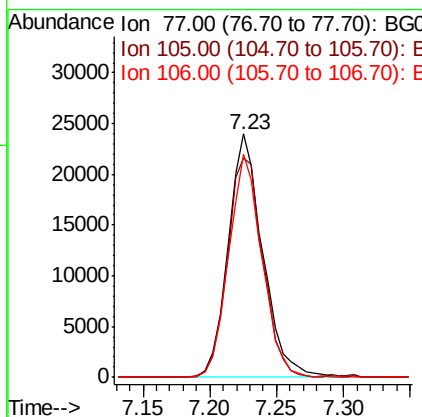
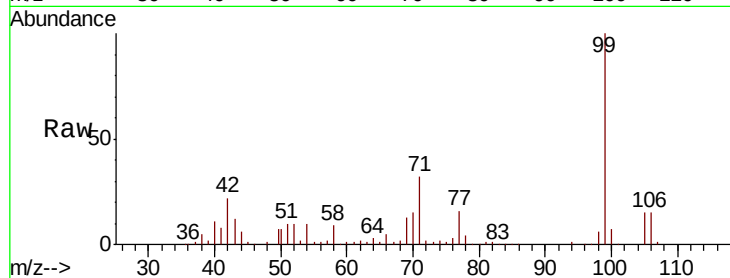
ClientSampleId :

PB114976BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.2	72.6	112.6
106	91.6	71.3	111.3

Manual Integrations
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#10

Phenol

Concen: 35.623 ng

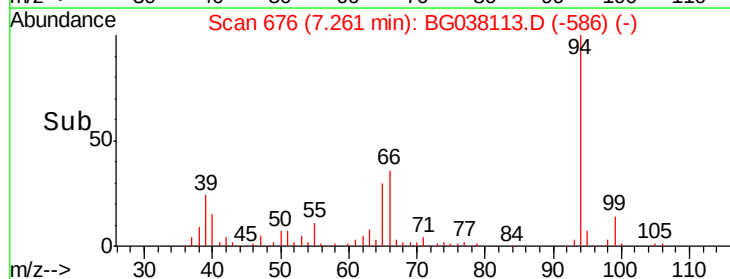
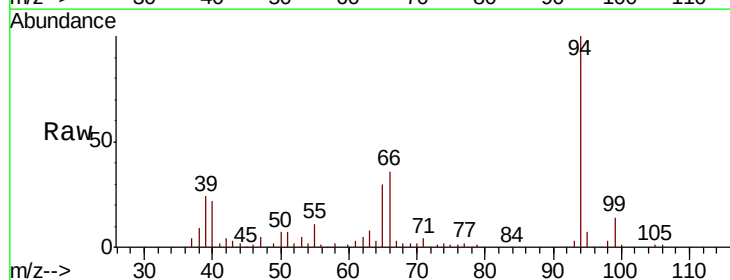
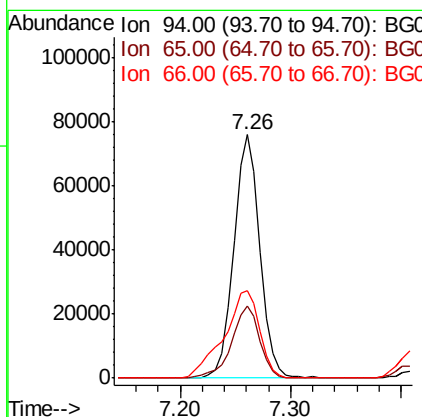
RT: 7.26 min Scan# 676

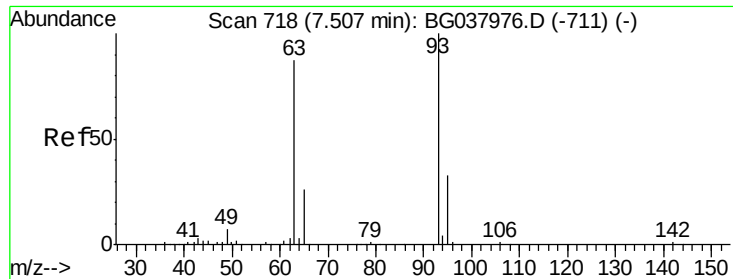
Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.7	49.7
66	36.1	15.9	55.9





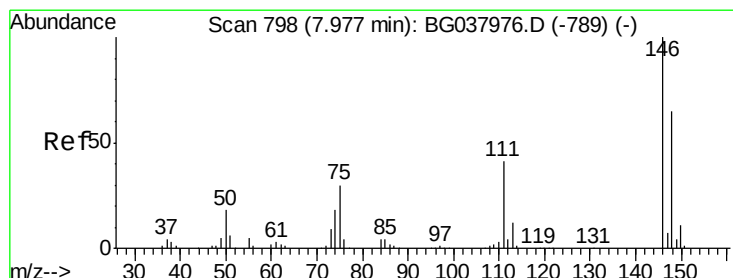
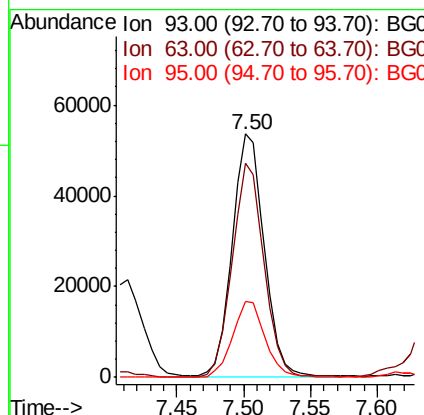
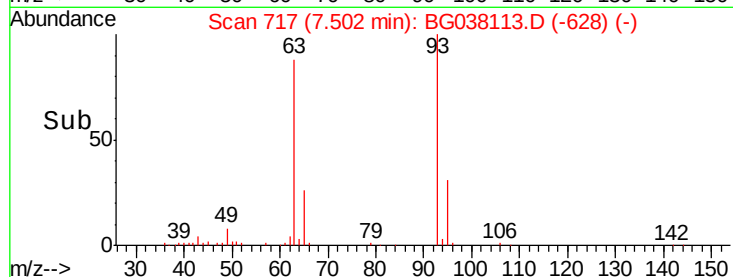
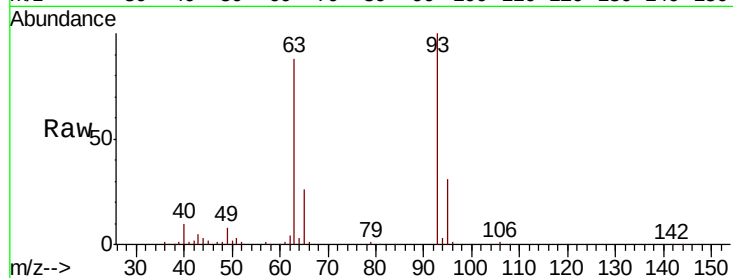
#11
bis(2-Chloroethyl)ether
Concen: 31.552 ng
RT: 7.50 min Scan# 717
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.9	69.5	109.5
95	31.4	12.6	52.6

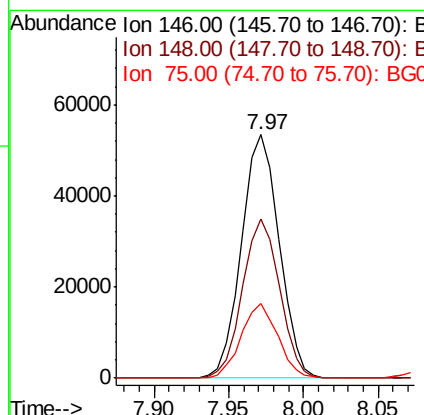
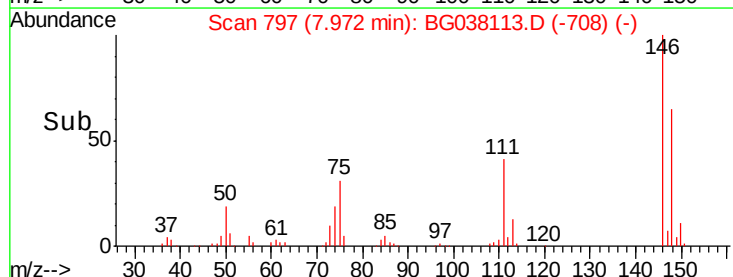
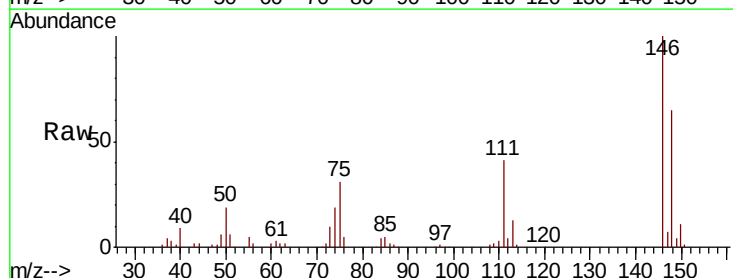
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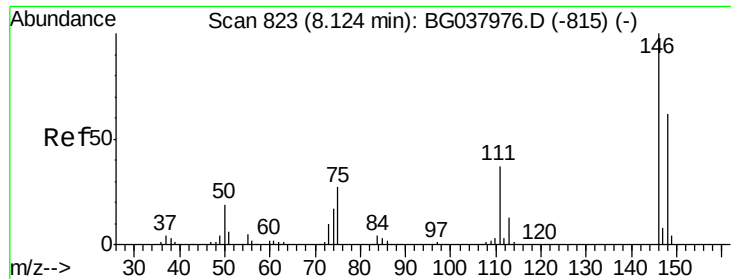
Sohil
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#12
1,3-Dichlorobenzene
Concen: 30.290 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.8	74.8
75	30.7	23.2	34.8





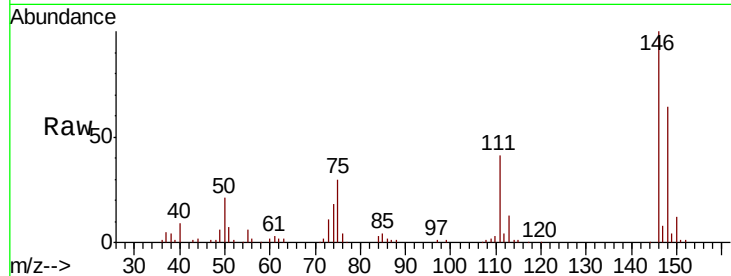
#13
 1,4-Dichlorobenzene
 Concen: 30.445 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	40.7	32.4	48.6

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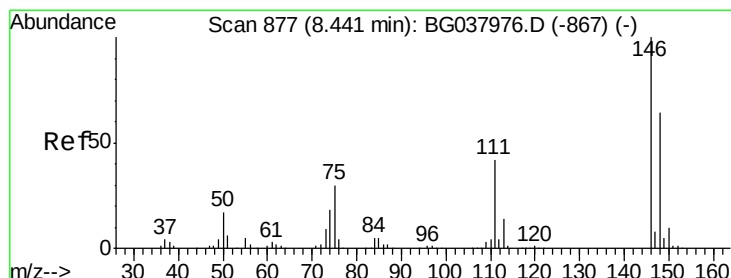
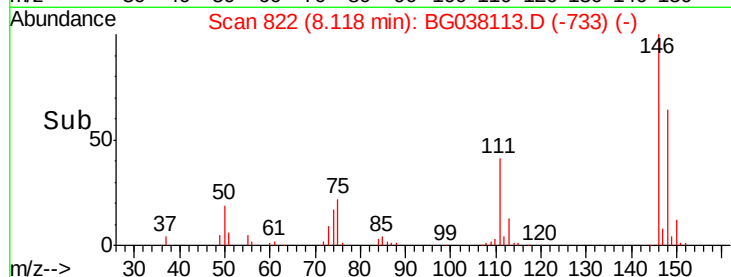
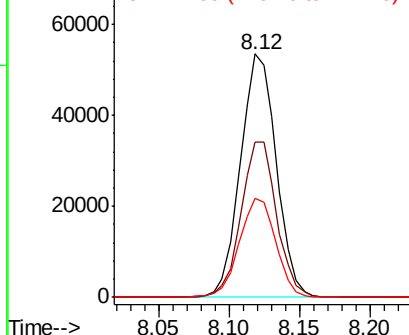


Abundance

Ion 146.00 (145.70 to 146.70): E

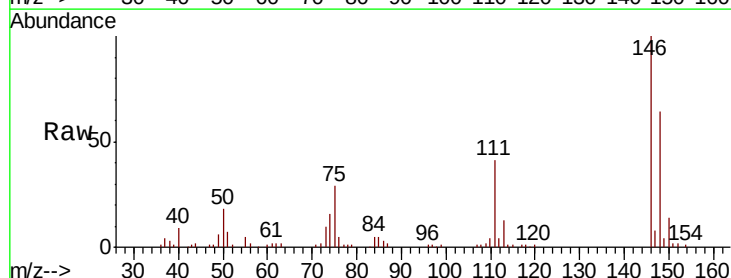
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 30.970 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	40.8	34.6	51.8

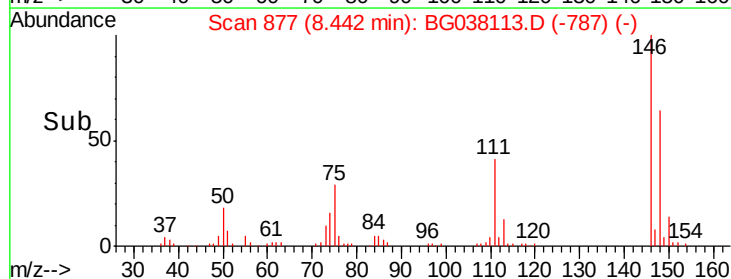
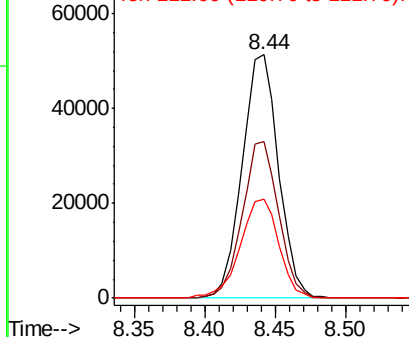


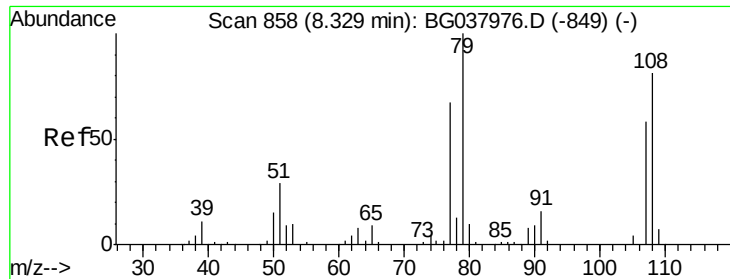
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





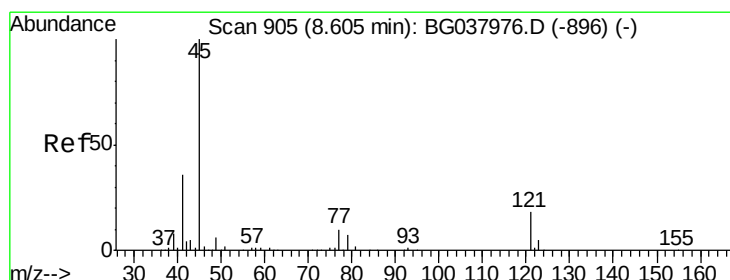
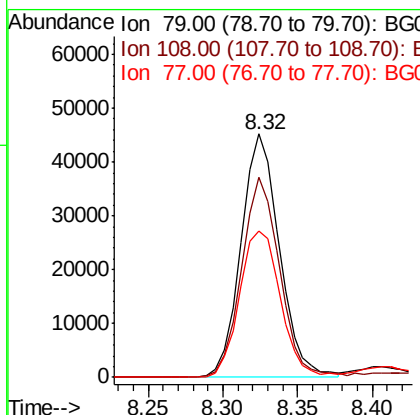
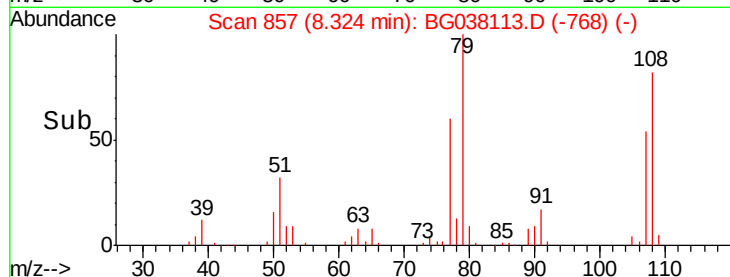
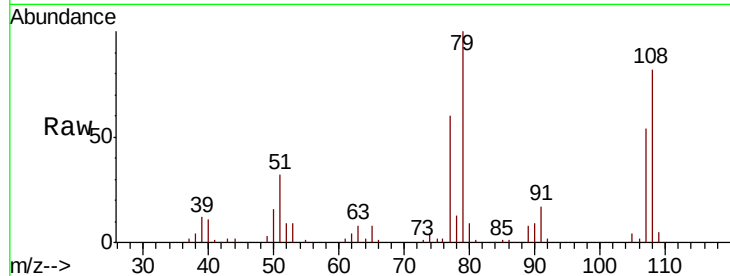
#15
Benzyl Alcohol
Concen: 33.587 ng
RT: 8.32 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	65.8	98.8
77	59.9	52.9	79.3

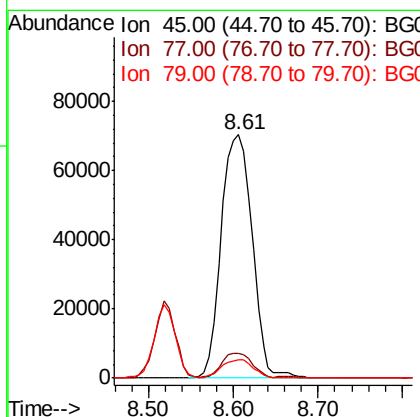
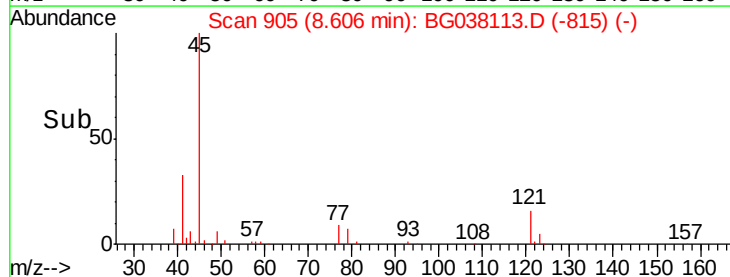
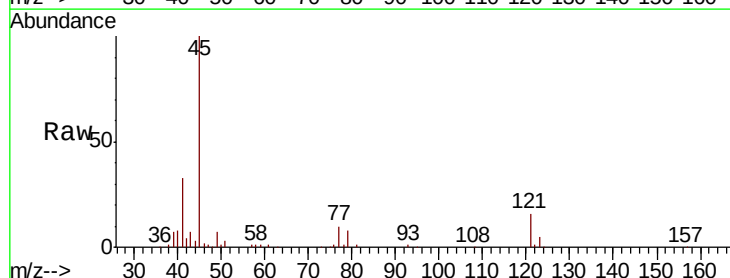
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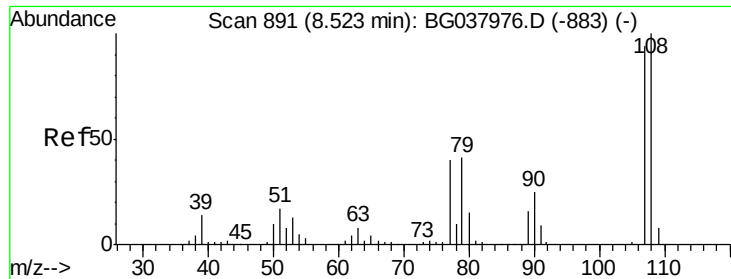
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.706 ng
RT: 8.61 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.0
79	7.7	0.0	29.0





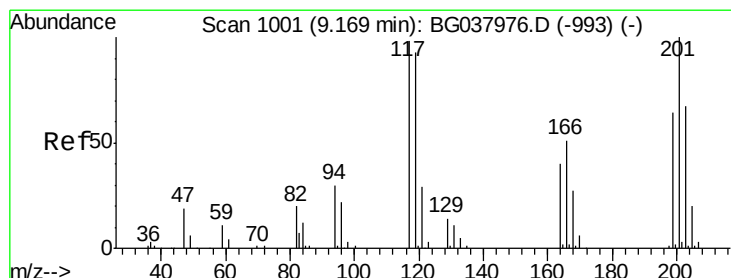
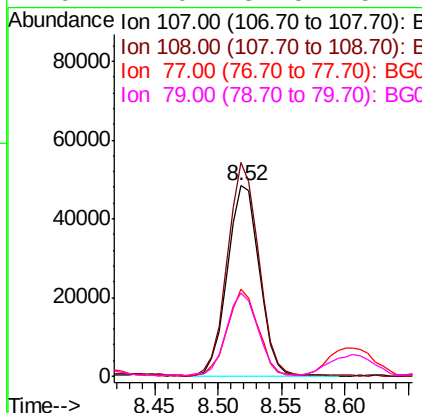
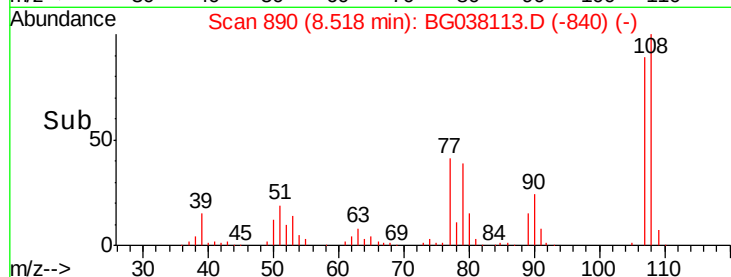
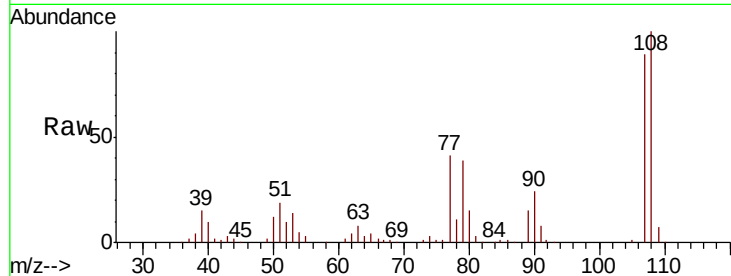
#17
2-Methylphenol
Concen: 35.805 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	87.9	131.9
77	46.0	35.1	52.7
79	44.0	34.5	51.7

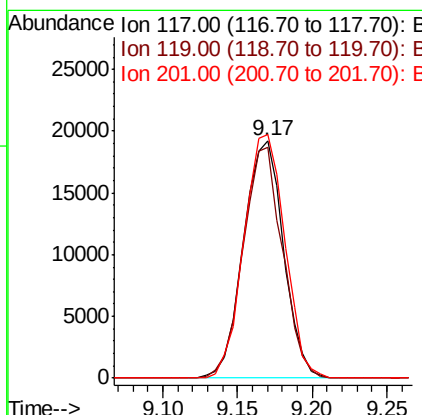
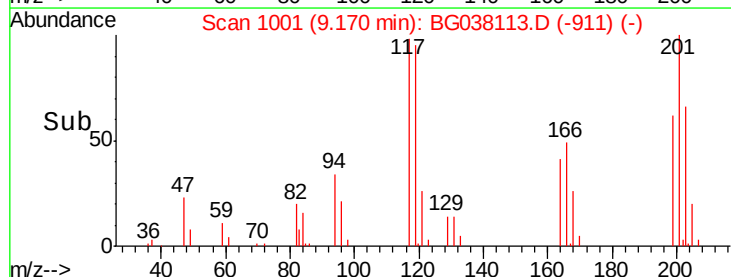
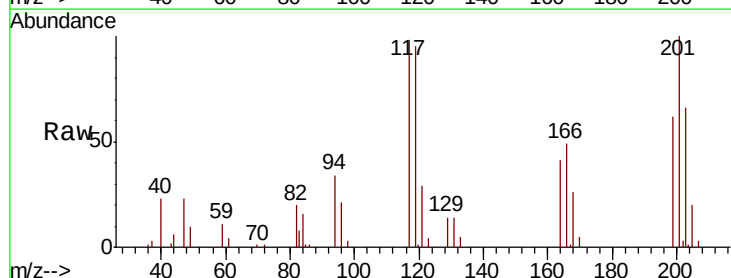
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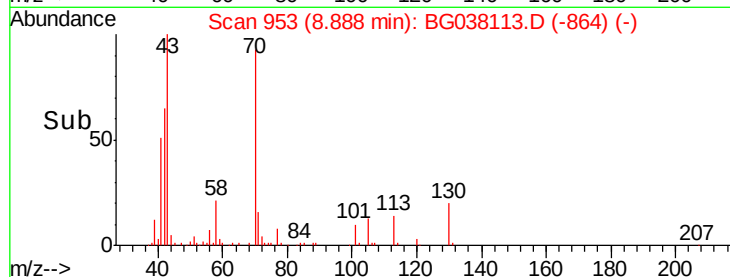
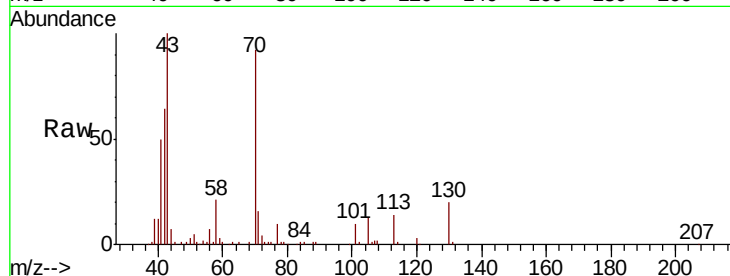
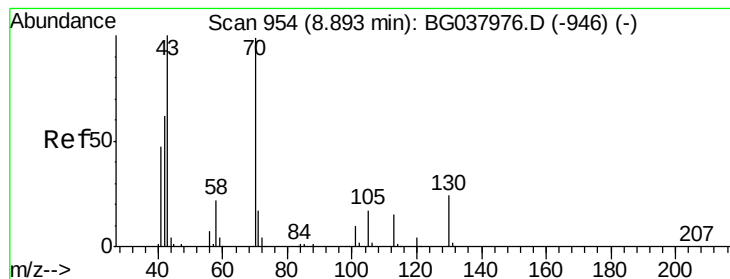
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#18
Hexachloroethane
Concen: 31.259 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.6	111.8
201	102.5	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 30.221 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

PB114976BS

Tot Ion: 70 Resp: 72287

Ion Ratio Lower Upper

70 100

42 69.2 53.9 80.9

101 11.0 8.2 12.2

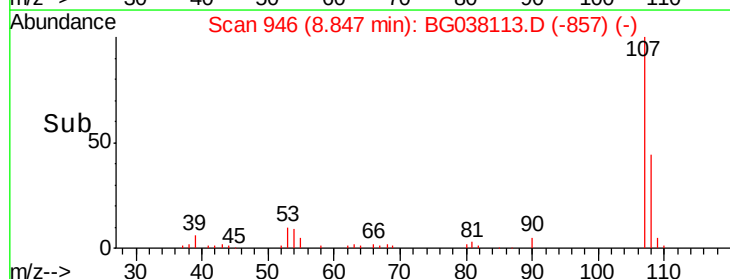
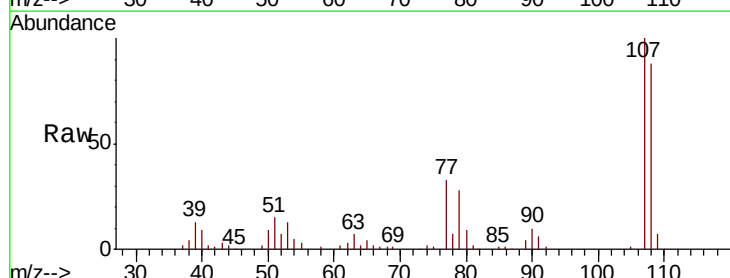
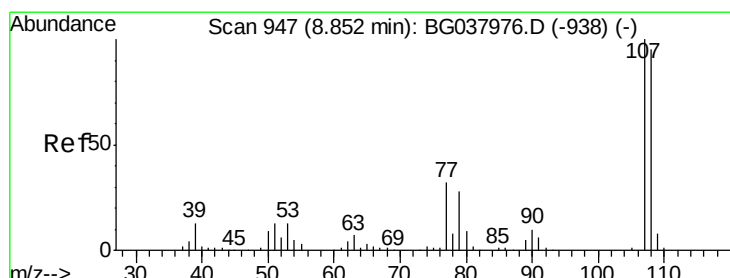
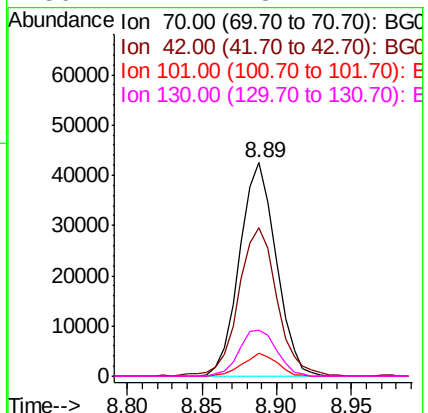
130 21.7 18.2 27.4

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#20

3+4-Methylphenols

Concen: 34.549 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion: 107 Resp: 115940

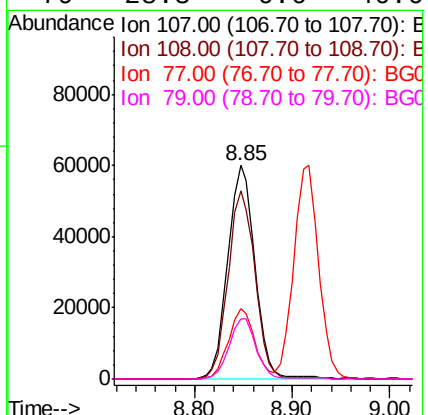
Ion Ratio Lower Upper

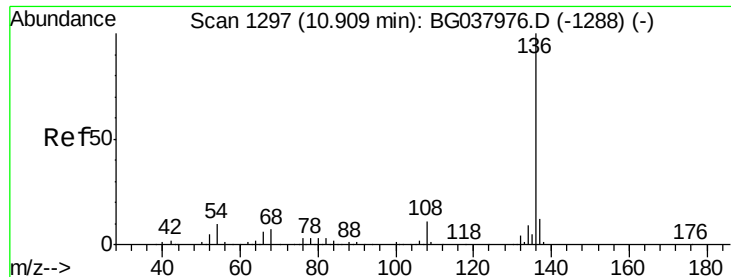
107 100

108 88.0 69.9 109.9

77 33.0 11.2 51.2

79 28.3 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: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

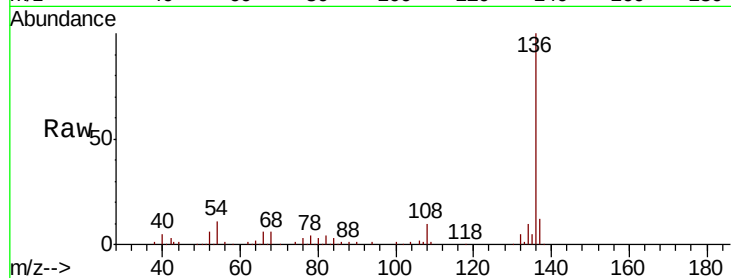
ClientSampled :

PB114976BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		170889		
137	12.3		9.6	14.4	
54	11.0		7.9	11.9	
68	6.4		4.8	7.2	

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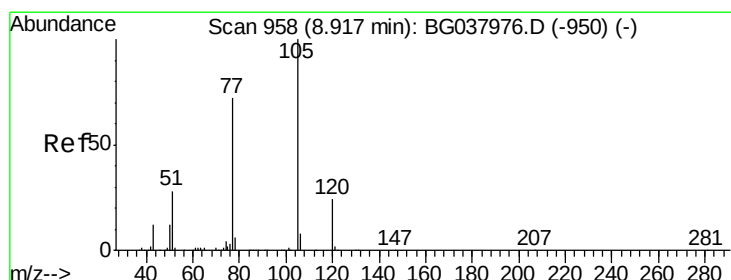
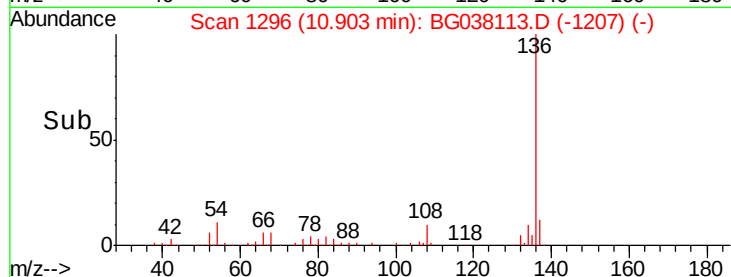
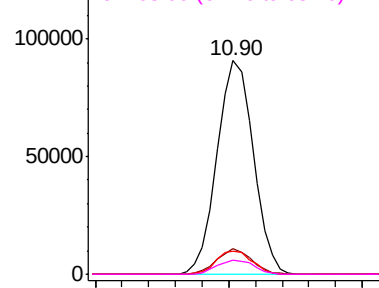
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 32.278 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		137241		
71	0.4		1.2	1.8#	
51	31.9		25.0	37.6	
120	24.0		18.6	28.0	

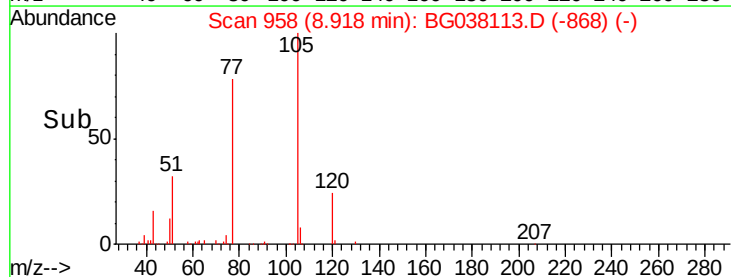
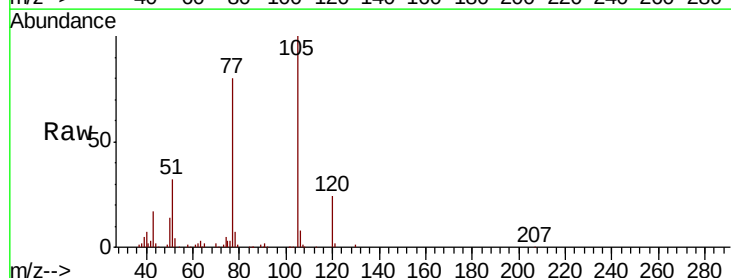
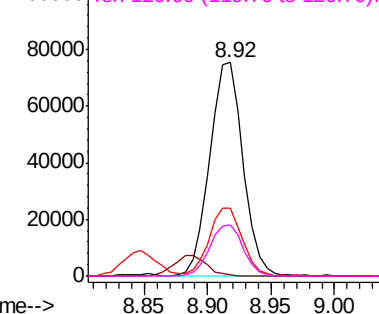
Abundance

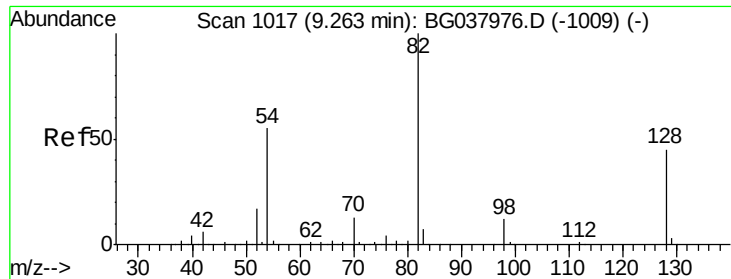
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





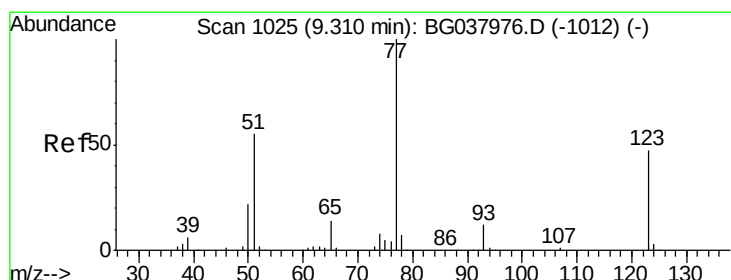
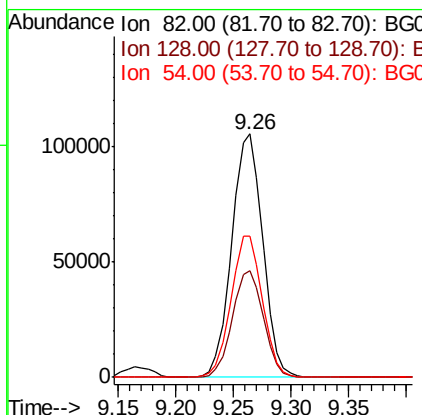
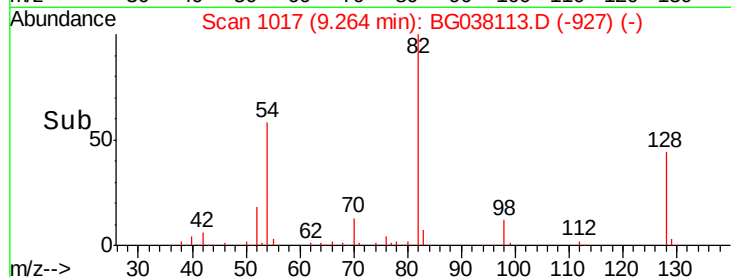
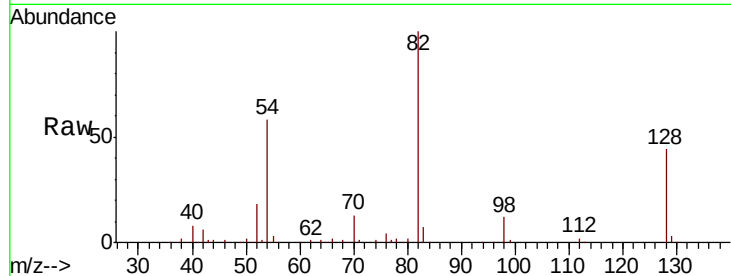
#23
Nitrobenzene-d5
Concen: 61.533 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	196437		
128	43.9	34.6	51.8	
54	58.1	45.3	67.9	

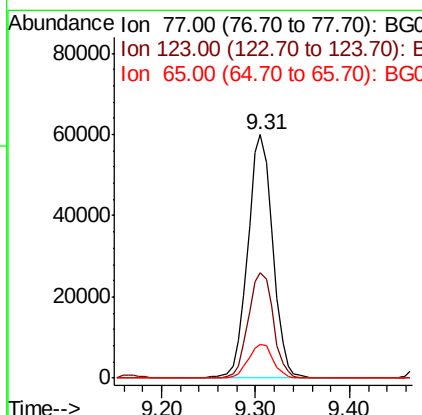
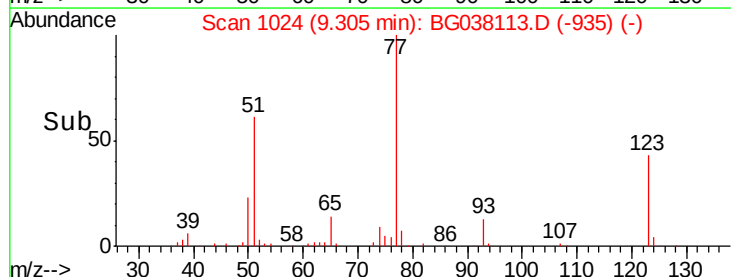
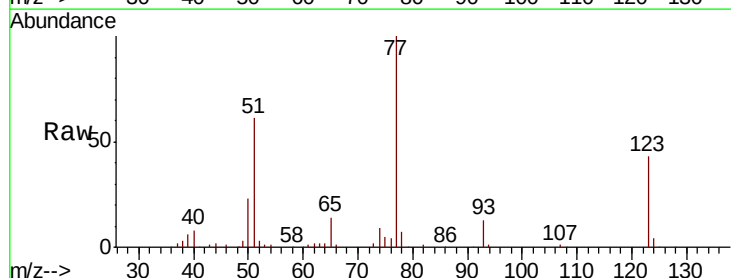
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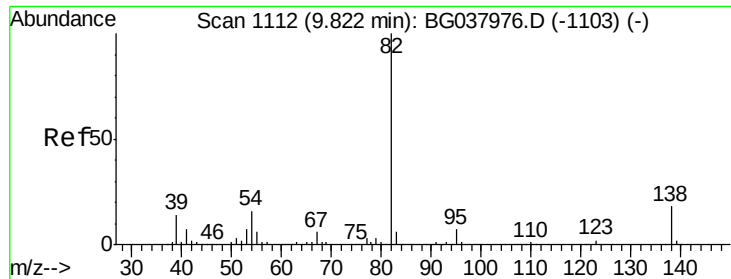
Sohil
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#24
Nitrobenzene
Concen: 33.741 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	110186		
123	43.4	33.6	50.4	
65	14.0	11.3	16.9	





#25

Isophorone

Concen: 34.903 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

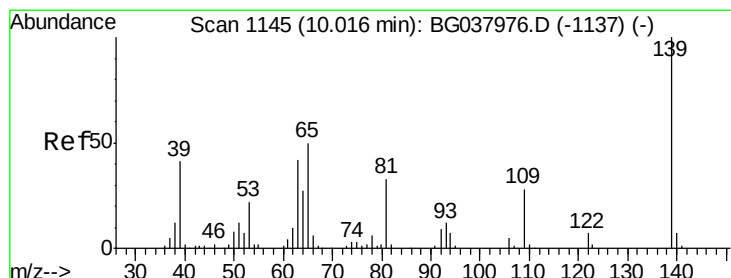
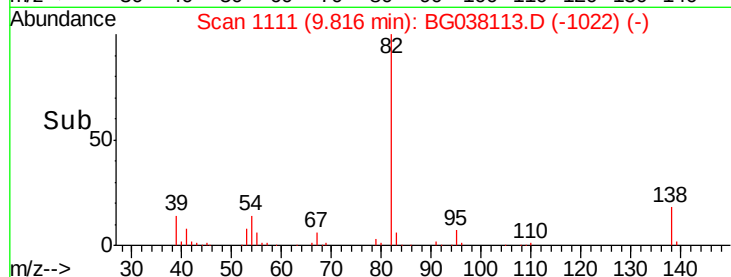
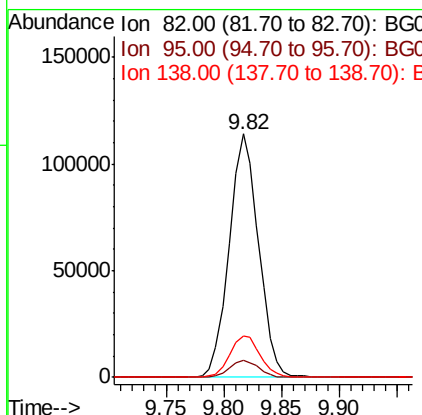
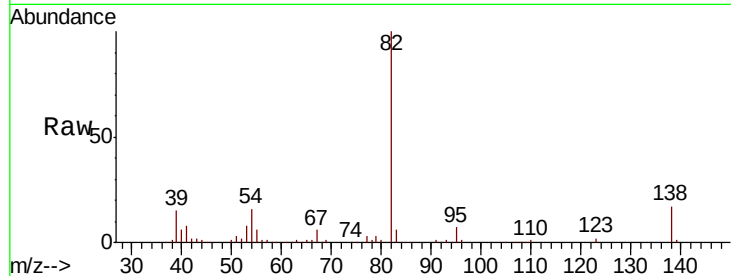
ClientSampleId :

PB114976BS

Tot Ion	82	Resp	200551
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	17.2	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 31.384 ng

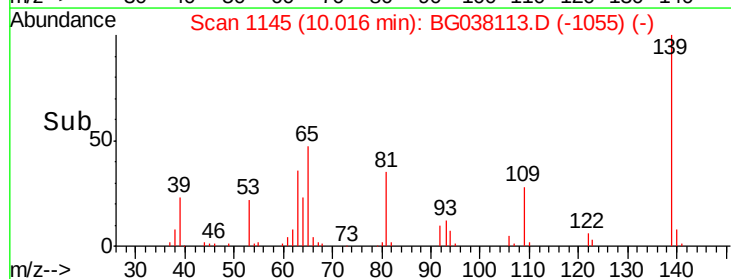
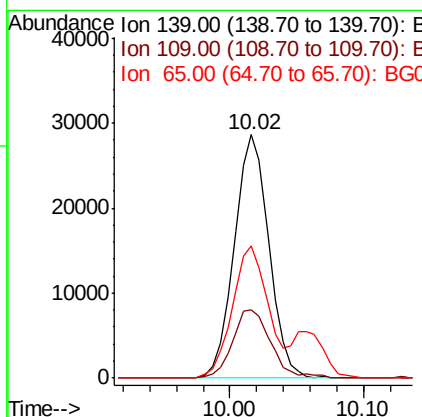
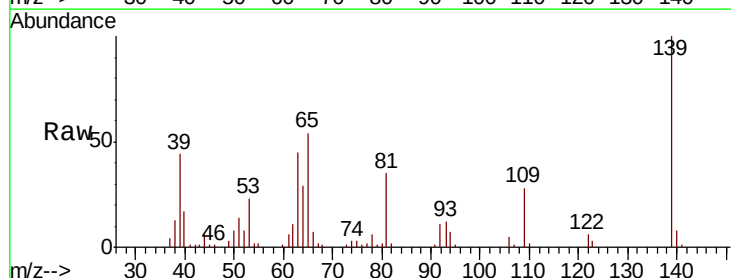
RT: 10.02 min Scan# 1145

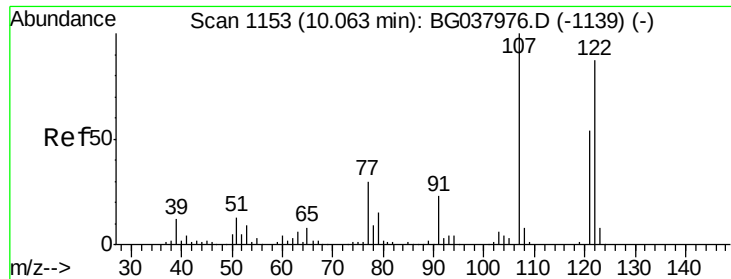
Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion	139	Resp	51165
Ion Ratio	Lower	Upper	
139	100		
109	28.1	23.3	34.9
65	54.3	39.8	59.8





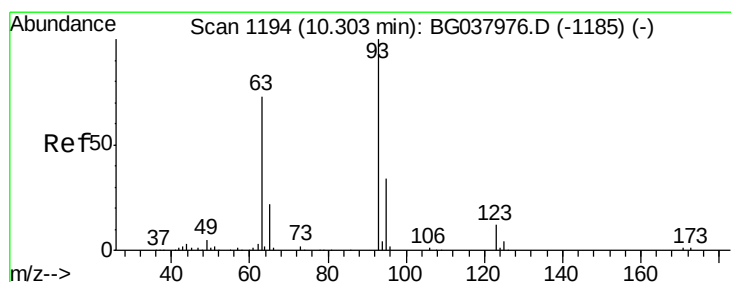
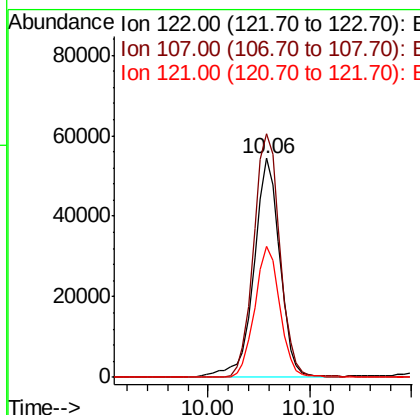
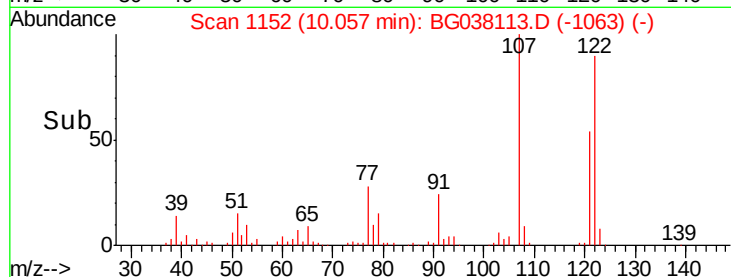
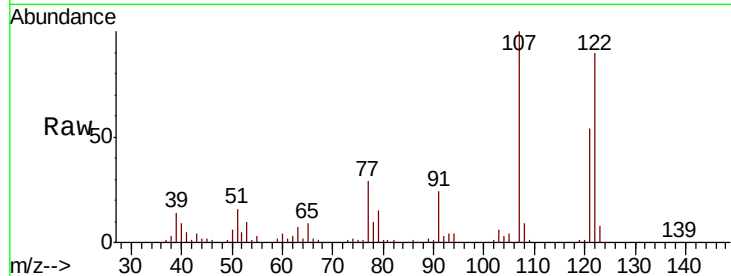
#27
2,4-Dimethylphenol
Concen: 39.311 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.1	94.2	141.2
121	59.9	47.3	70.9

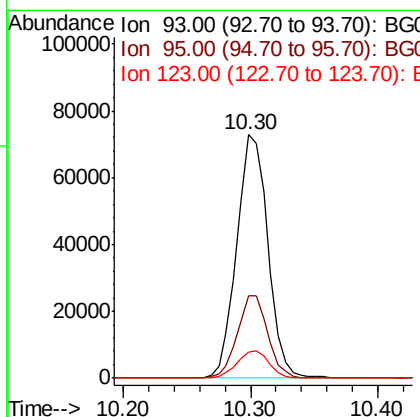
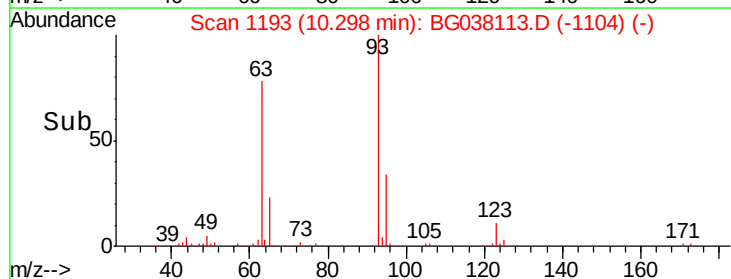
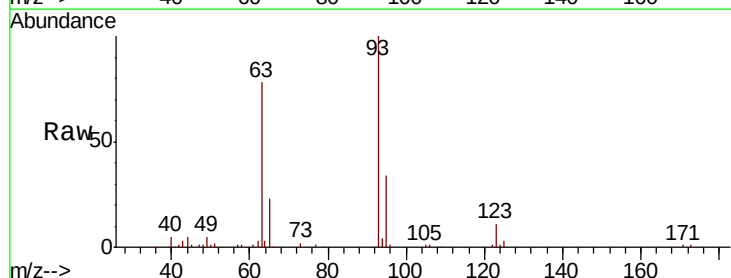
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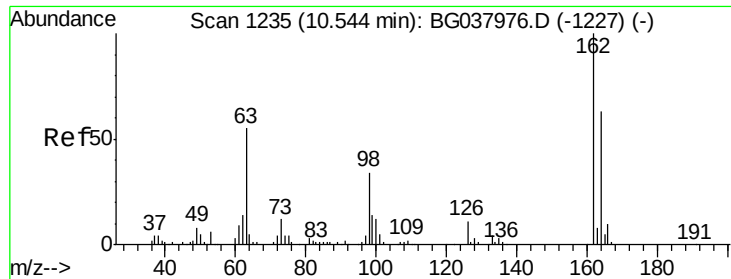
Sohil
11/21/2018 3:23:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.786 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.6	37.0
123	10.6	9.1	13.7





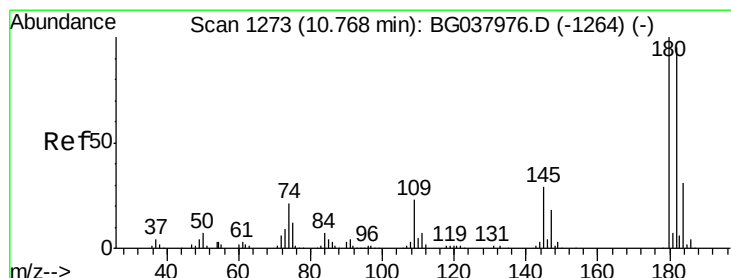
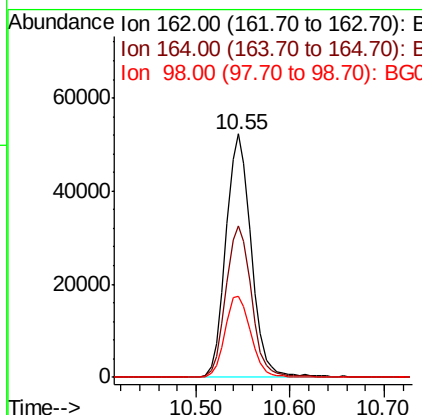
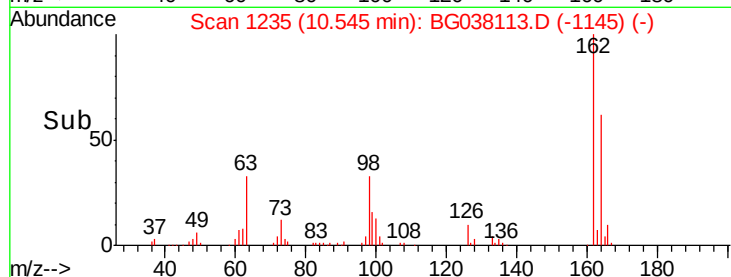
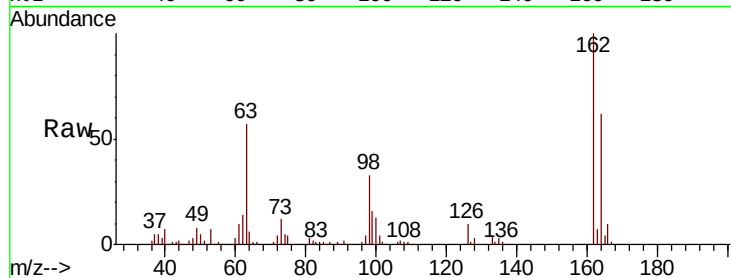
#29
2,4-Dichlorophenol
Concen: 35.417 ng
RT: 10.55 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.2	83.2
98	33.3	16.0	56.0

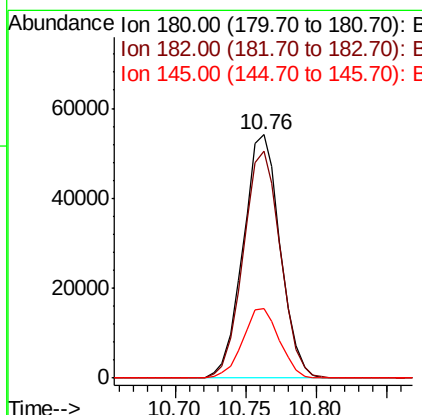
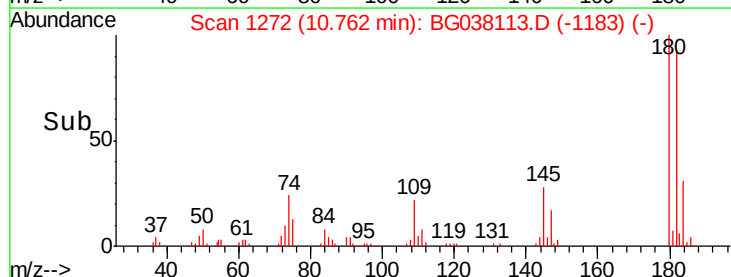
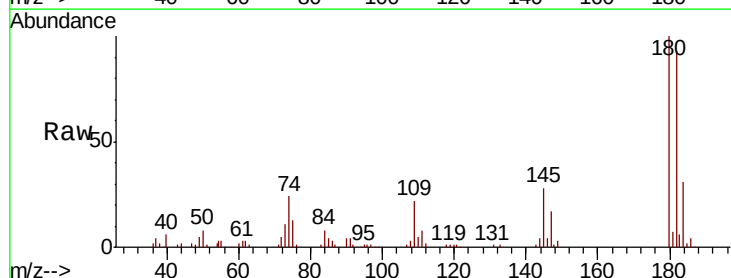
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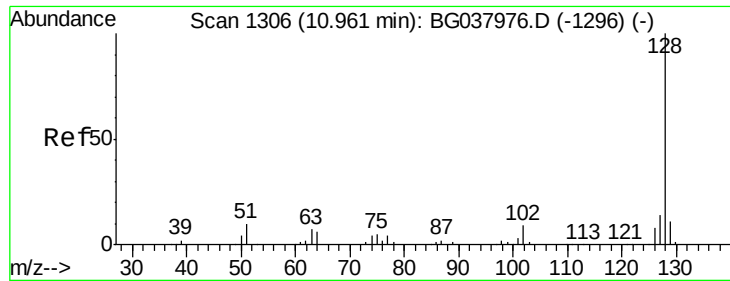
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 32.106 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.7	116.5
145	28.5	23.3	34.9





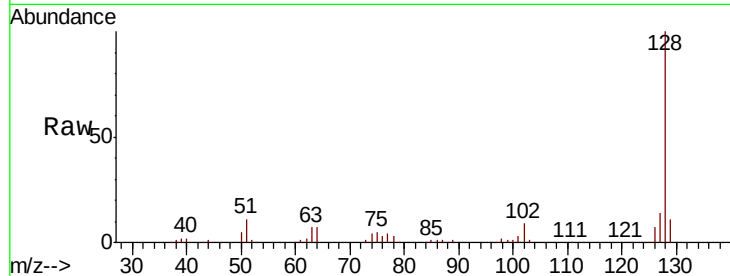
#31
Naphthalene
Concen: 34.667 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.4	11.1	16.7

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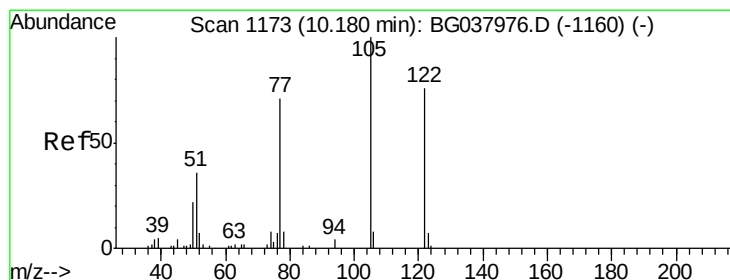
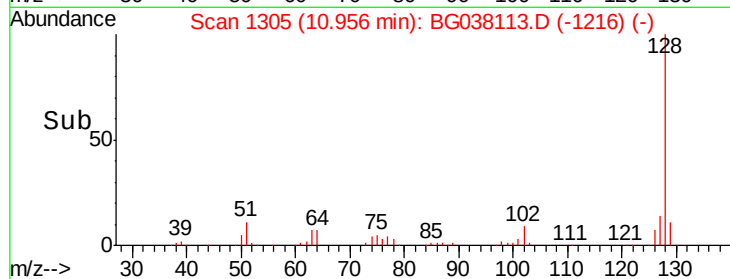
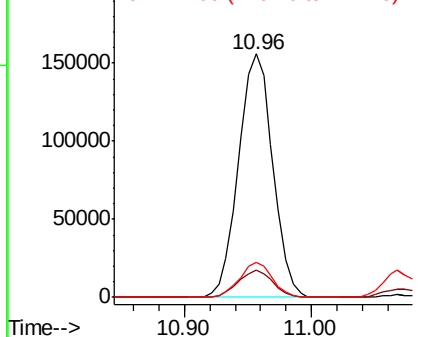


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 15.612 ng m
RT: 10.22 min Scan# 1180
Delta R.T. 0.04 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

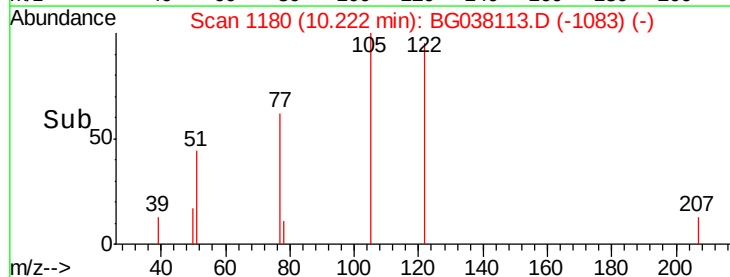
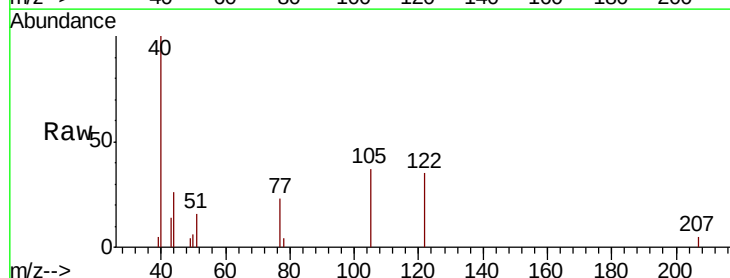
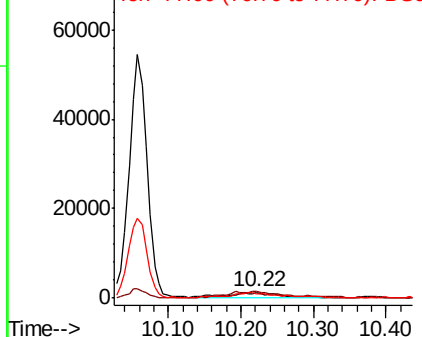
Tgt Ion	Ratio	Lower	Upper
122	100		
105	105.4	106.7	146.7#
77	65.0	72.2	112.2#

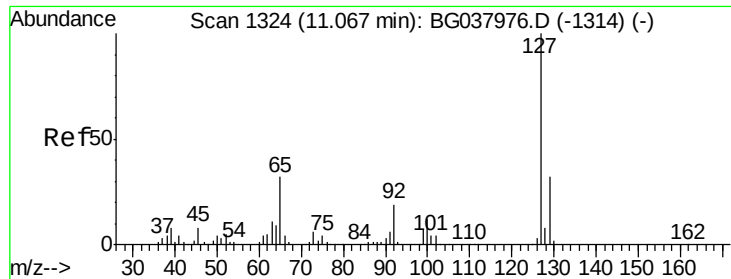
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





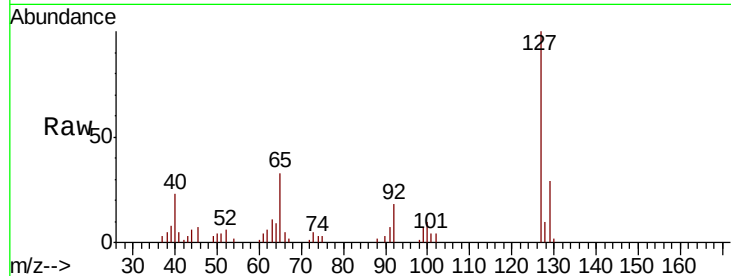
#33
4-Chloroaniline
Concen: 8.403 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

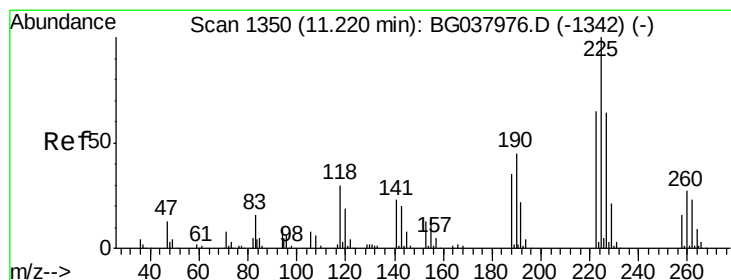
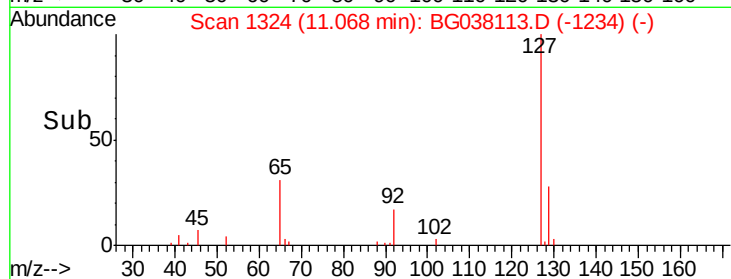
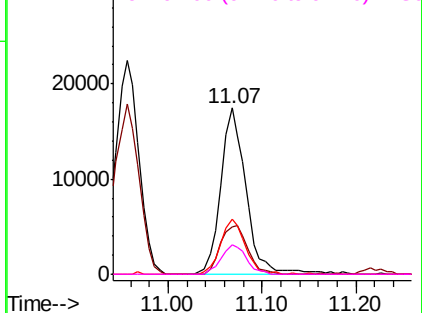
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.7		27.1	40.7	
65	32.9		26.6	39.8	
92	17.7		16.4	24.6	

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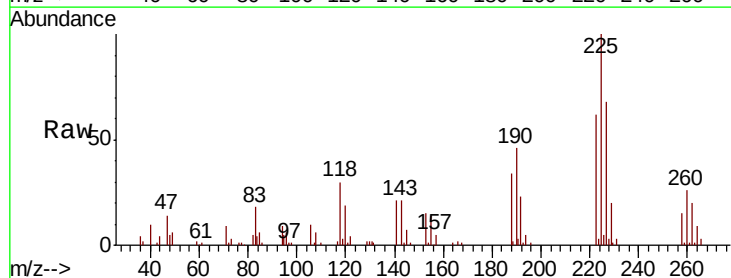


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

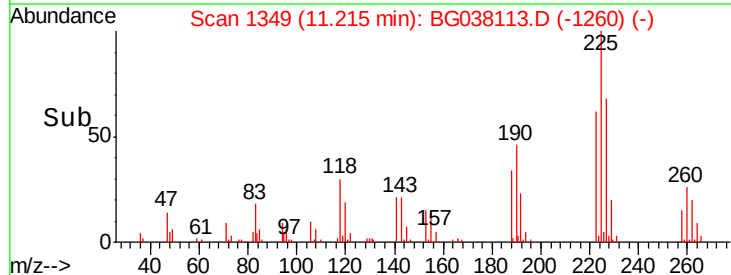
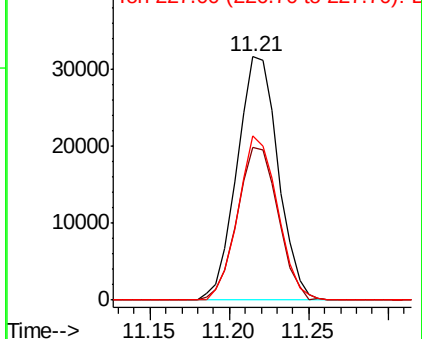


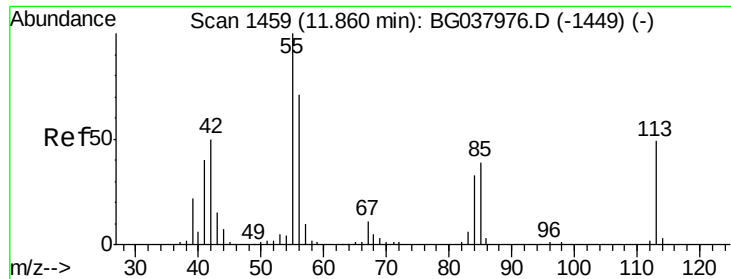
#34
Hexachlorobutadiene
Concen: 29.971 ng
RT: 11.21 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.5		48.2	72.4	
227	67.4		51.6	77.4	



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





#35

Caprolactam

Concen: 30.423 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

ClientSampleId :

PB114976BS

Tot Ion:113 Resp: 33645

Ion Ratio Lower Upper

113 100

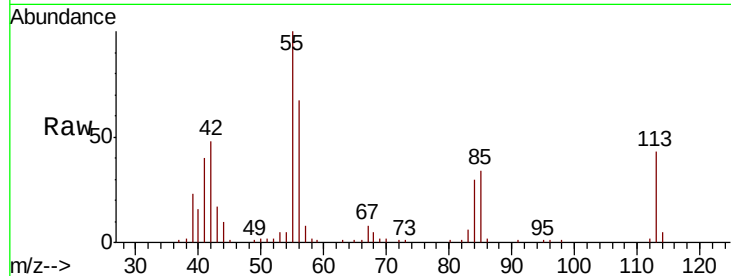
55 233.2 176.6 216.6#

56 155.8 128.3 168.3

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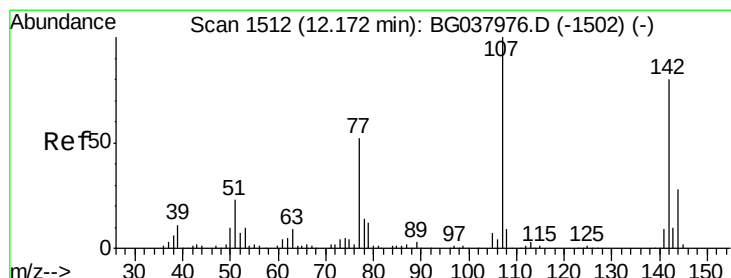
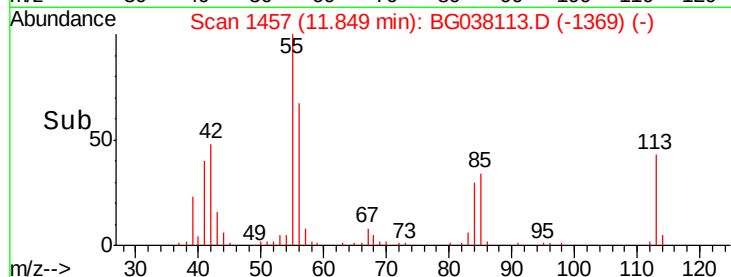
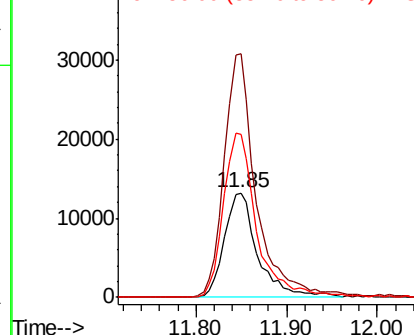


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 34.678 ng

RT: 12.17 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

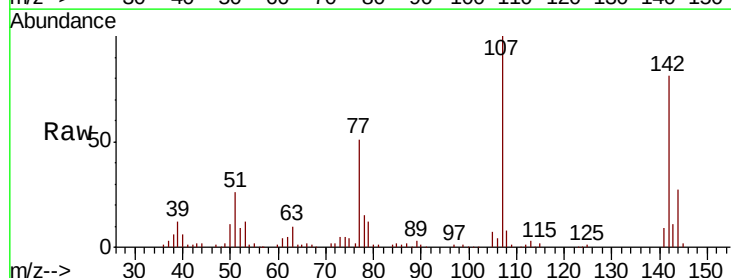
Tgt Ion:107 Resp: 104675

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

142 80.7 64.4 96.6

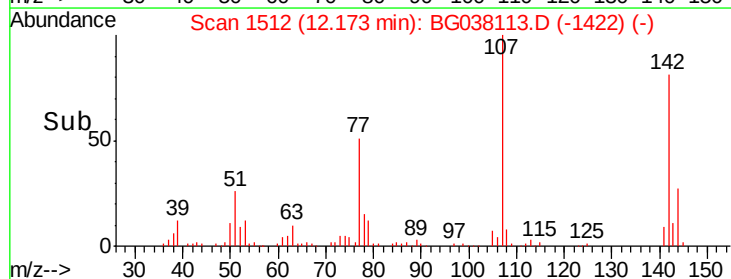
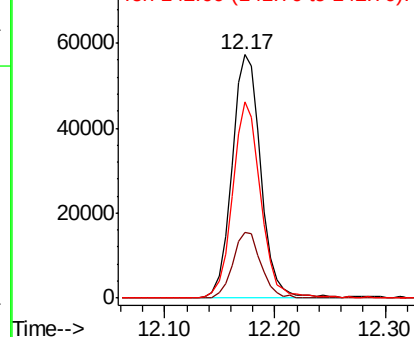


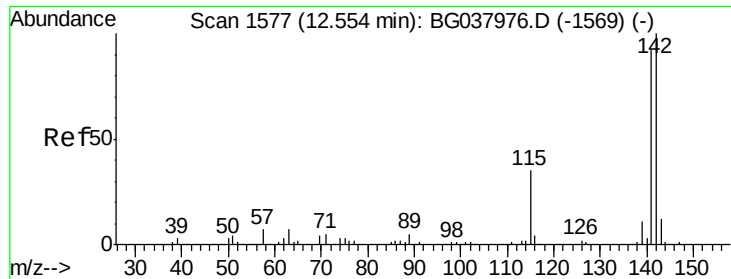
Abundance

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





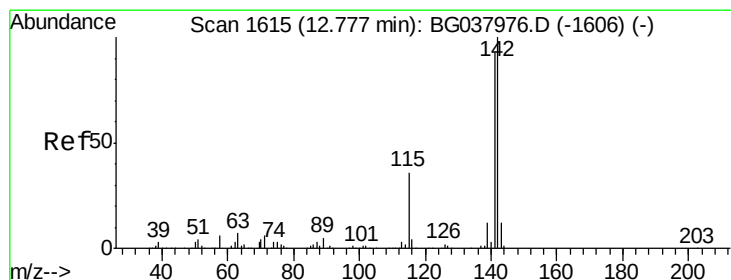
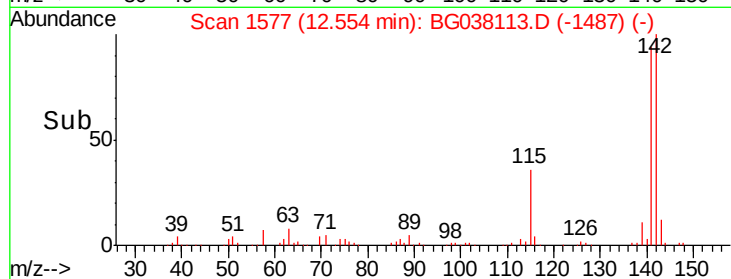
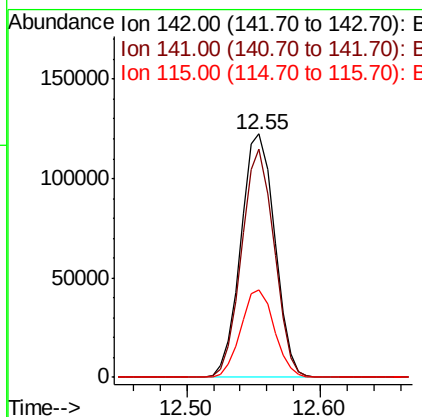
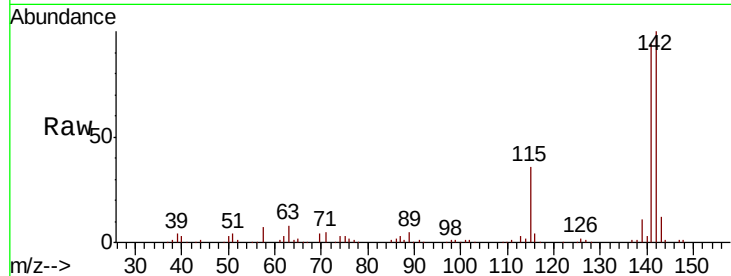
#37
2-Methylnaphthalene
Concen: 35.735 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	71.9	107.9
115	35.9	27.8	41.8

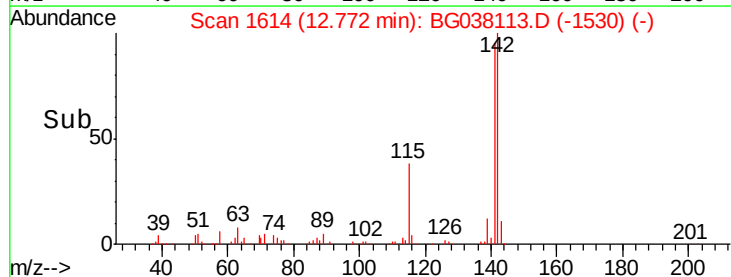
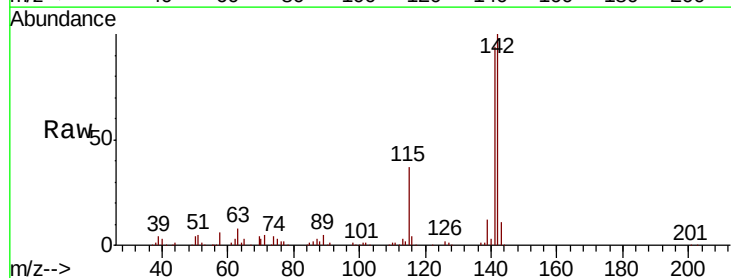
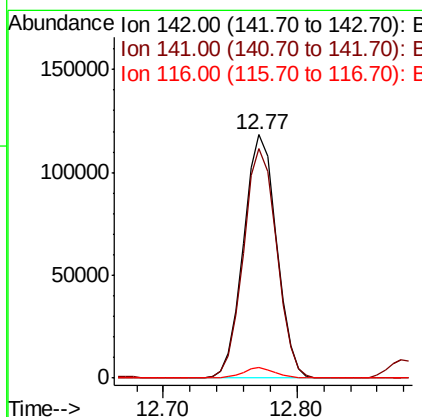
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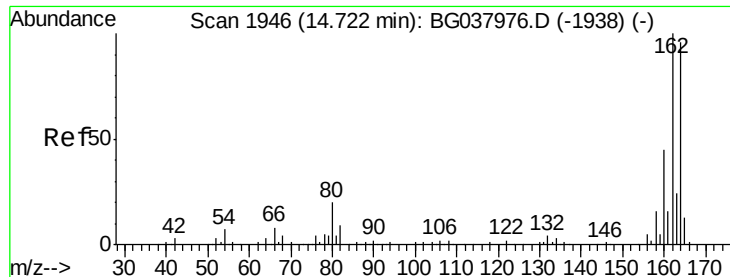
Sohil
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#38
1-Methylnaphthalene
Concen: 34.772 ng
RT: 12.77 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.2	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

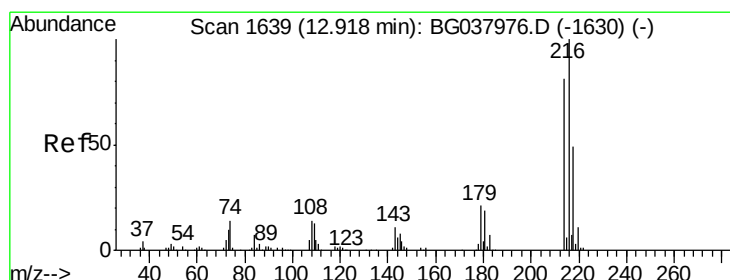
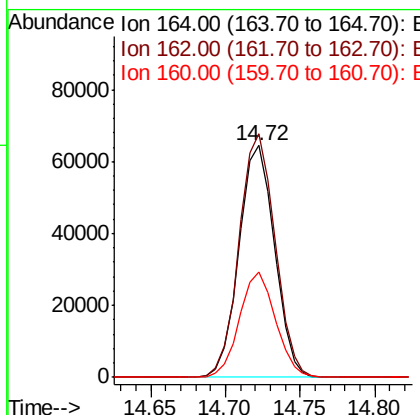
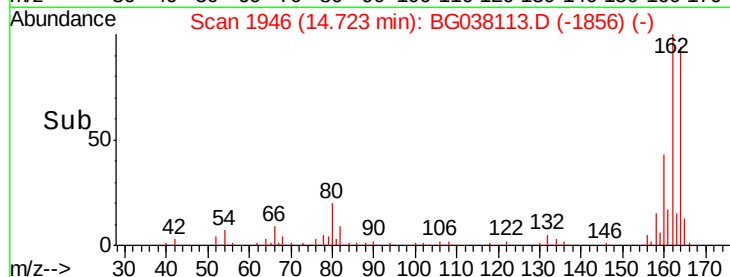
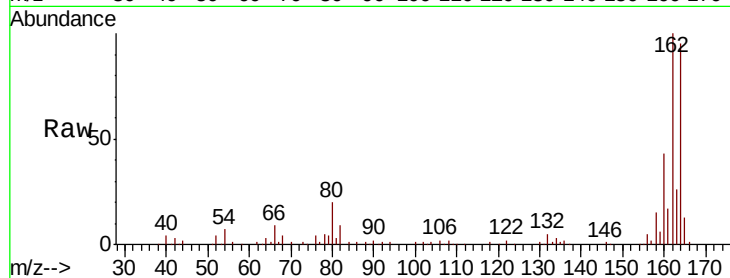
ClientSampleId :

PB114976BS

Tot Ion:	164	Resp:	106351
Ion Ratio	Lower	Upper	
164	100		
162	105.0	81.3	121.9
160	45.4	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.544 ng

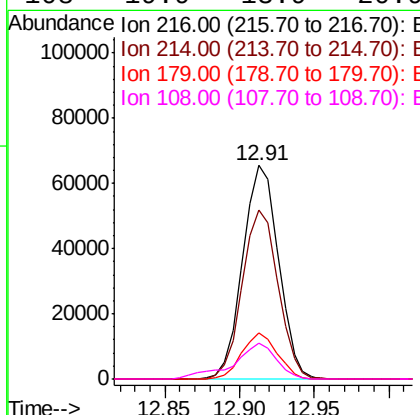
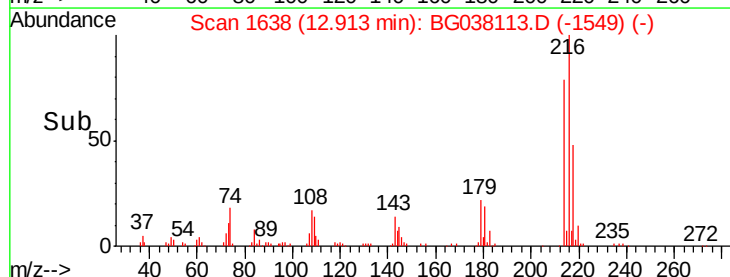
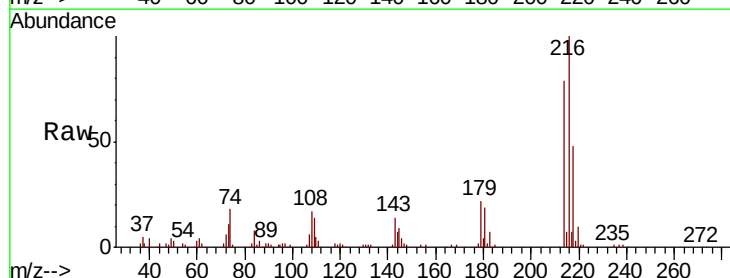
RT: 12.91 min Scan# 1638

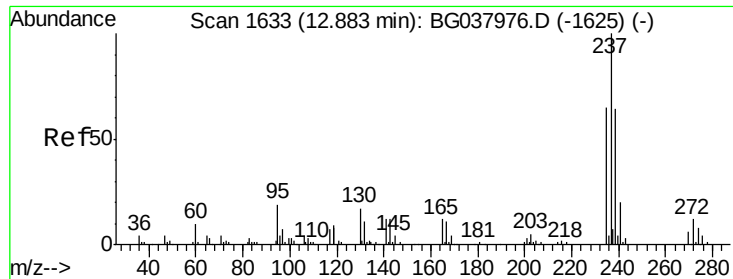
Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion:	216	Resp:	108545
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.8	95.6
179	21.3	17.4	26.0
108	19.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 65.498 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

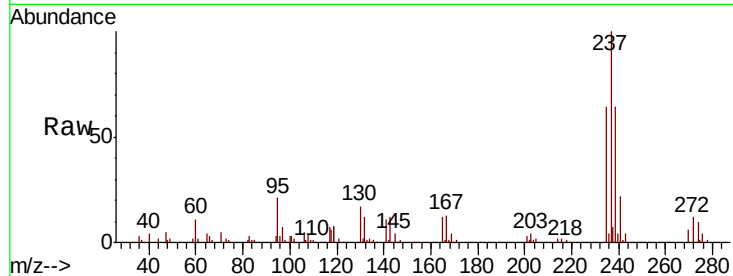
ClientSampleId :

PB114976BS

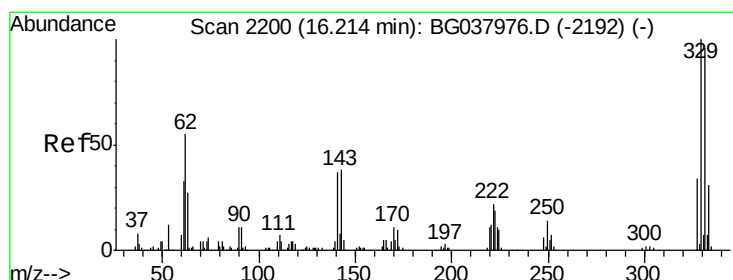
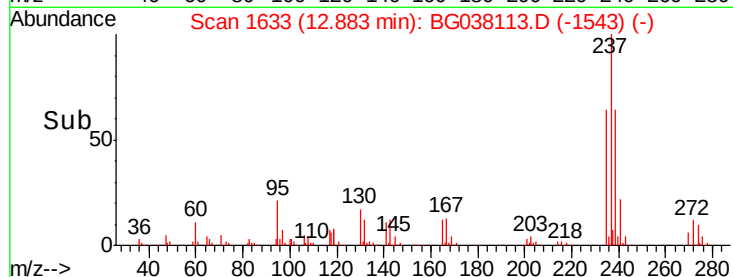
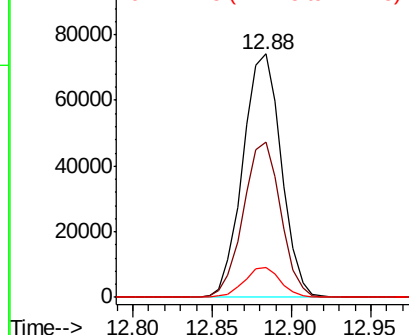
Tot Ion:	237	Resp:	124640
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.5	82.5
272	12.3	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 85.277 ng

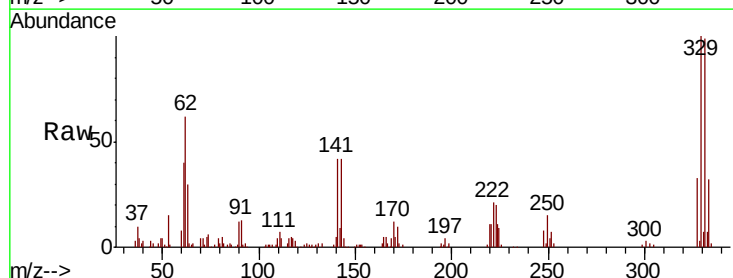
RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

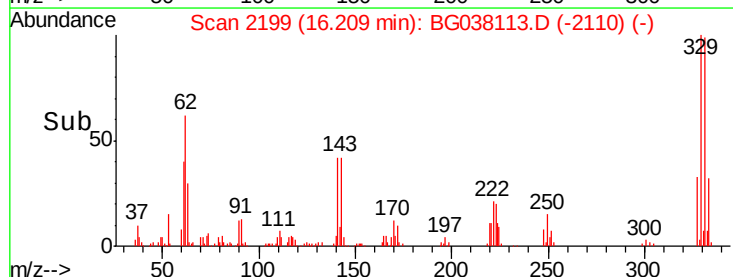
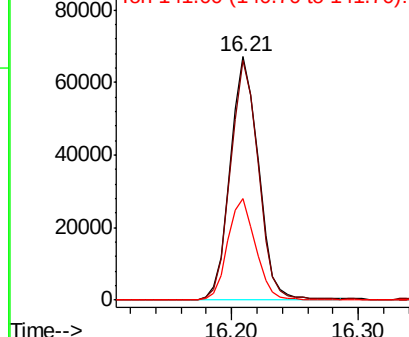
Lab File: BG038113.D

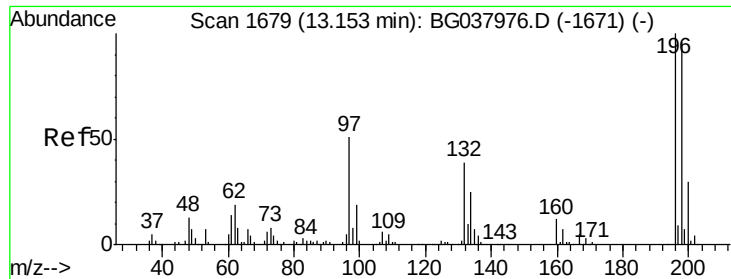
Acq: 21 Nov 2018 11:09

Tgt Ion:	330	Resp:	103433
Ion Ratio	Lower	Upper	
330	100		
332	97.0	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





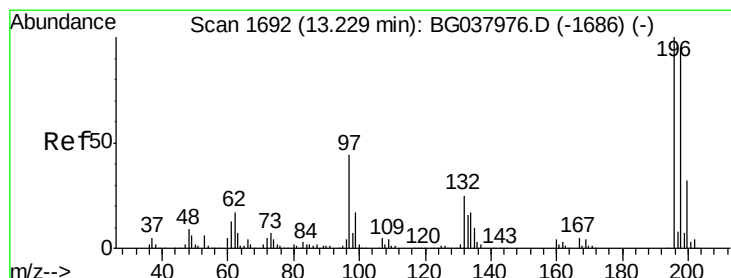
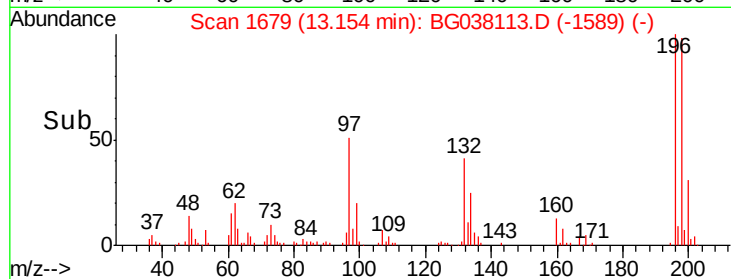
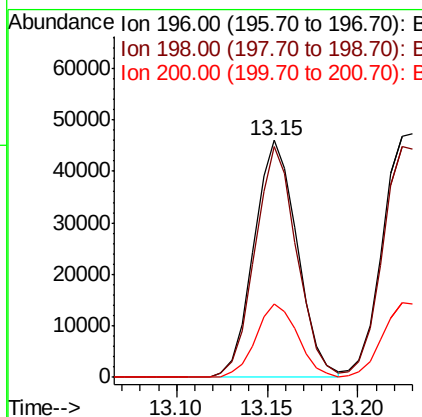
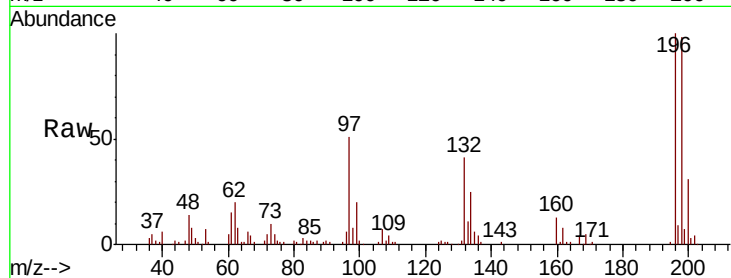
#43
 2,4,6-Trichlorophenol
 Concen: 31.746 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.4	114.6
200	30.9	24.9	37.3

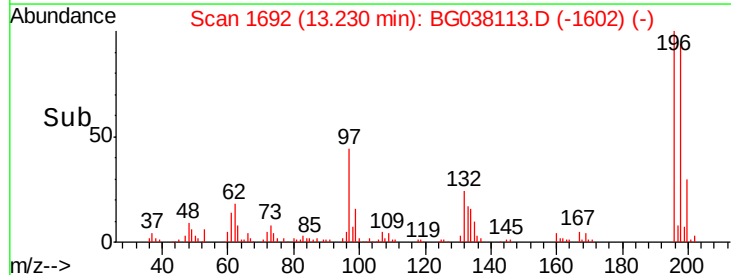
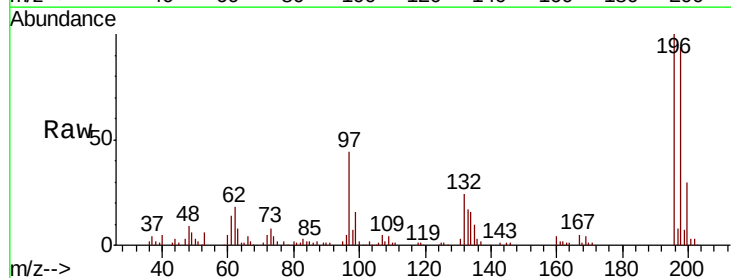
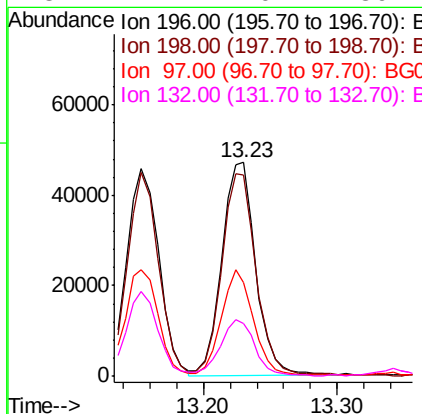
Manual Integrations
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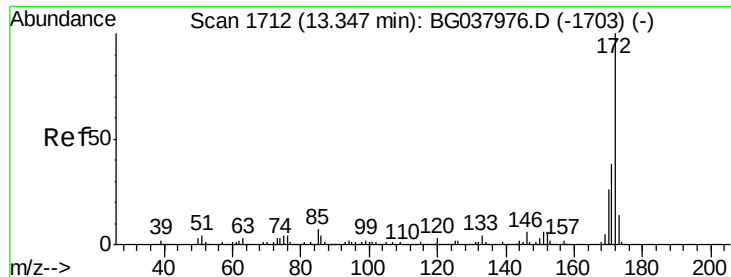
Sohil
 11/21/2018 3:23:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 32.689 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.2
97	44.0	34.1	51.1
132	24.4	20.2	30.4





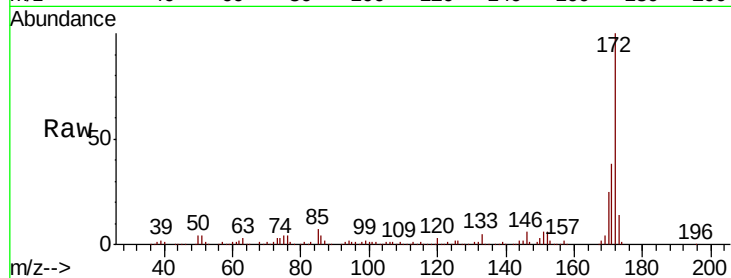
#45
2-Fluorobiphenyl
Concen: 60.608 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.8	20.2	30.2

Manual Integrations
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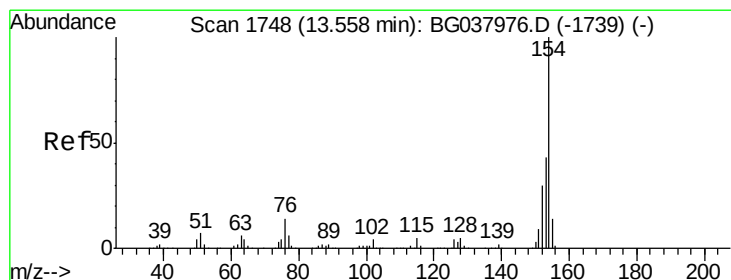
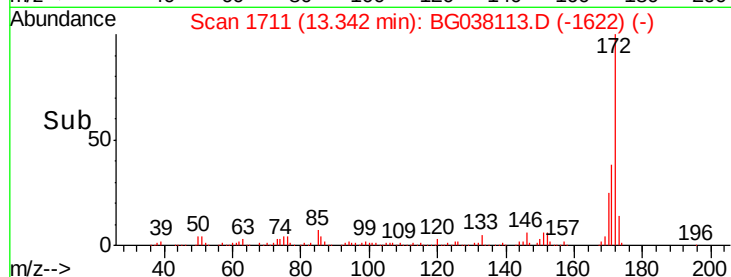
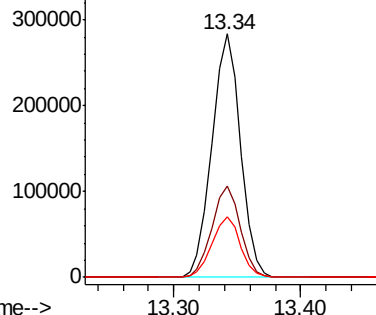


Abundance

Ion 172.00 (171.70 to 172.70): E

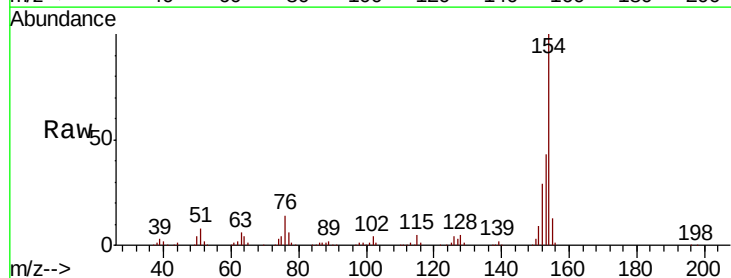
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 30.637 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	13.6	0.0	33.2

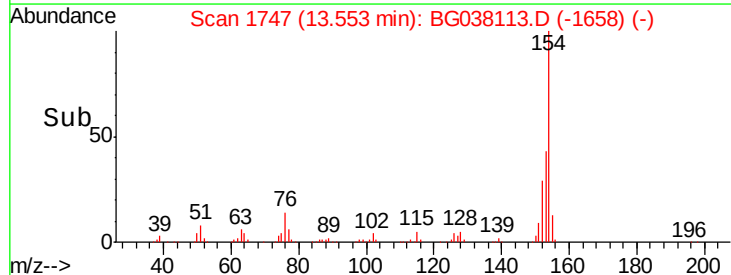
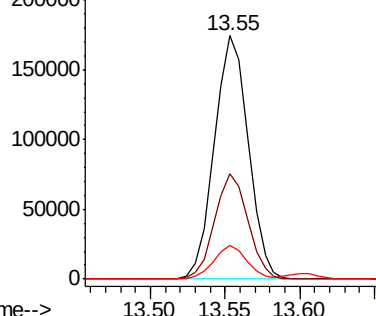


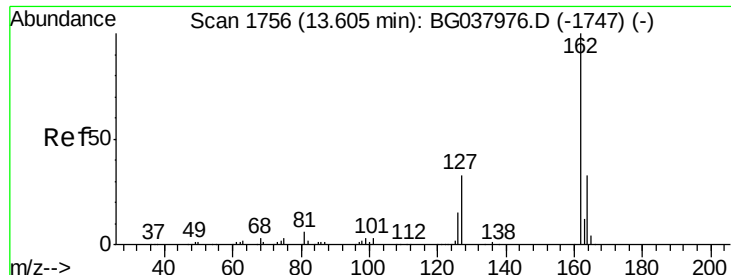
Abundance

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





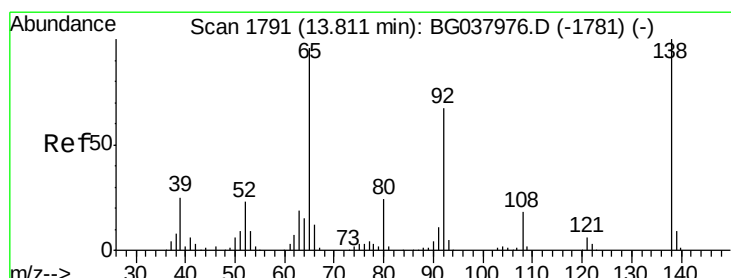
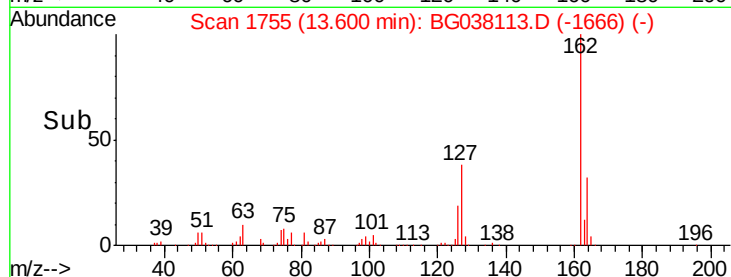
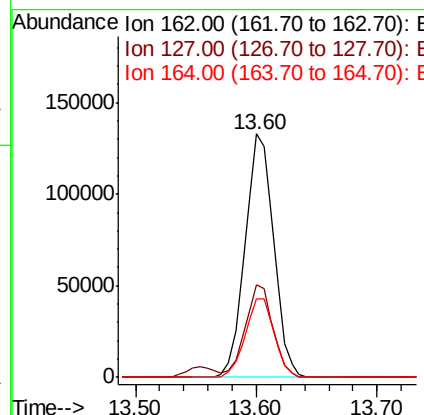
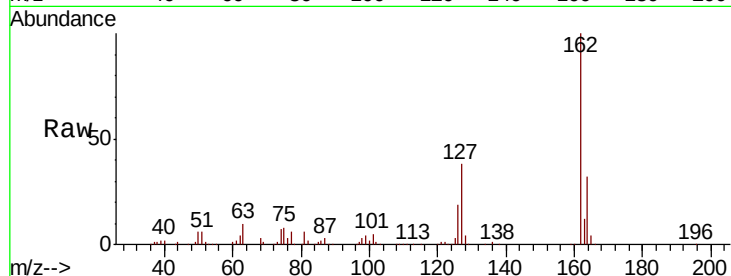
#47
2-Chloronaphthalene
Concen: 32.294 ng
RT: 13.60 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	220178		
127	37.8	30.5	45.7	
164	32.2	26.4	39.6	

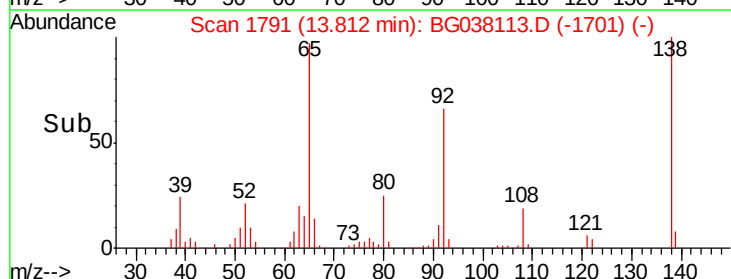
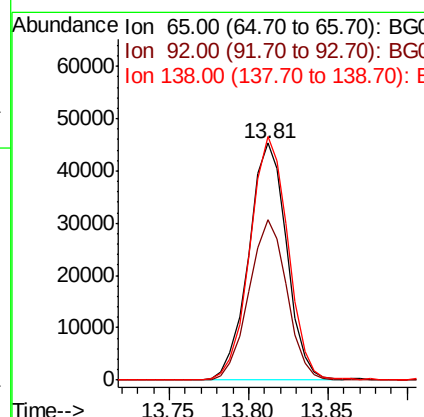
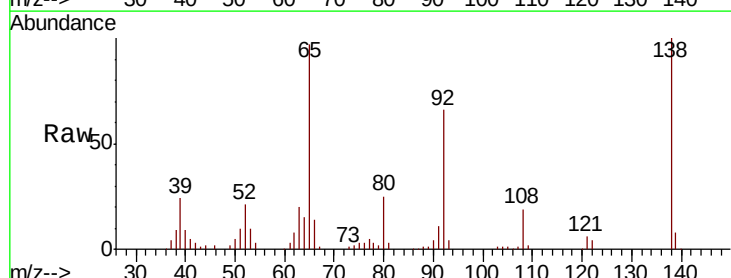
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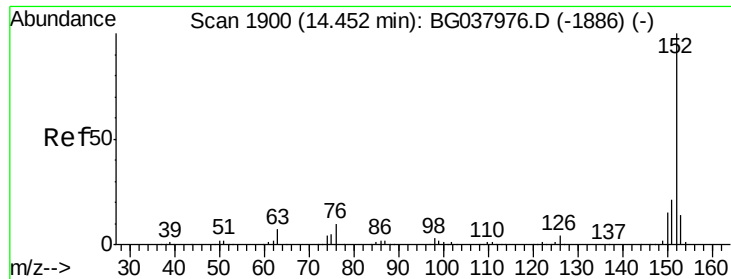
Sohil
11/21/2018 3:23:24 PM



#48
2-Nitroaniline
Concen: 35.237 ng
RT: 13.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	75611		
92	67.8	53.2	79.8	
138	102.8	79.3	118.9	





#49

Acenaphthylene

Concen: 35.540 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

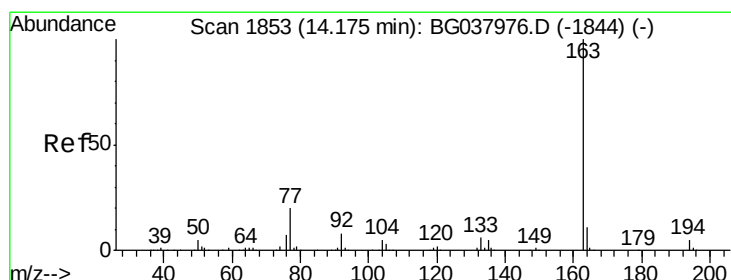
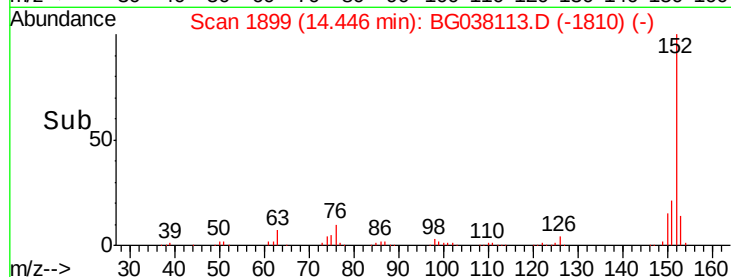
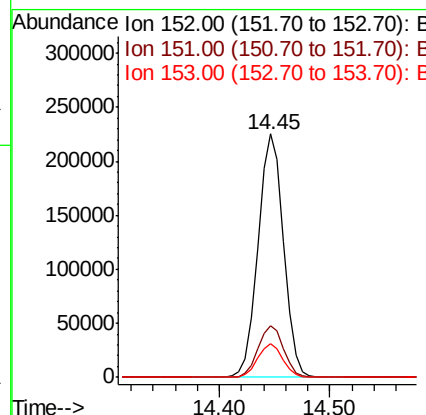
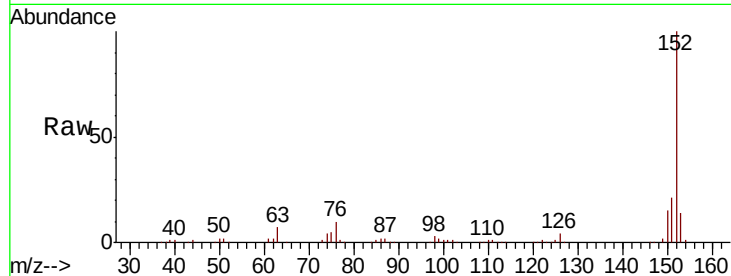
ClientSampleId :

PB114976BS

Tot Ion:	152	Resp:	364384
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	14.1	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 33.597 ng

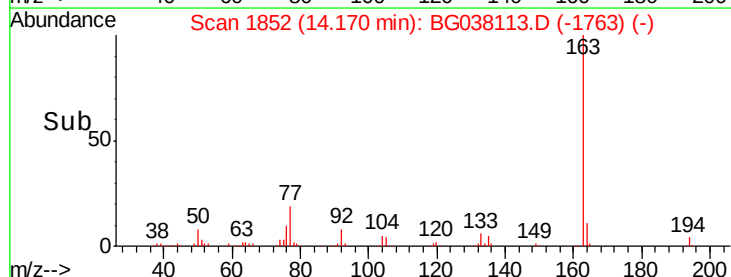
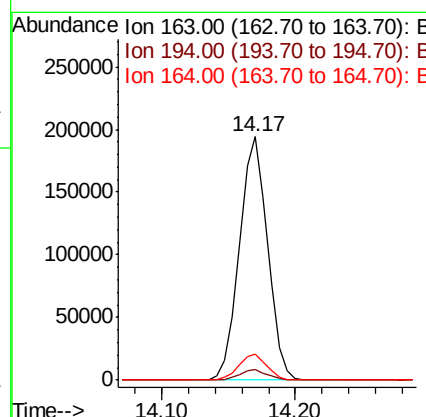
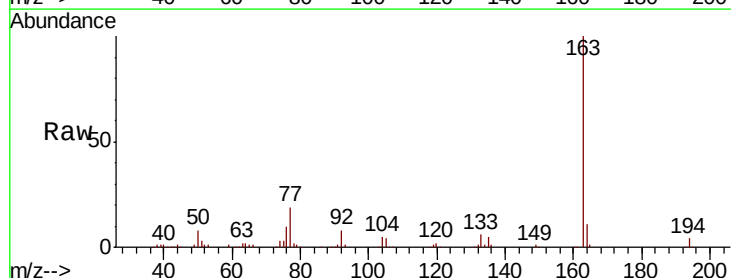
RT: 14.17 min Scan# 1852

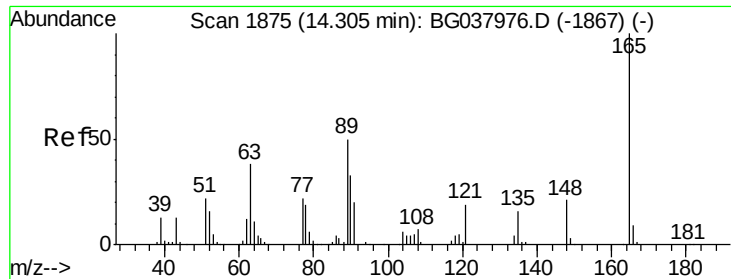
Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion:	163	Resp:	283265
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.5	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 34.372 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

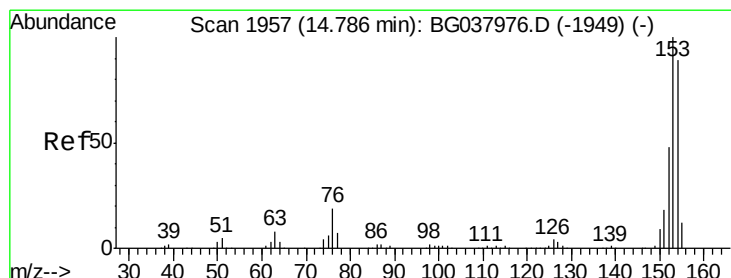
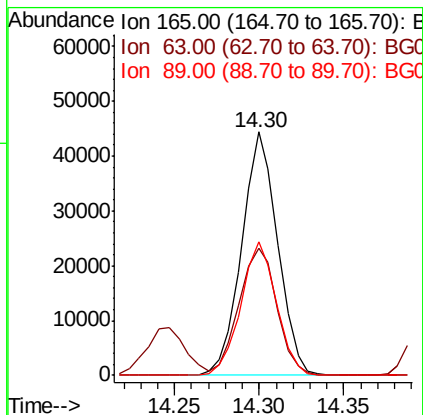
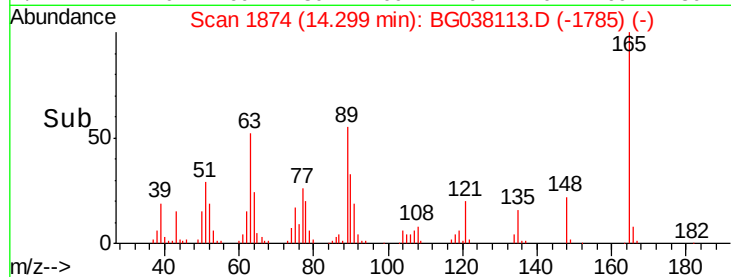
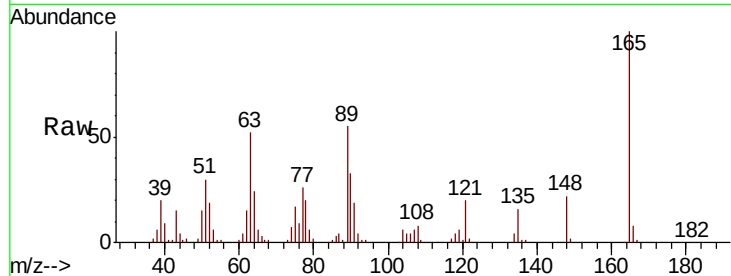
ClientSampleId :

PB114976BS

Tot Ion:	165	Resp:	65590
Ion Ratio	Lower	Upper	
165	100		
63	52.0	43.4	65.2
89	54.8	45.8	68.6

Manual Integrations
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#52

Acenaphthene

Concen: 33.831 ng

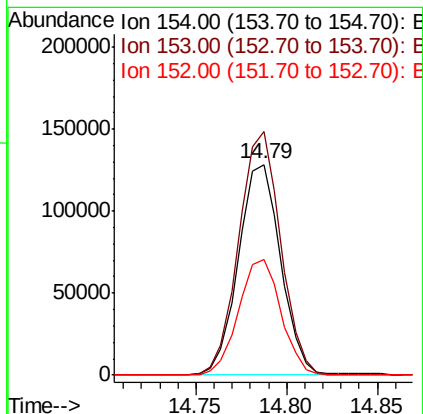
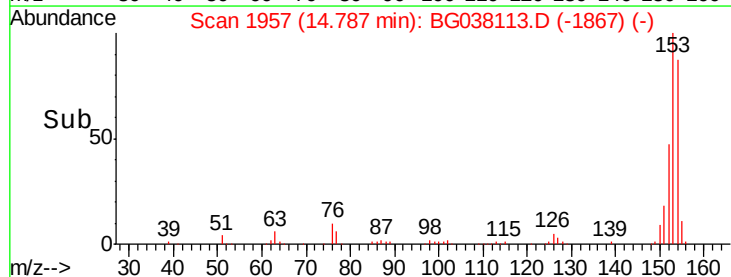
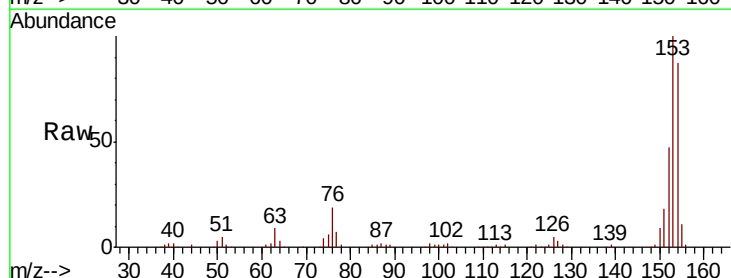
RT: 14.79 min Scan# 1957

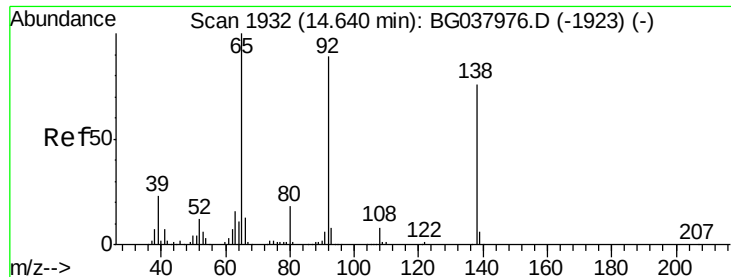
Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion:	154	Resp:	208817
Ion Ratio	Lower	Upper	
154	100		
153	115.6	93.4	140.0
152	54.8	44.7	67.1





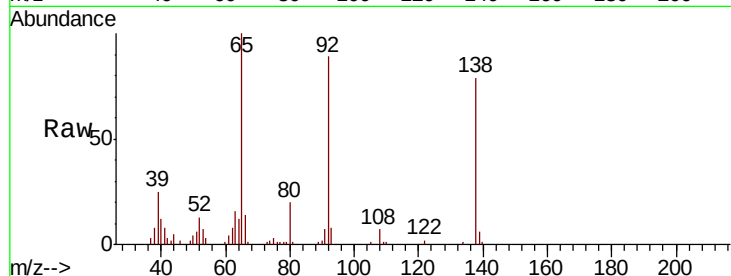
#53
3-Nitroaniline
Concen: 15.946 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	11.0	16.6#
92	112.7	95.2	142.8

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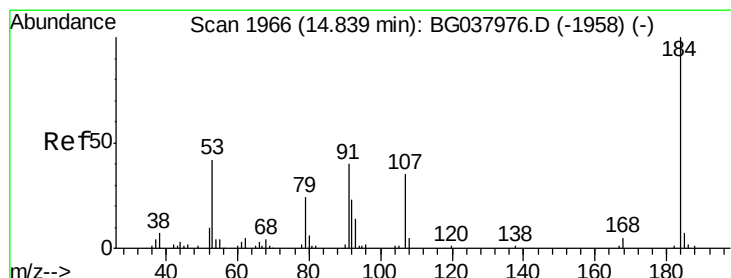
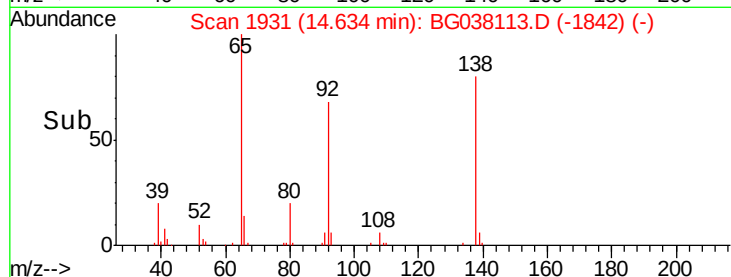
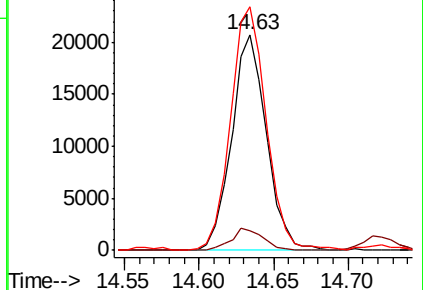


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54
2,4-Dinitrophenol
Concen: 12.456 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

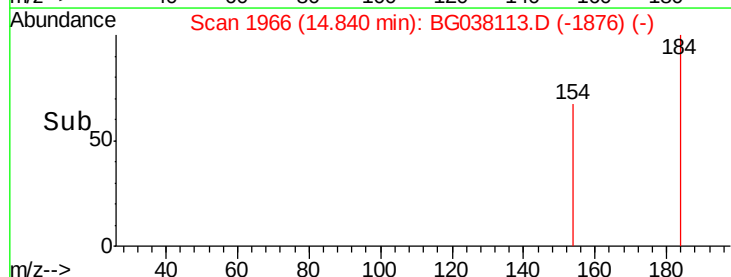
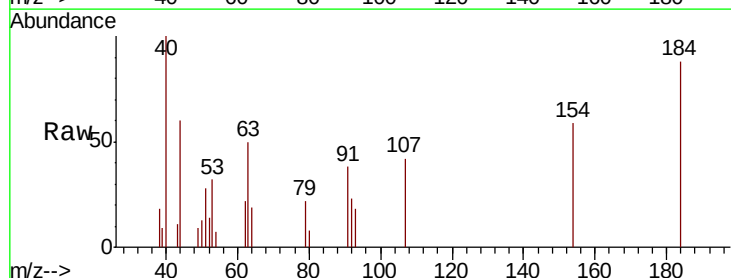
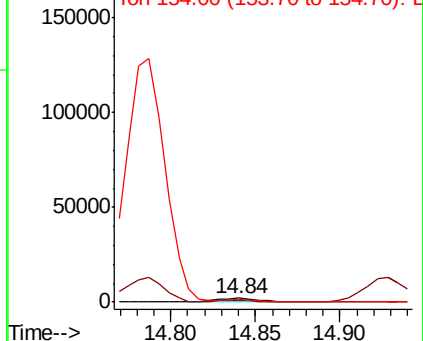
Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	42.6	63.8
154	66.8	41.8	62.6#

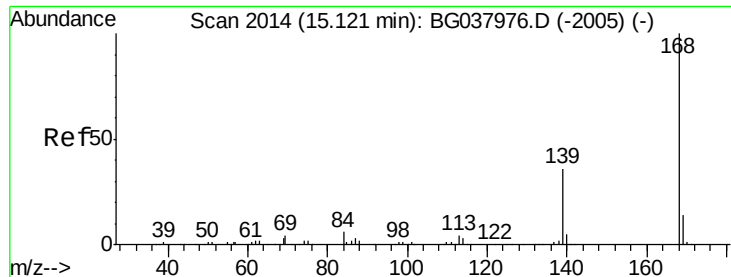
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E





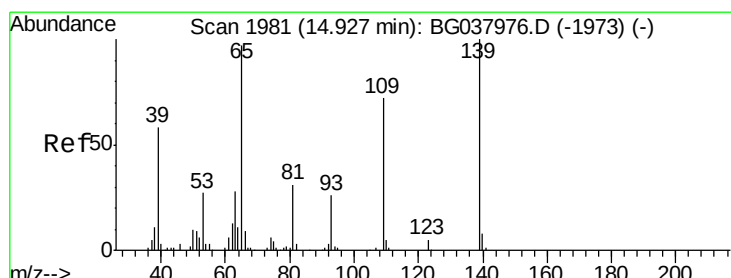
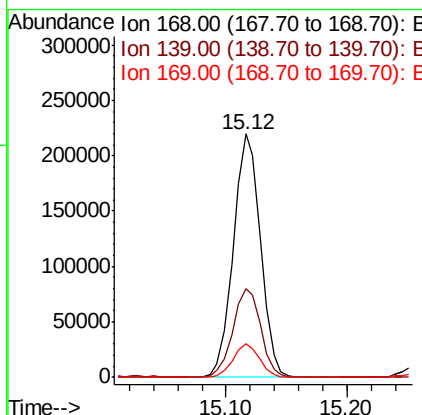
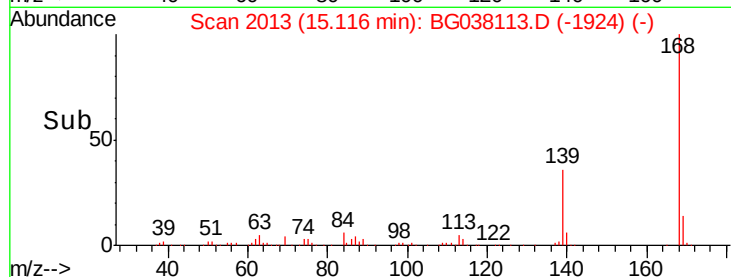
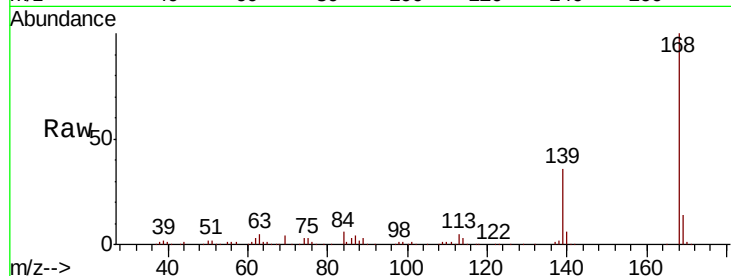
#55
Dibenzo(f,h)quinoxaline
Concen: 33.578 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.4	44.0
169	13.8	11.0	16.6

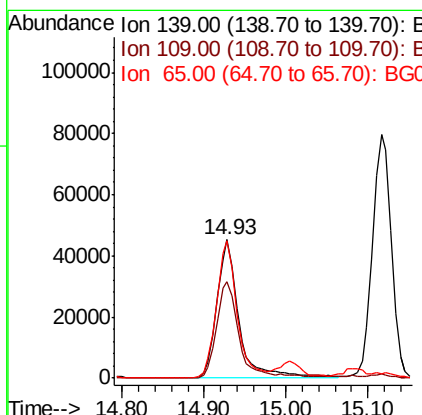
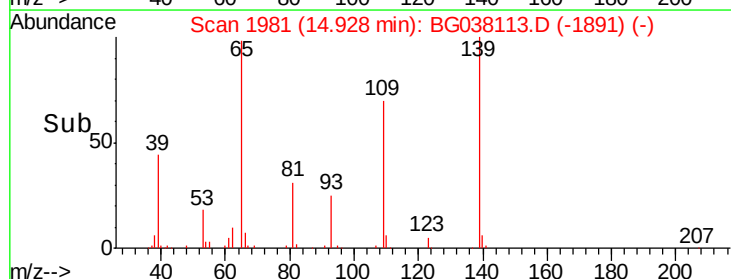
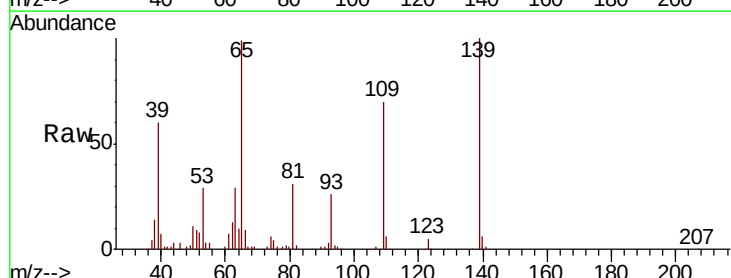
Manual Integrations
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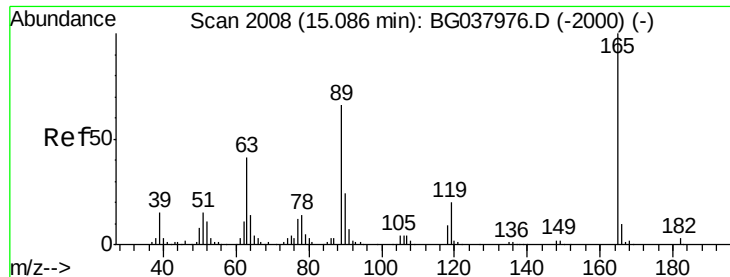
Sohil
11/21/2018 3:23:24 PM



#56
4-Nitrophenol
Concen: 52.605 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.3	49.5	89.5
65	99.4	76.8	116.8





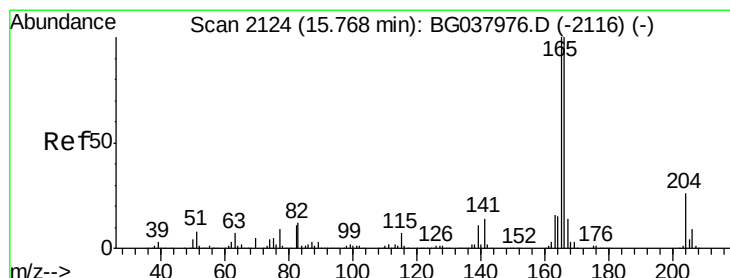
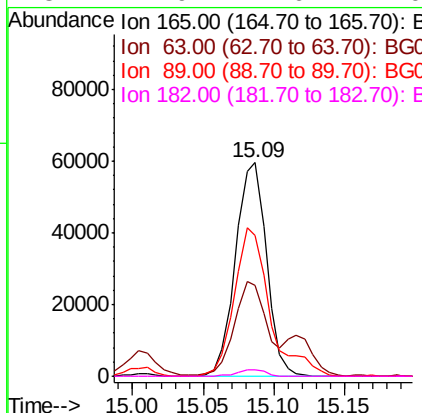
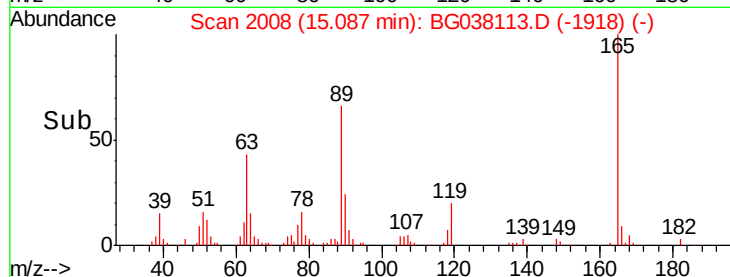
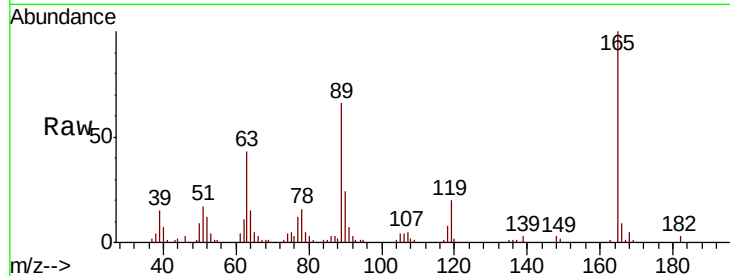
#57
2,4-Dinitrotoluene
Concen: 35.211 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		91419		
63	42.7	33.4	50.0		
89	66.1	57.2	85.8		
182	2.9	2.6	4.0		

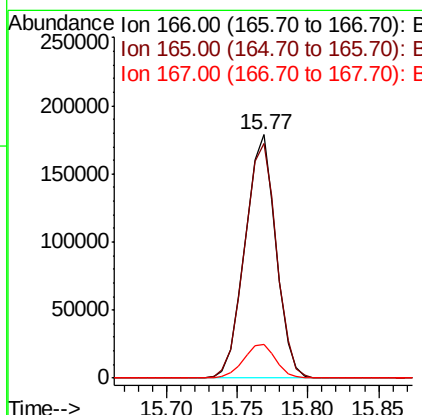
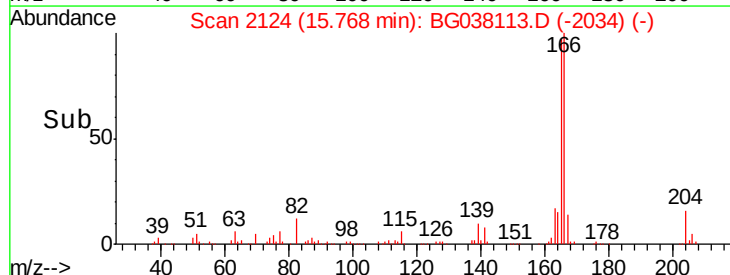
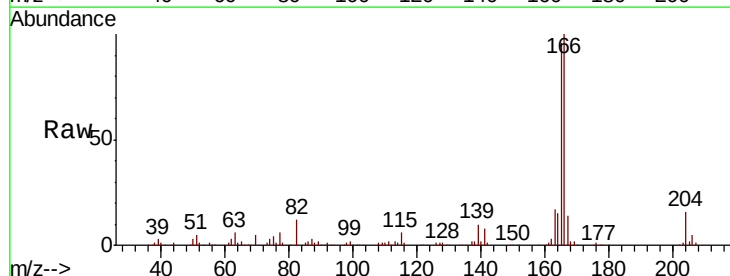
Manual Integrations
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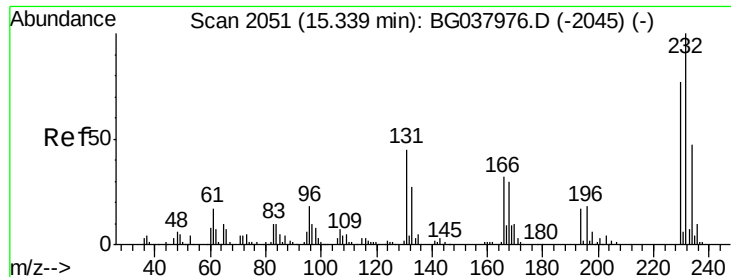
Sohil
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#58
Fluorene
Concen: 35.976 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		273956		
165	96.2	79.0	118.6		
167	14.0	11.3	16.9		





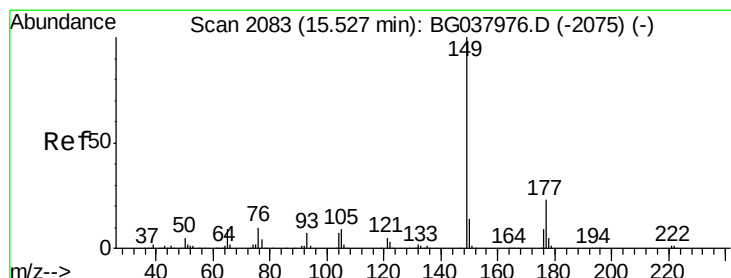
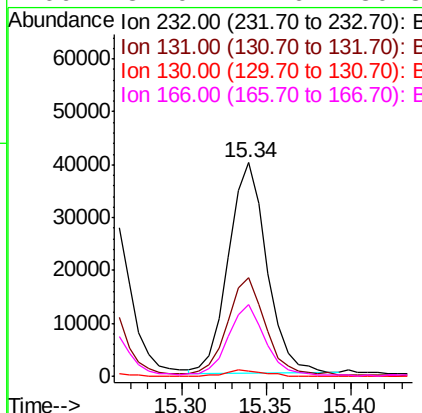
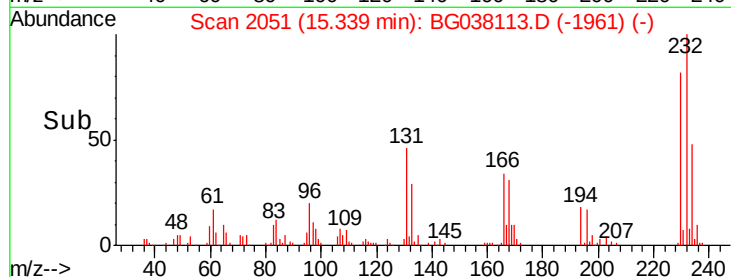
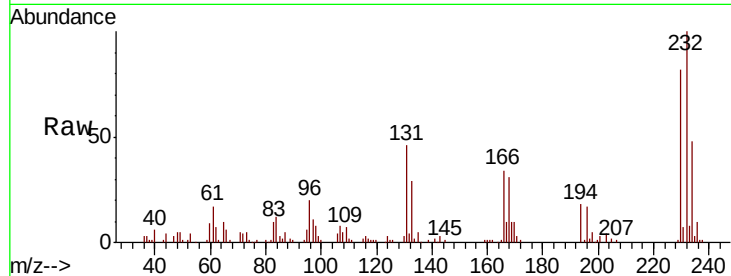
#59
2,3,4,6-Tetrachlorophenol
Concen: 29.458 ng
RT: 15.34 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.2	33.7	50.5
130	2.8	2.1	3.1
166	34.0	24.6	36.8

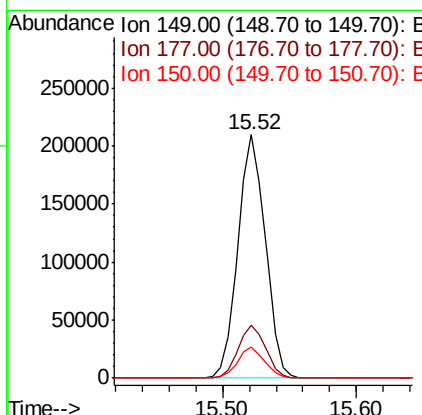
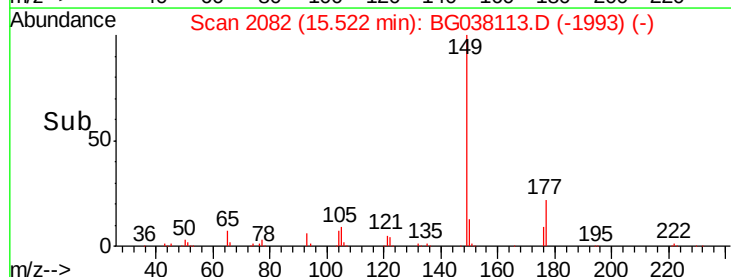
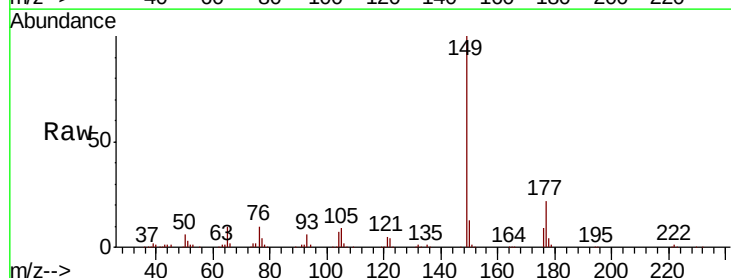
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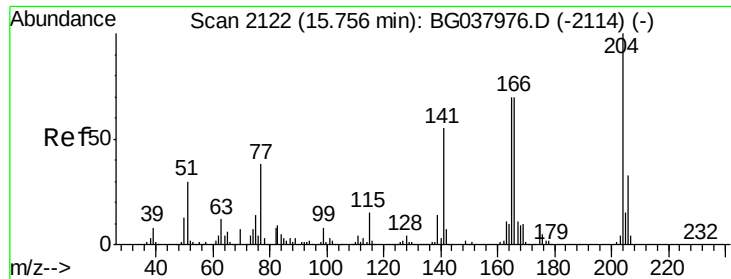
Sohil
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#60
Diethylphthalate
Concen: 33.207 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.5	10.0	15.0





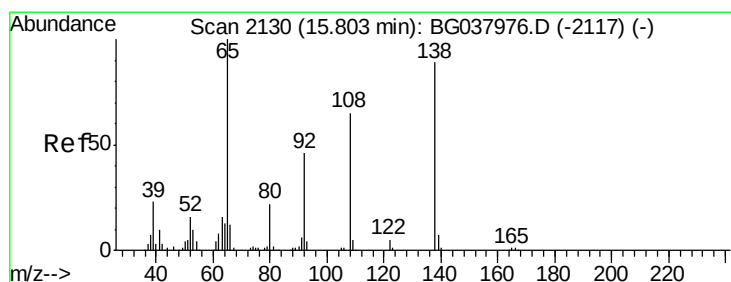
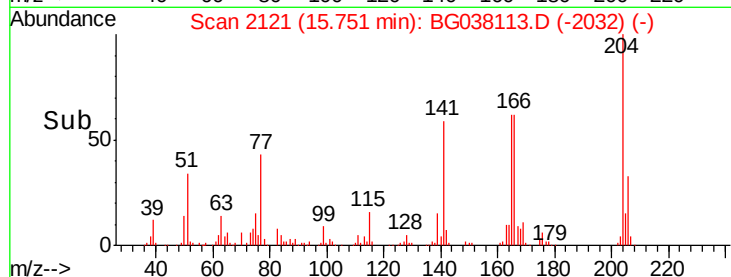
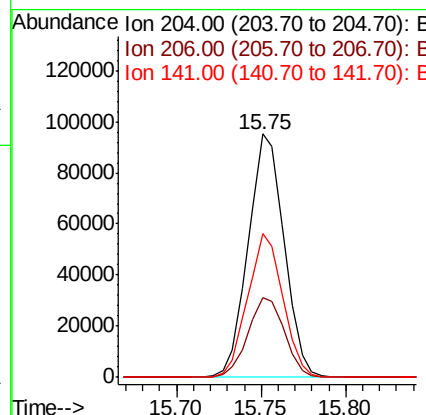
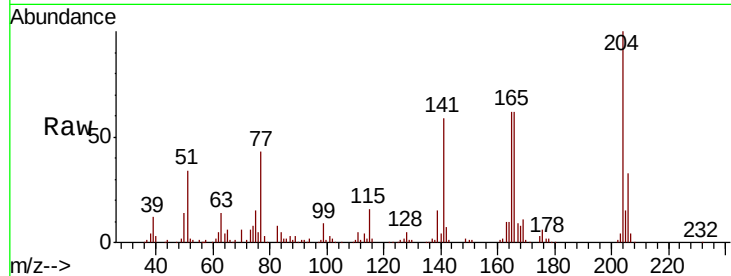
#61
4-Chlorophenyl-phenylether
Concen: 31.591 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	59.3	45.4	68.2

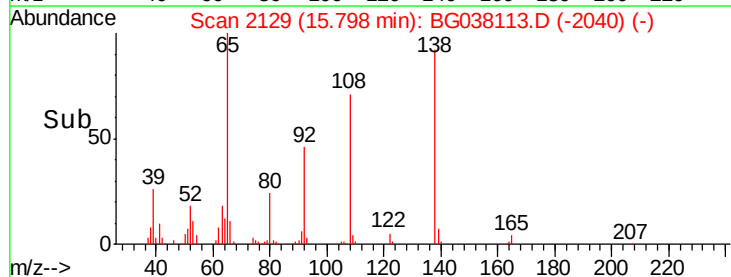
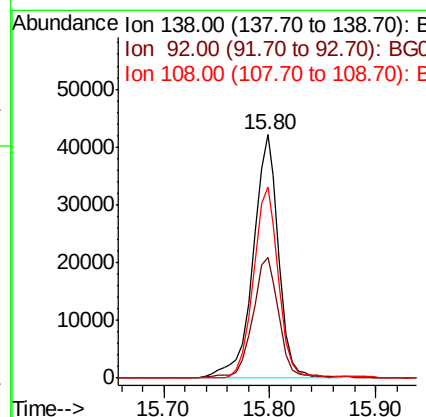
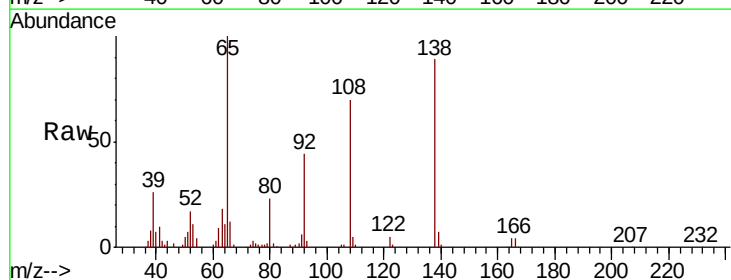
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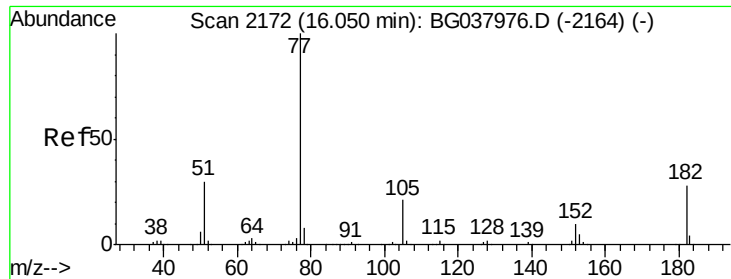
Sohil
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#62
4-Nitroaniline
Concen: 33.962 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	36.4	76.4
108	78.3	60.1	100.1





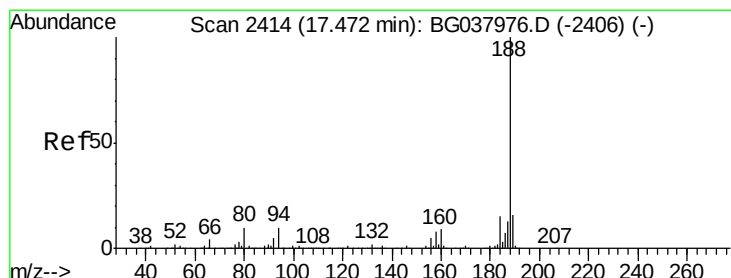
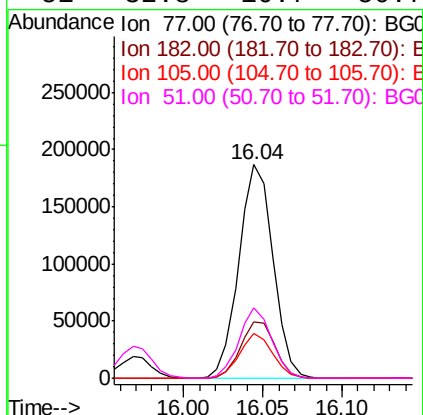
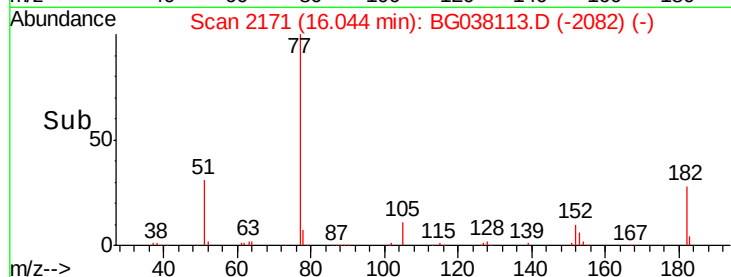
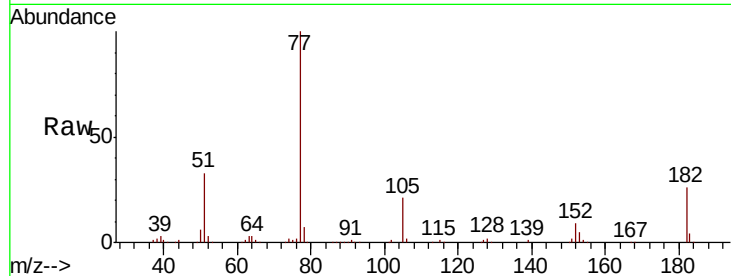
#63
Azobenzene
Concen: 34.868 ng
RT: 16.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		279189		
182	26.4	8.0	48.0		
105	20.8	1.3	41.3		
51	32.8	10.7	50.7		

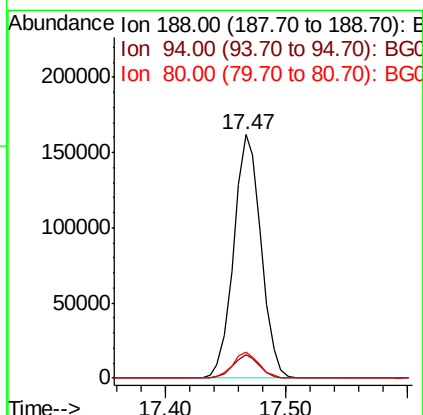
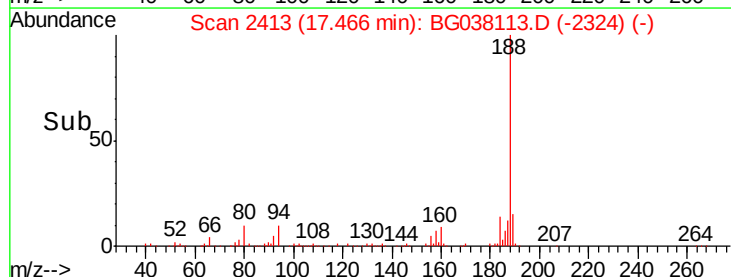
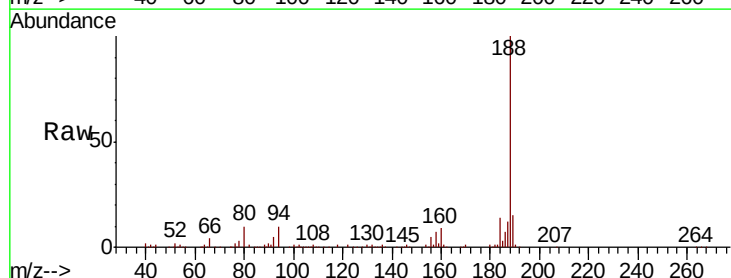
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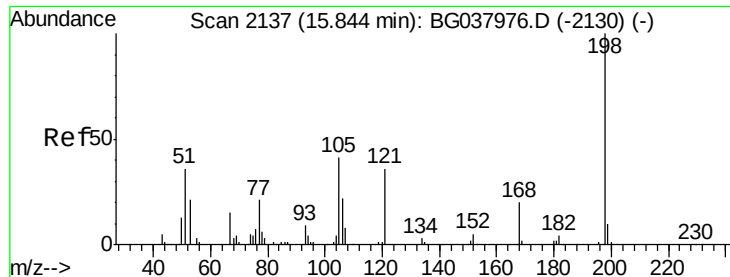
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		254587		
94	9.6	7.2	10.8		
80	10.4	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 5.690 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

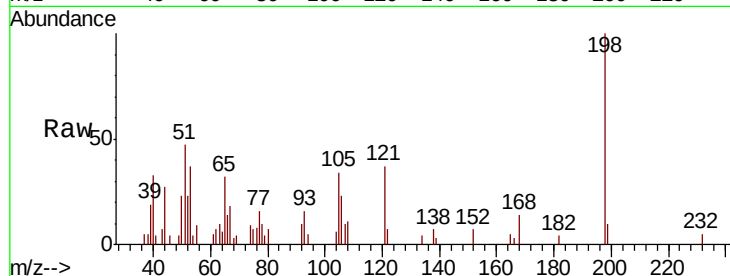
ClientSampleId :

PB114976BS

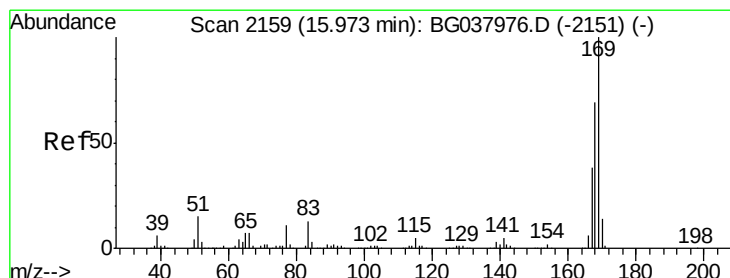
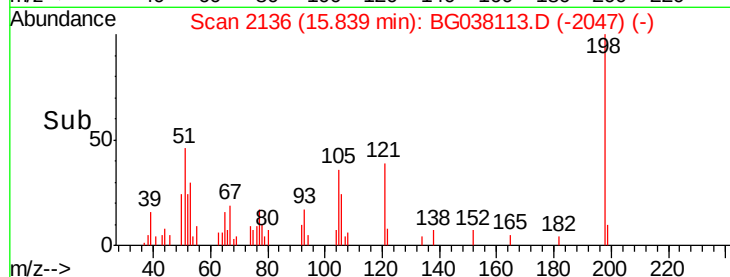
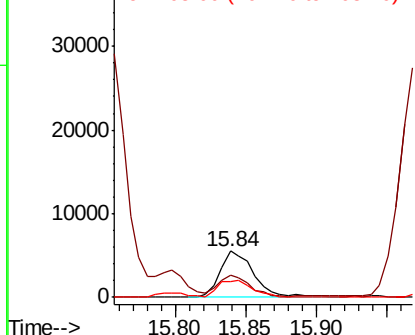
Tot Ion:	198	Resp:	9163
Ion Ratio	Lower	Upper	
198	100		
51	47.1	22.7	62.7
105	34.4	19.7	59.7

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



#66

n-Nitrosodiphenylamine

Concen: 32.698 ng

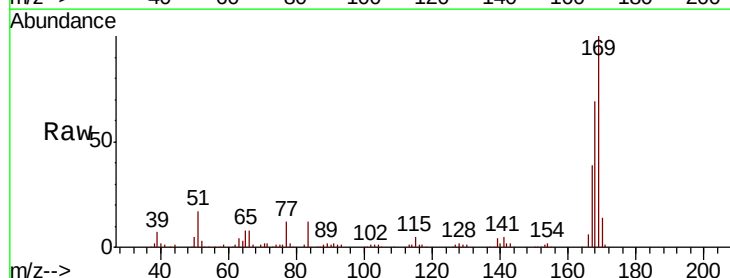
RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

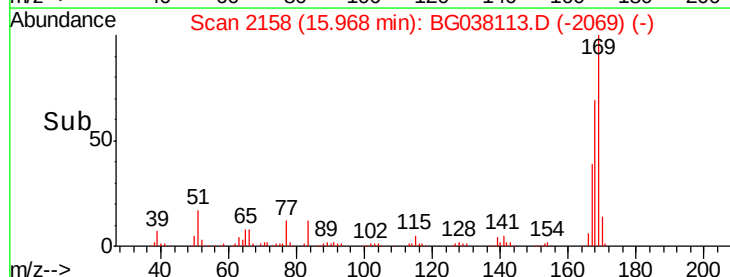
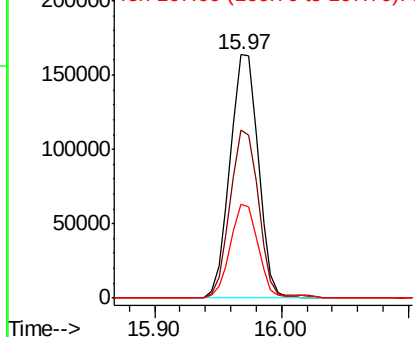
Lab File: BG038113.D

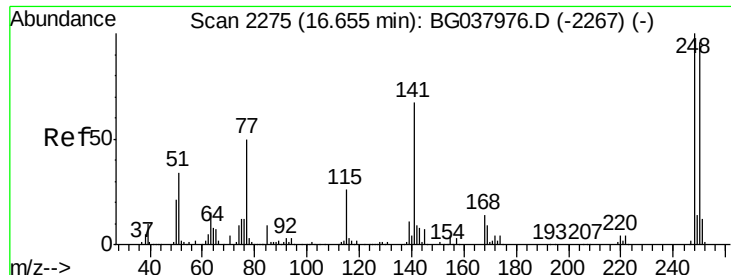
Acq: 21 Nov 2018 11:09

Tgt Ion:	169	Resp:	251837
Ion Ratio	Lower	Upper	
169	100		
168	69.0	55.7	83.5
167	38.6	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





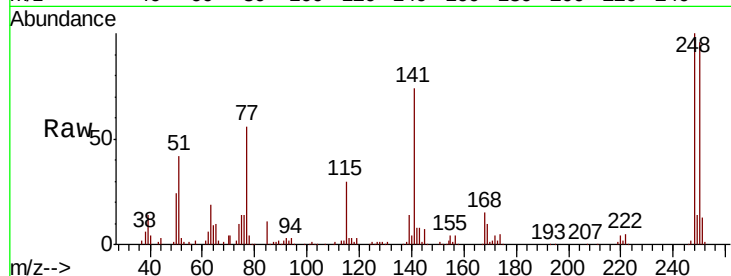
#67
4-Bromophenyl-phenylether
Concen: 31.347 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.0	115.6
141	73.7	55.5	83.3

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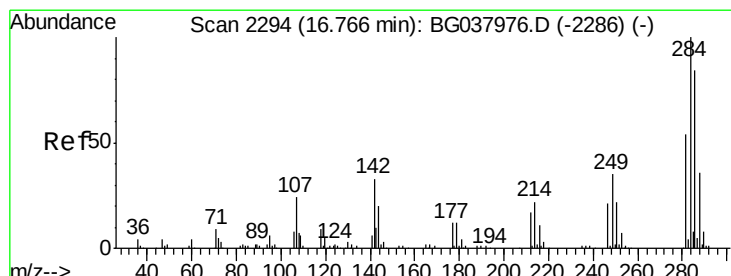
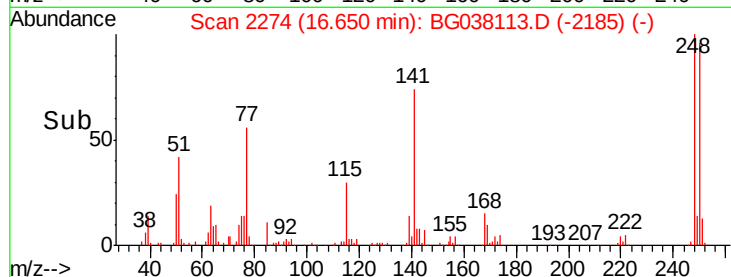
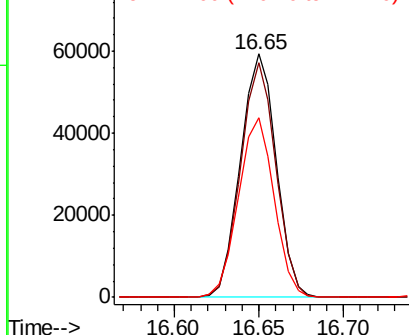


Abundance

Ion 248.00 (247.70 to 248.70): E

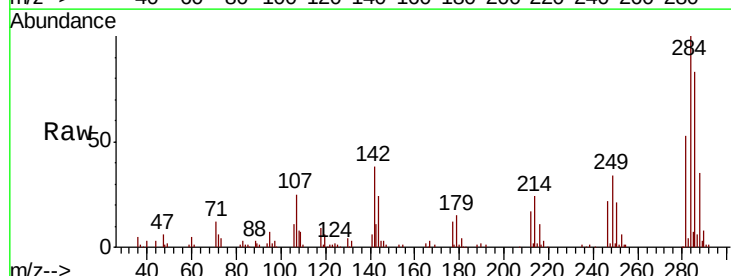
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 31.159 ng
RT: 16.76 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.3	28.1	42.1
249	36.9	29.8	44.8

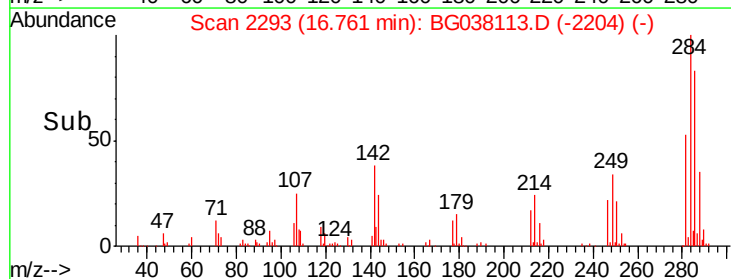
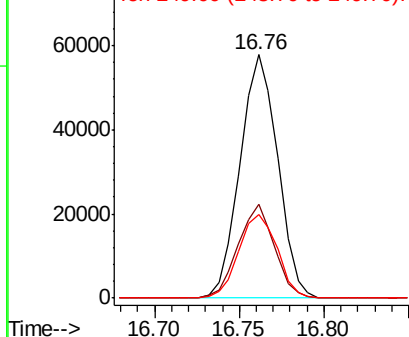


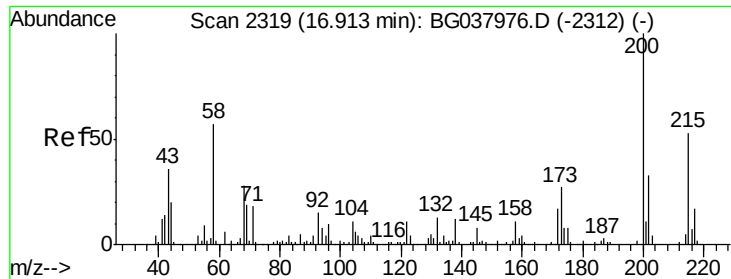
Abundance

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





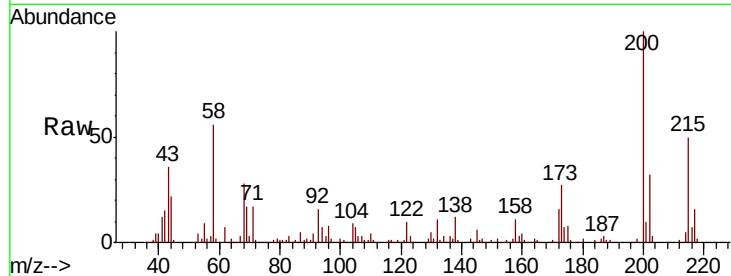
#69
Atrazine
Concen: 32.213 ng
RT: 16.91 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.1	46.1
215	50.4	30.8	70.8

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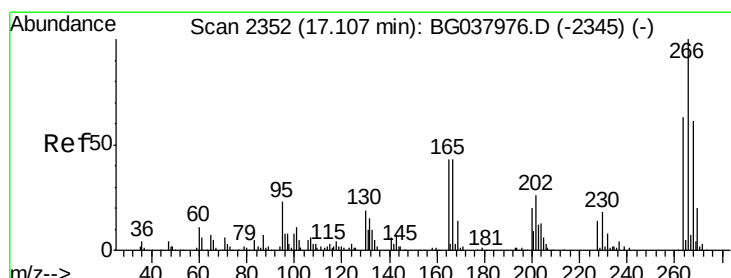
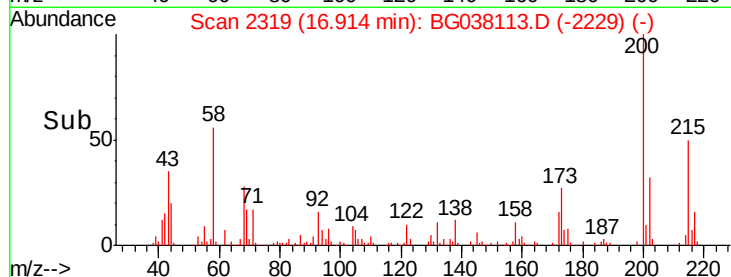
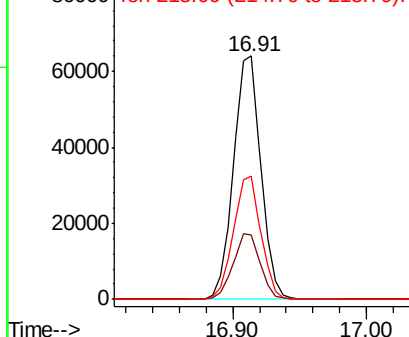


Abundance

Ion 200.00 (199.70 to 200.70): E

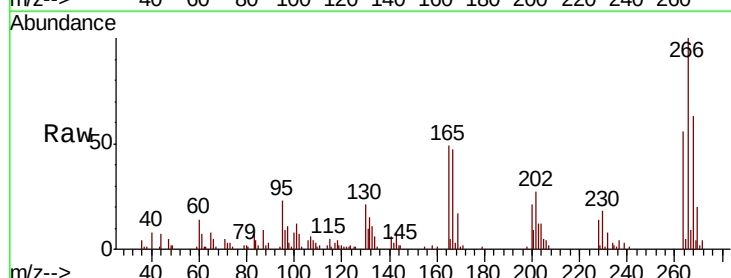
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 18.711 ng
RT: 17.11 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	55.0	82.6
264	61.3	58.9	88.3

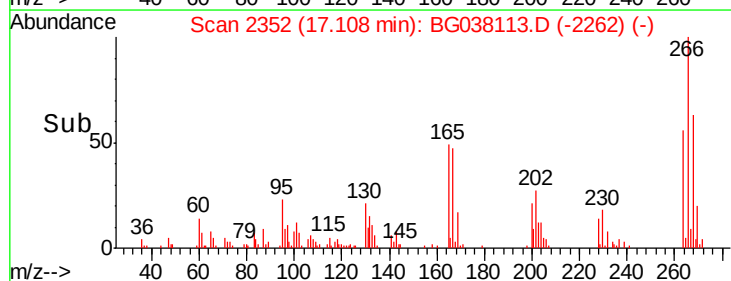
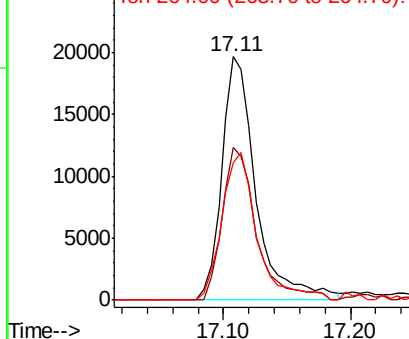


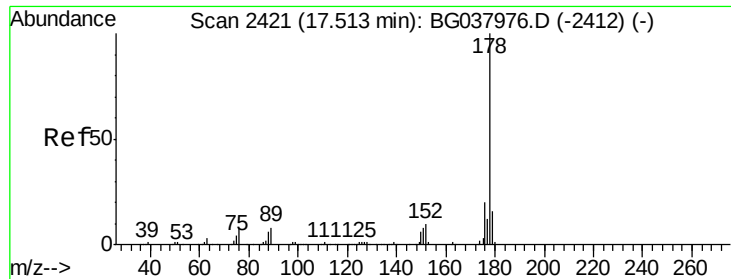
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





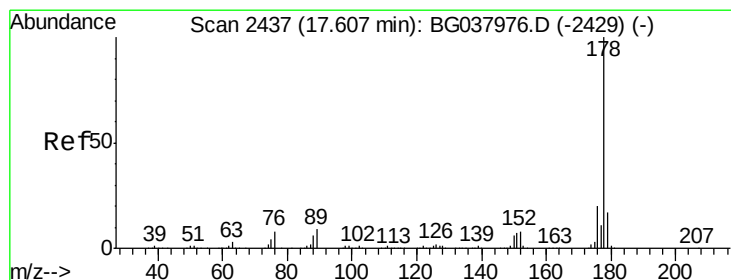
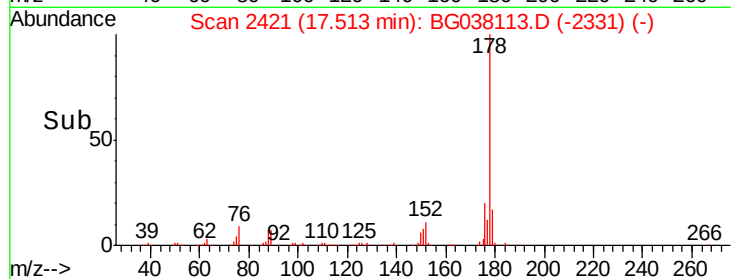
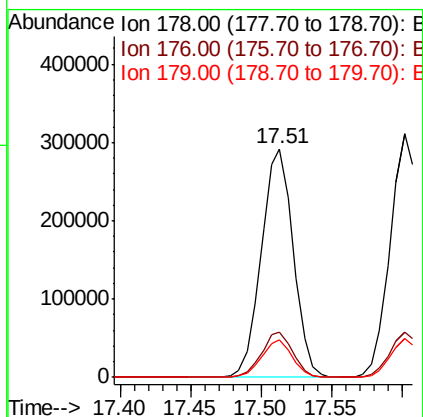
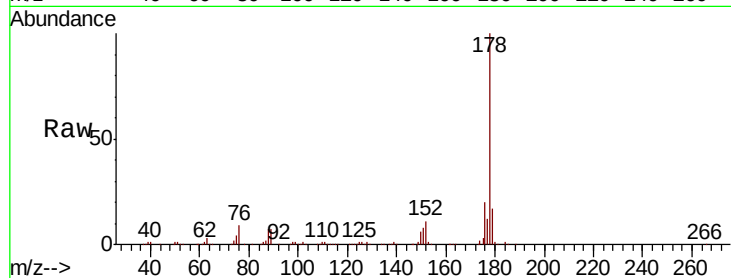
#71
Phenanthrene
Concen: 35.646 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.6	13.0	19.4

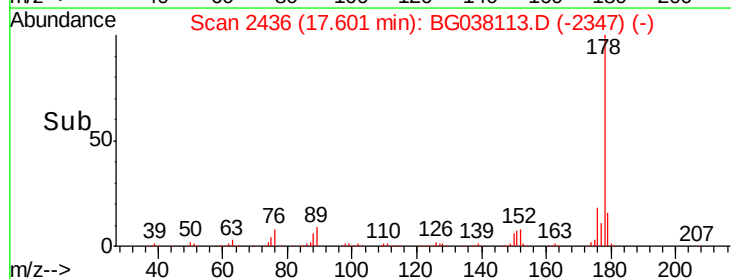
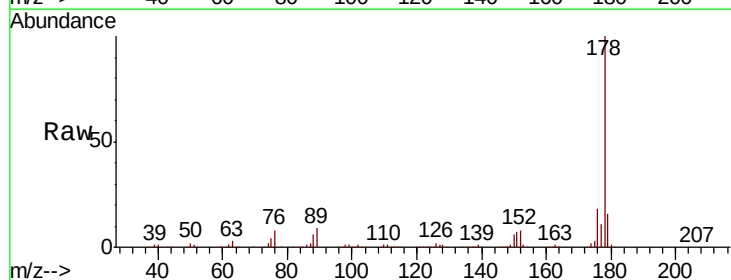
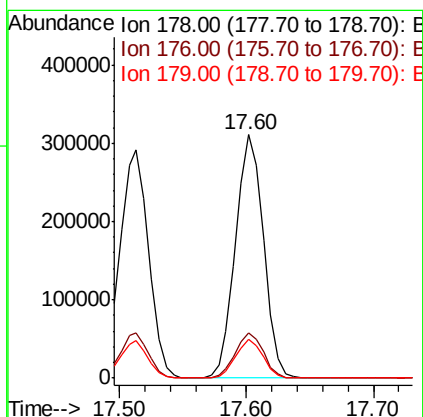
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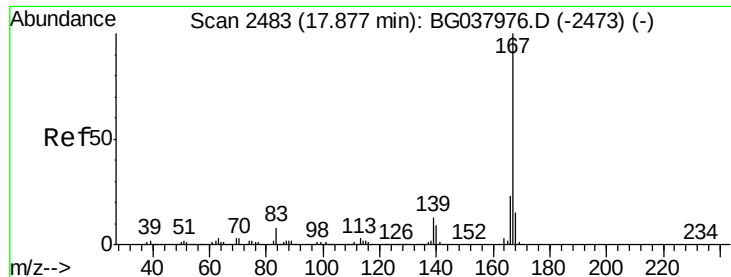
Sohil
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#72
Anthracene
Concen: 36.918 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	16.0	12.8	19.2





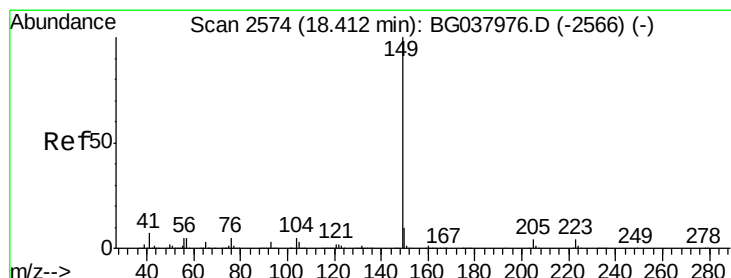
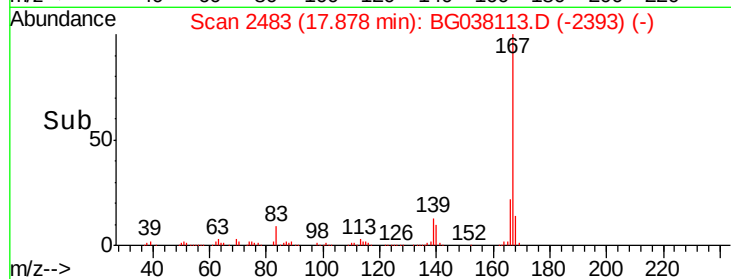
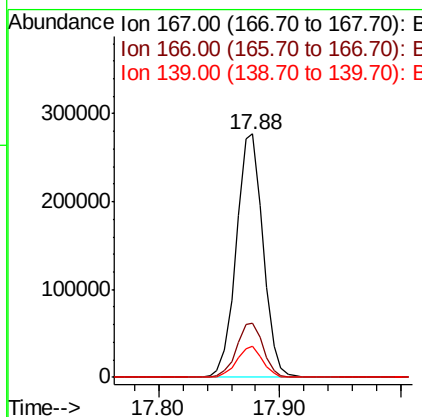
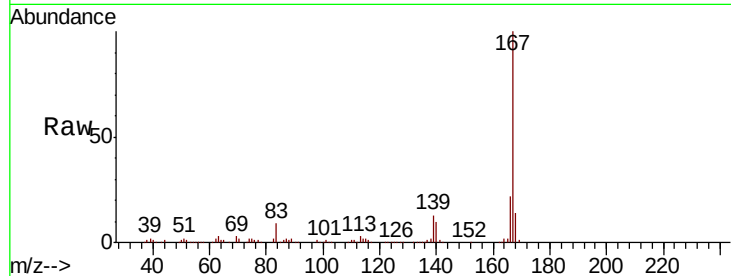
#73
 Carbazole
 Concen: 33.227 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion:	167	Resp:	428331
Ion Ratio	Lower	Upper	
167	100		
166	22.1	18.3	27.5
139	12.8	10.5	15.7

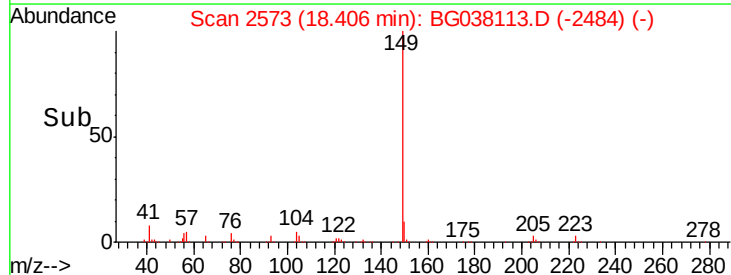
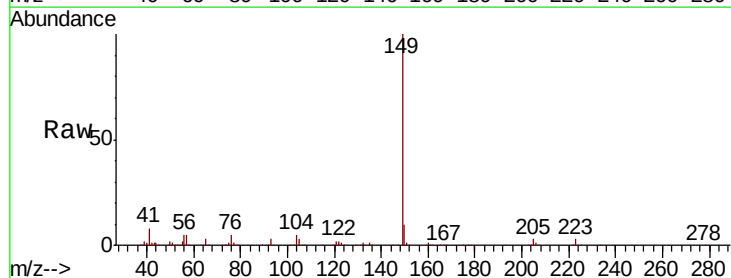
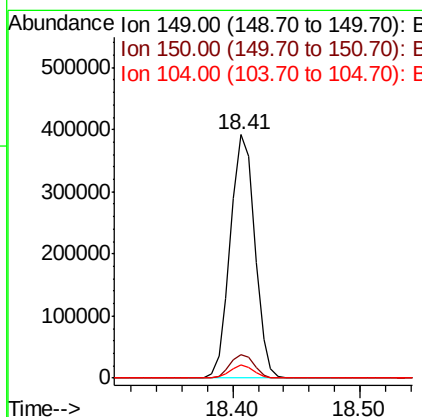
Manual Integrations
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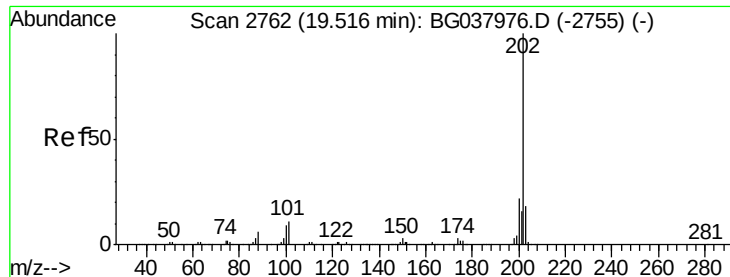
Sohil
 11/21/2018 3:23:24 PM



#74
 Di-n-butylphthalate
 Concen: 36.098 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:	149	Resp:	522352
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.2	12.2
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 37.003 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

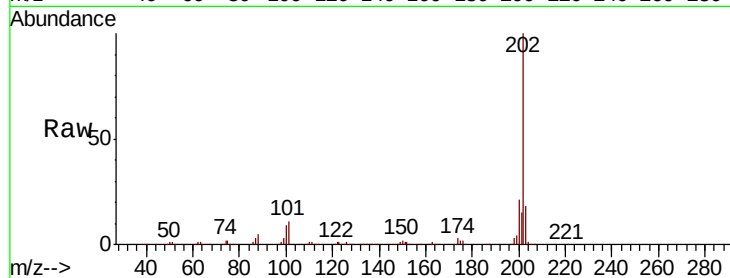
ClientSampleId :

PB114976BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	30.7
203	17.9	0.0	38.5

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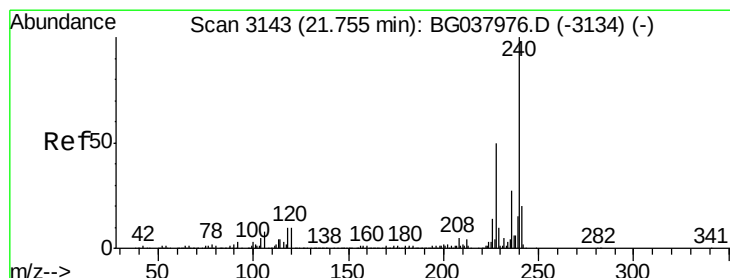
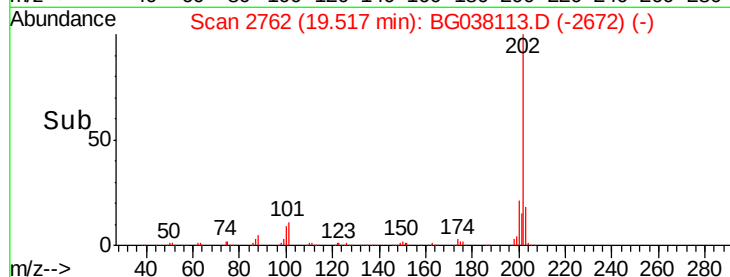
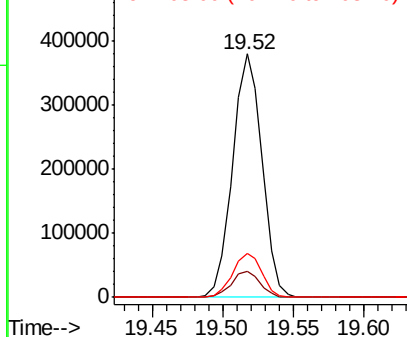


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

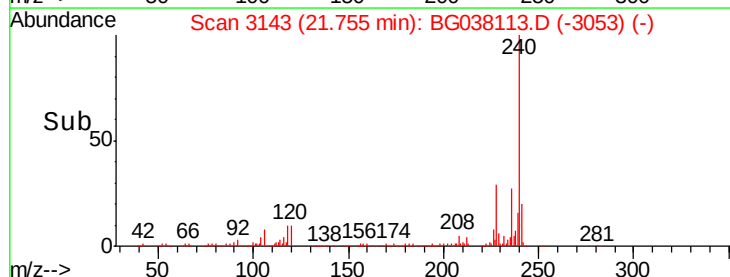
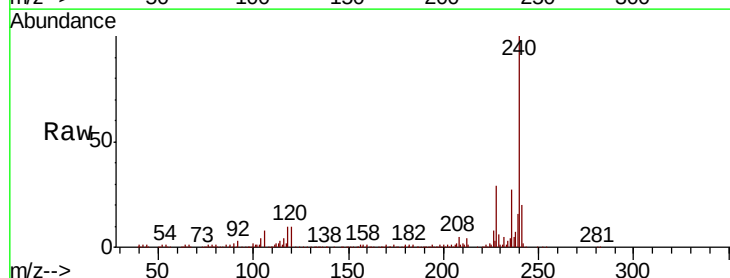
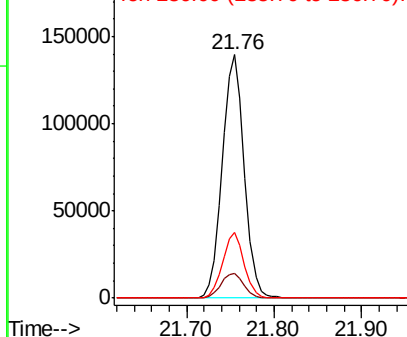
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.8	21.4	32.0

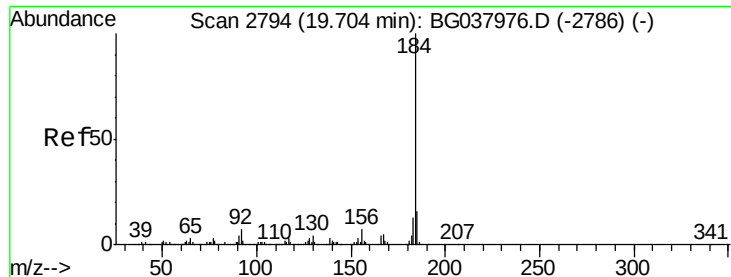
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.781 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

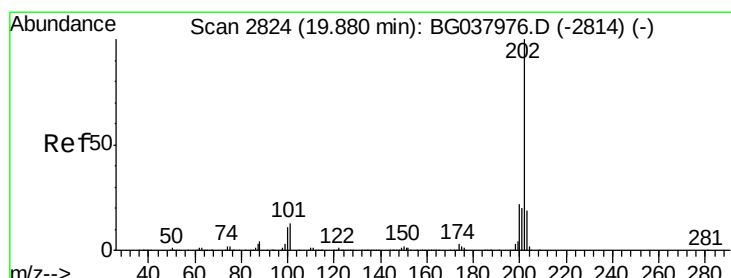
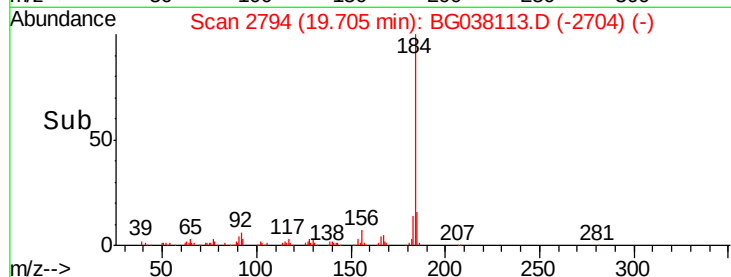
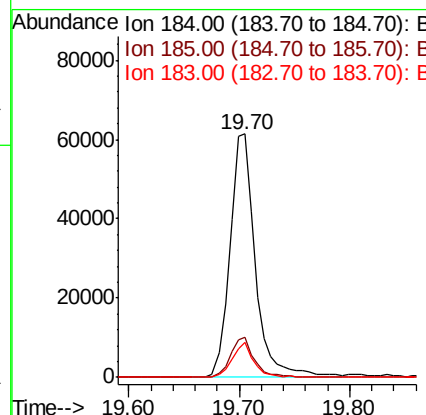
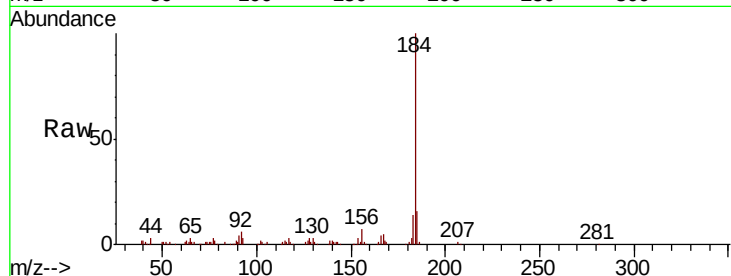
ClientSampleId :

PB114976BS

Tot Ion:	184	Resp:	99471
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.6	18.8
183	14.2	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 34.970 ng

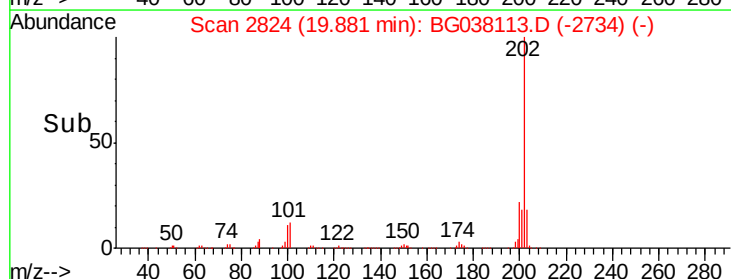
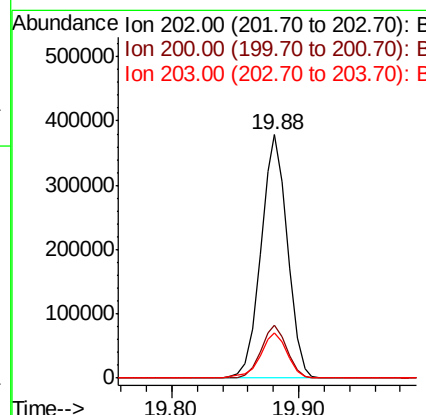
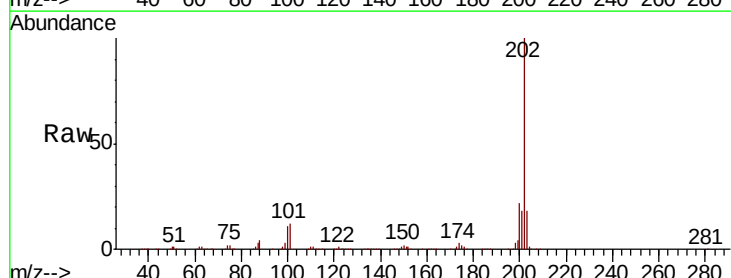
RT: 19.88 min Scan# 2824

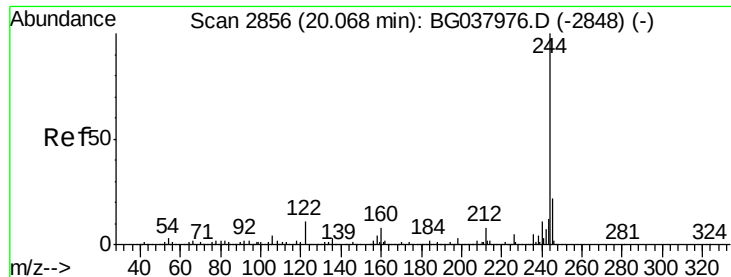
Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion:	202	Resp:	550159
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.8	26.6
203	18.4	15.2	22.8





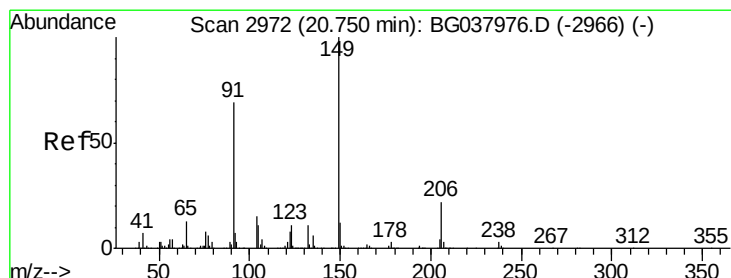
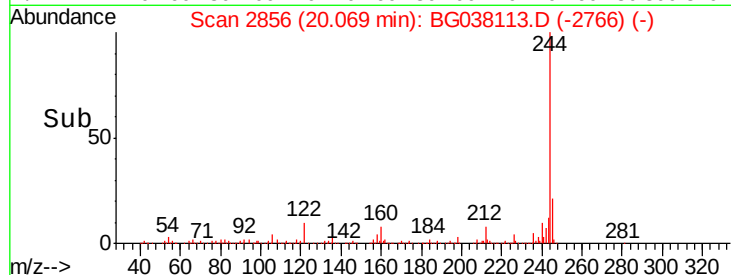
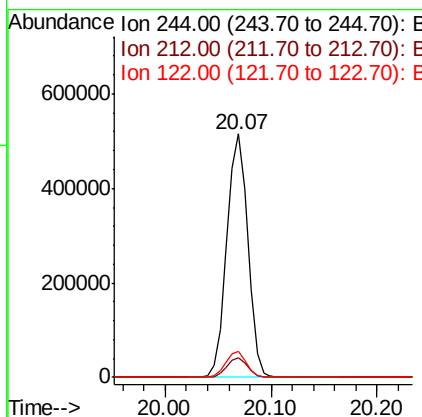
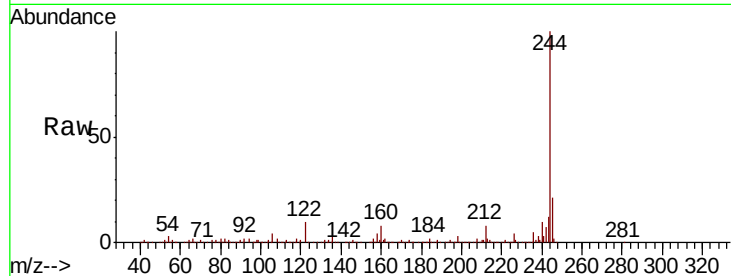
#79
 Terphenyl-d14
 Concen: 68.939 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Instrument :
 BNA_G
 ClientSampleId :
 PB114976BS

Tot Ion:	244	Resp:	704990
Ion Ratio		Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.5	9.0	13.4

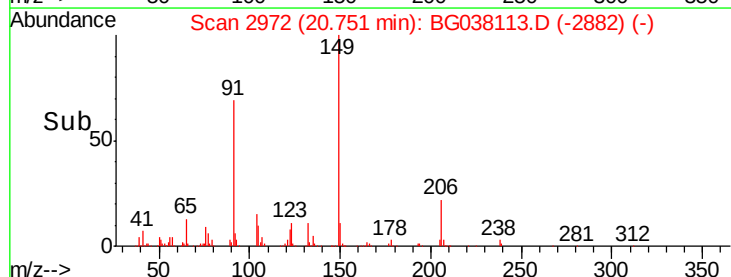
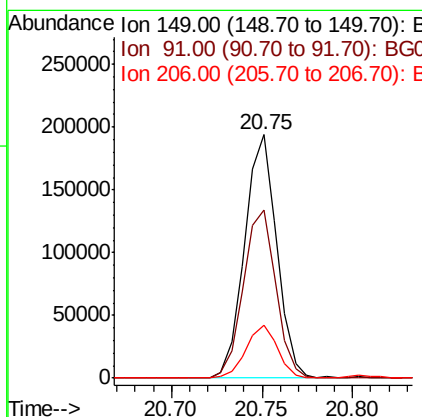
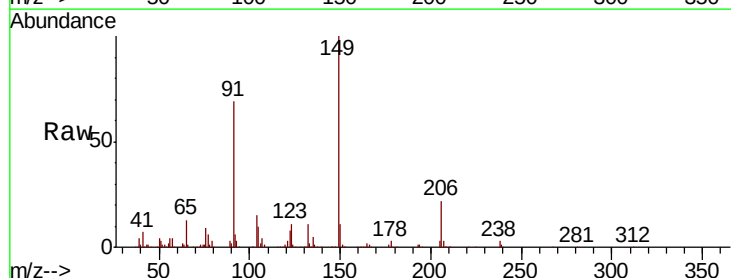
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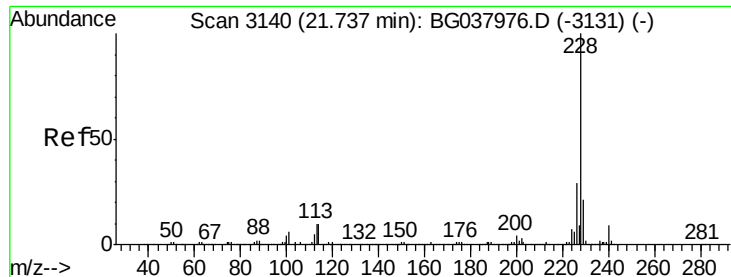
Sohil
 11/21/2018 3:23:24 PM



#80
 Butylbenzylphthalate
 Concen: 34.720 ng
 RT: 20.75 min Scan# 2972
 Delta R.T. 0.00 min
 Lab File: BG038113.D
 Acq: 21 Nov 2018 11:09

Tgt Ion:	149	Resp:	238871
Ion Ratio		Lower	Upper
149	100		
91	69.3	57.0	85.4
206	21.7	17.8	26.6





#81

Benzo(a)anthracene

Concen: 36.170 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Instrument :

BNA_G

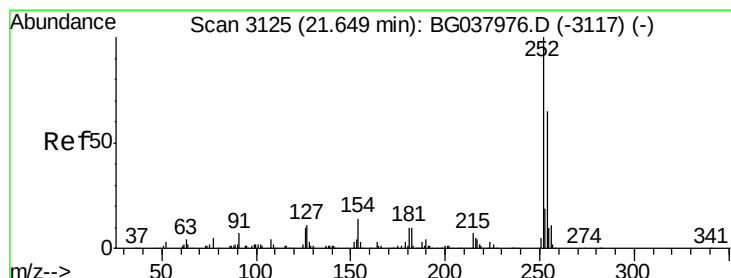
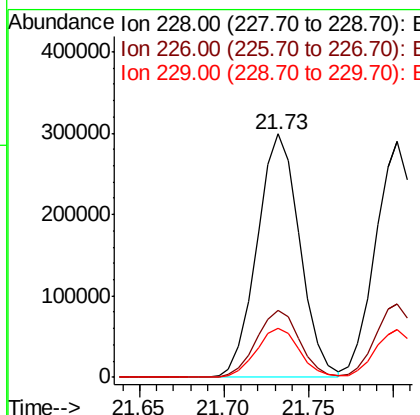
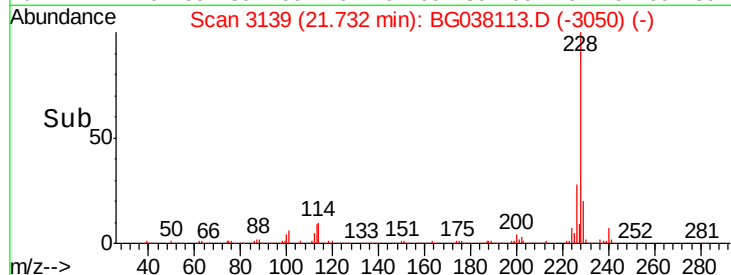
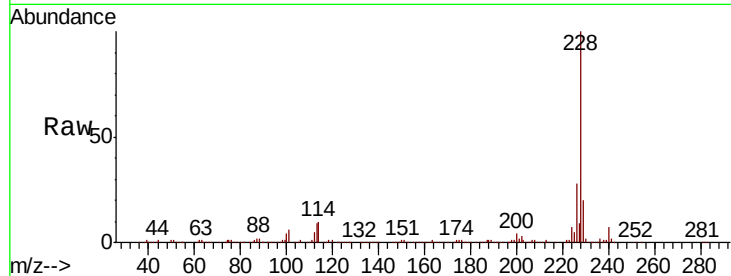
ClientSampleId :

PB114976BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.1	16.3	24.5

Manual Integrations
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11/21/2018 3:23:24 PM



#82

3,3'-Dichlorobenzidine

Concen: 14.627 ng

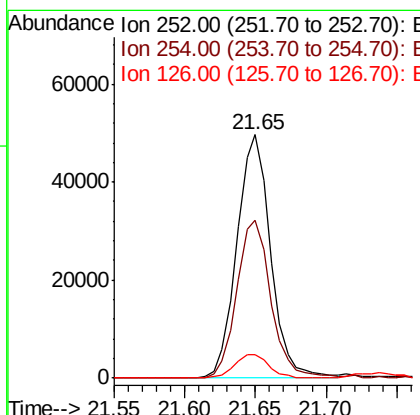
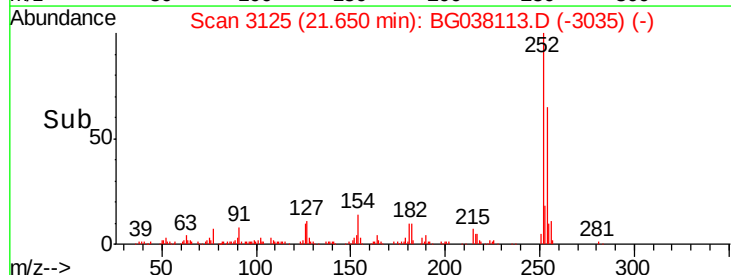
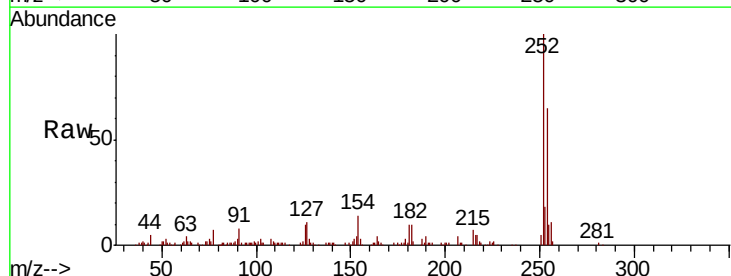
RT: 21.65 min Scan# 3125

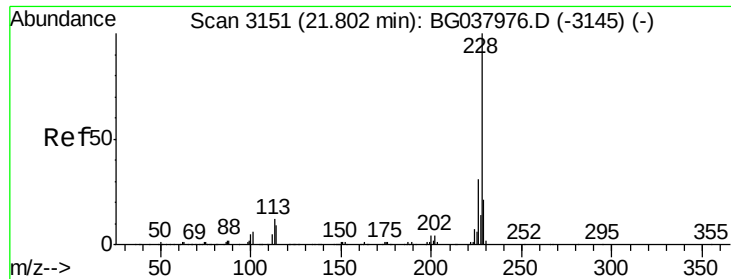
Delta R.T. 0.00 min

Lab File: BG038113.D

Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	9.9	8.2	12.4





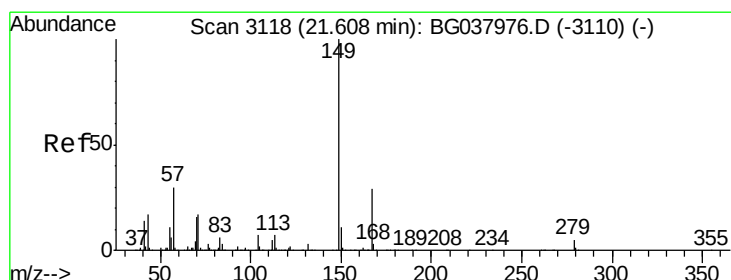
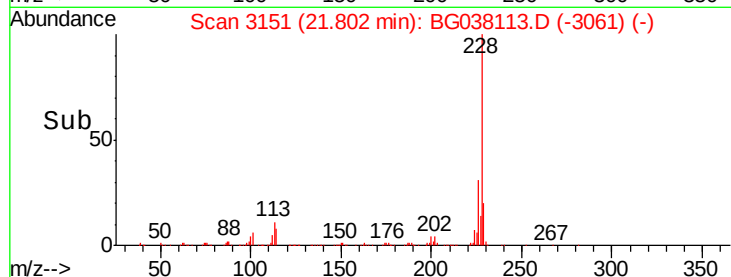
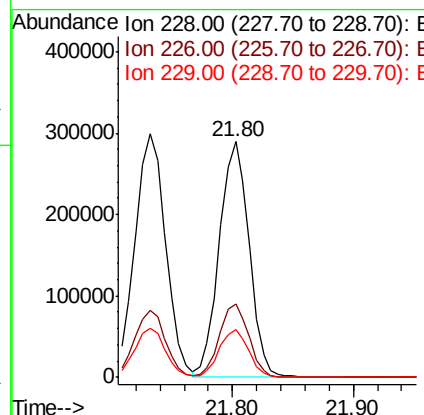
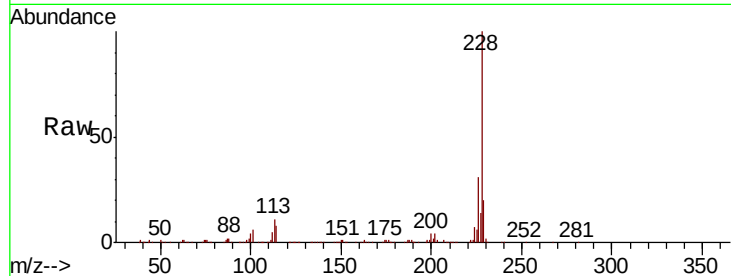
#83
Chrysene
Concen: 35.383 ng
RT: 21.80 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.3	16.5	24.7

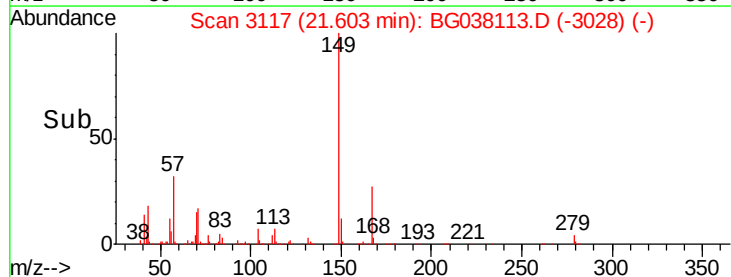
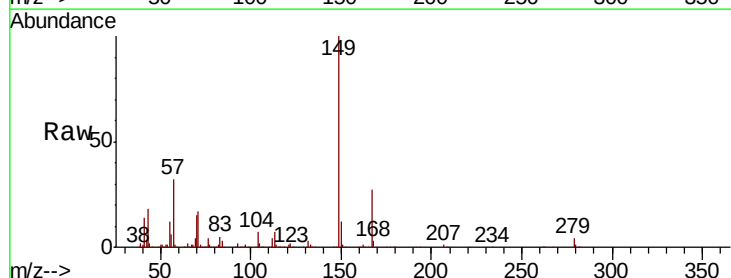
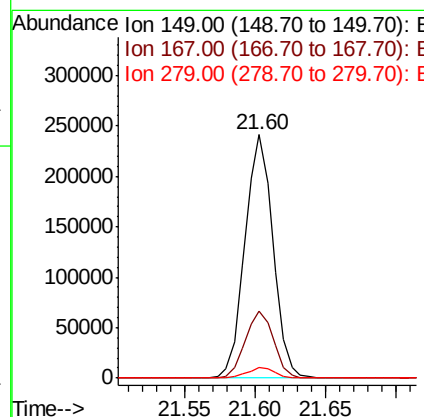
Manual Integrations
APPROVED

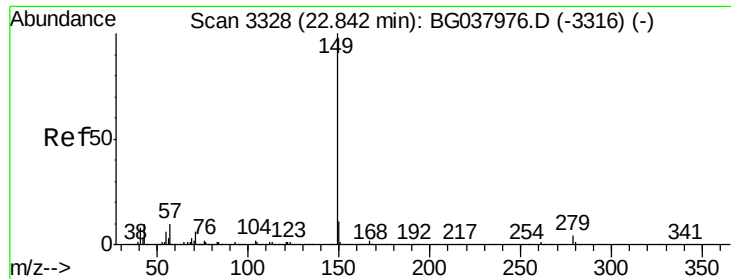
Sohil
11/21/2018 3:23:24 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.125 ng
RT: 21.60 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.0	34.4
279	4.2	3.6	5.4





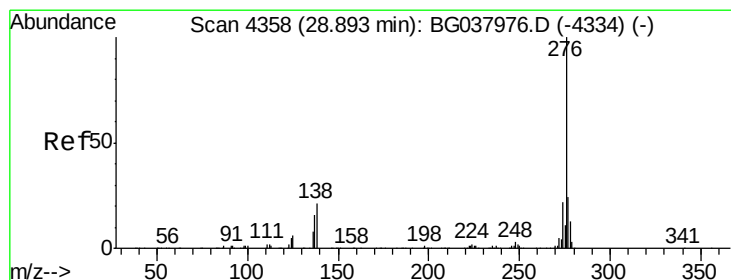
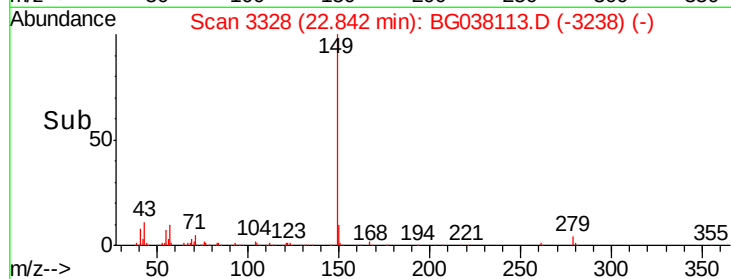
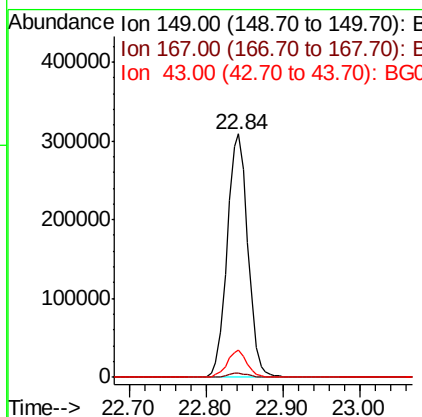
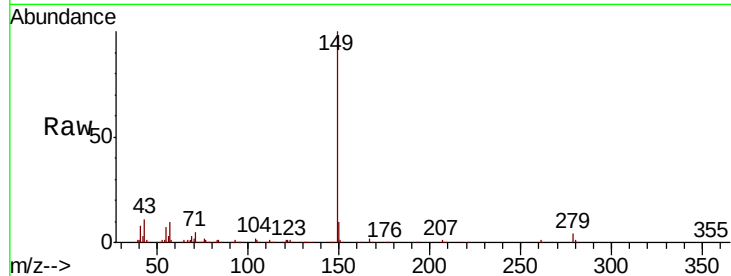
#85
Di-n-octyl phthalate
Concen: 36.407 ng
RT: 22.84 min Scan# 3328
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	577892		
167	1.7		1.3	1.9
43	10.5		8.7	13.1

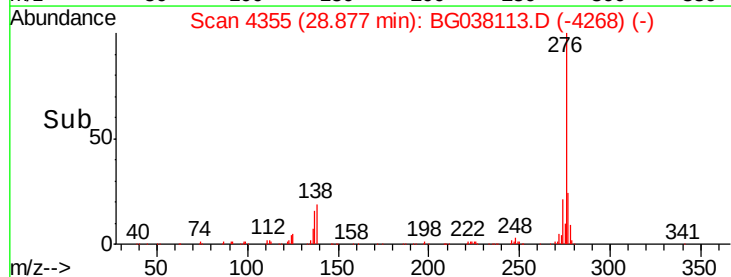
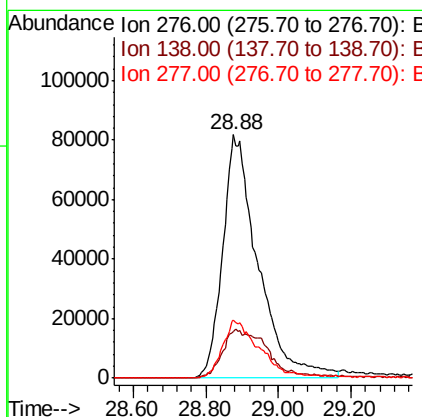
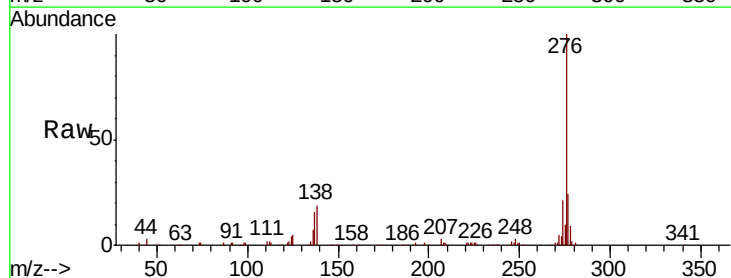
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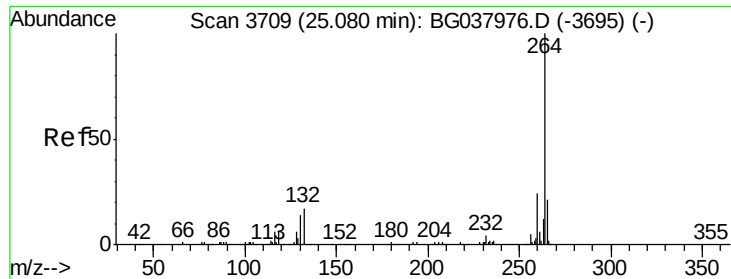
Sohil
11/21/2018 3:23:24 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.803 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	553224		
138	24.7		12.0	18.0#
277	24.5		20.6	30.8





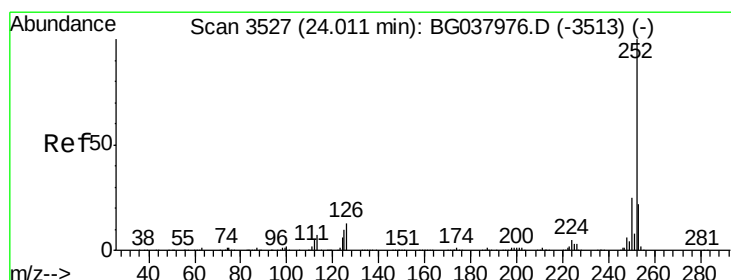
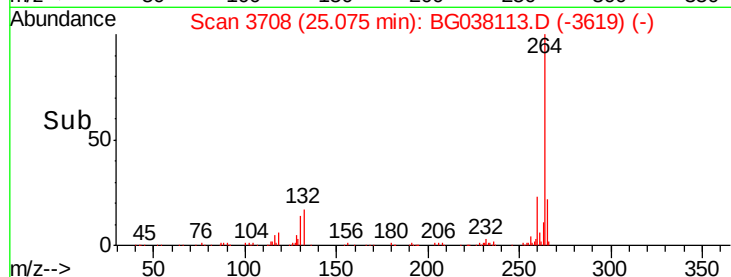
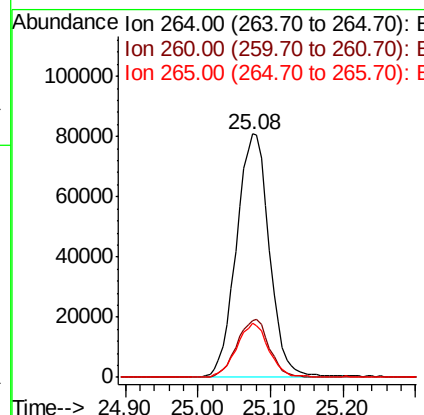
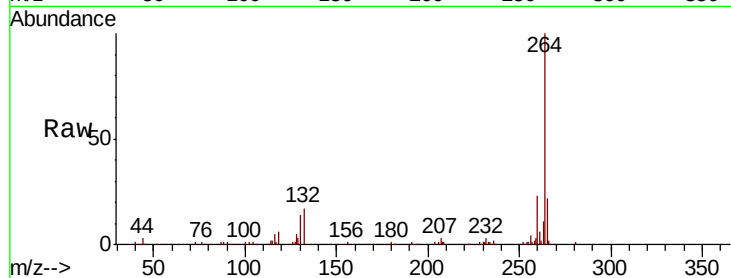
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampled :
PB114976BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.3	17.9	26.9

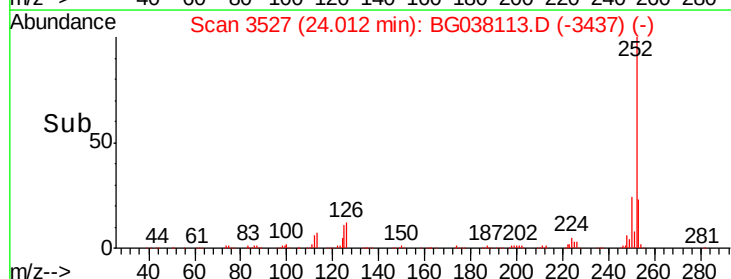
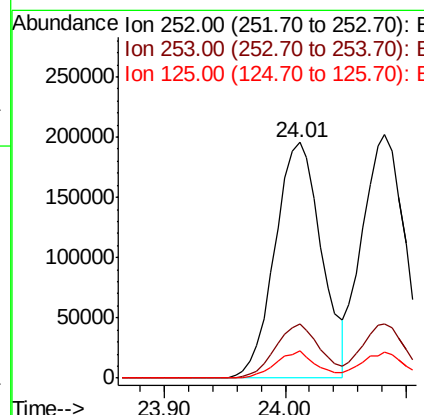
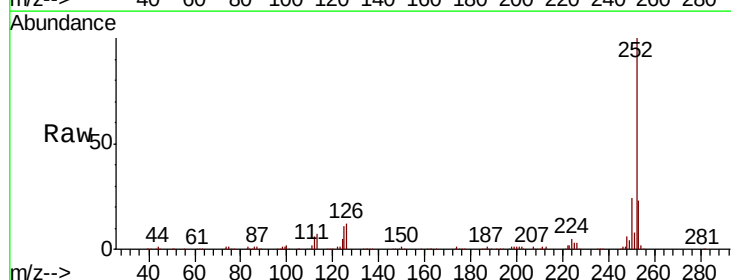
Manual Integrations
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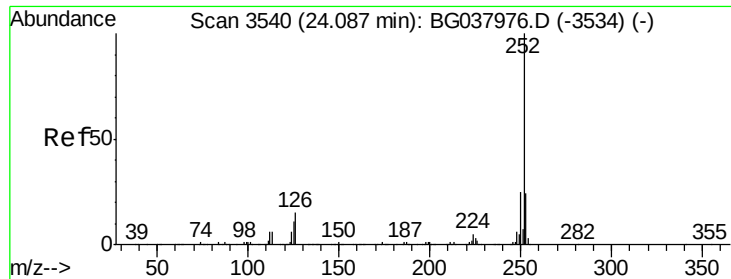
Sohil
11/21/2018 3:23:24 PM



#88
Benzo(b)fluoranthene
Concen: 37.184 ng
RT: 24.01 min Scan# 3527
Delta R.T. 0.00 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	11.3	7.8	11.6





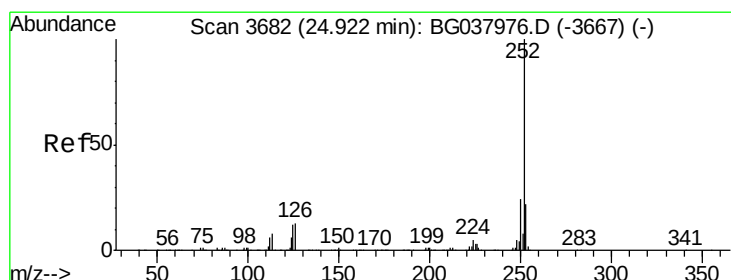
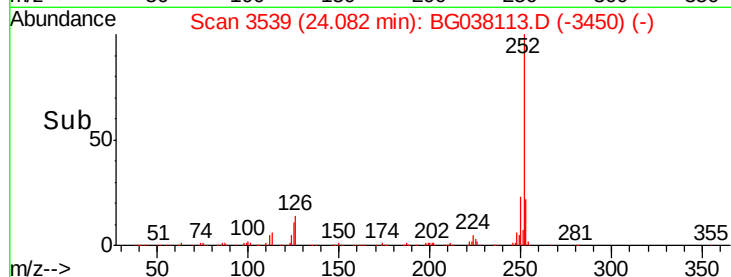
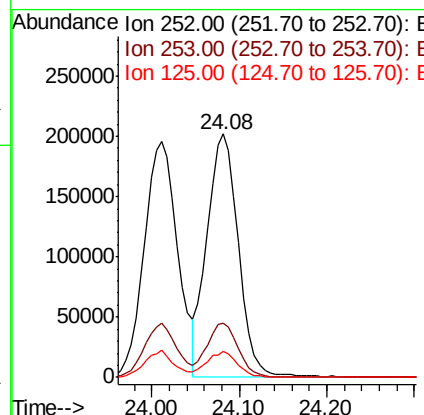
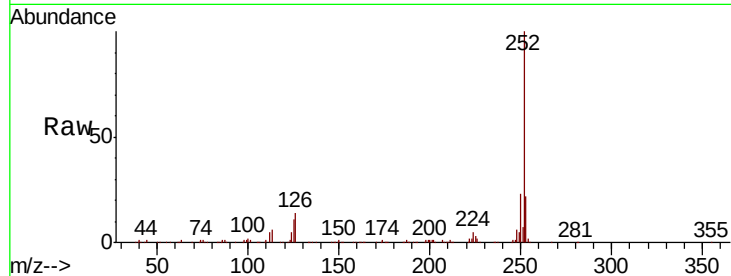
#89
Benzo(k)fluoranthene
Concen: 36.207 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.6	7.4	11.0

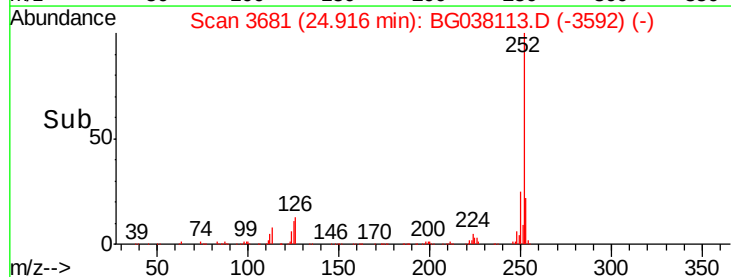
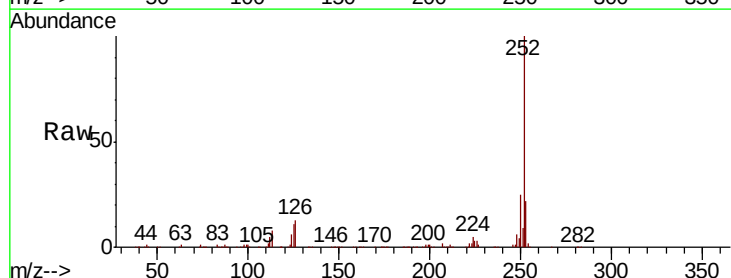
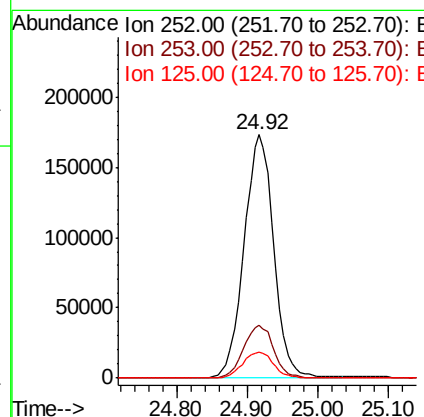
Manual Integrations
APPROVED

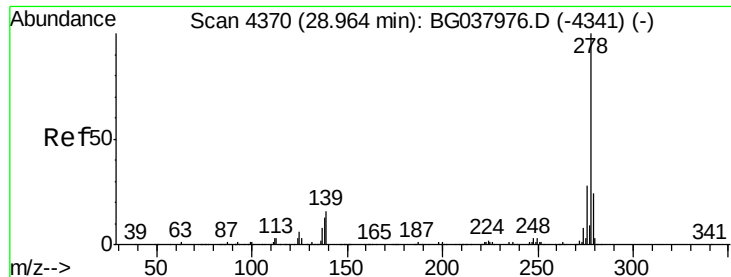
Sohil
11/21/2018 3:23:24 PM



#90
Benzo(a)pyrene
Concen: 37.685 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.8	9.0	13.6





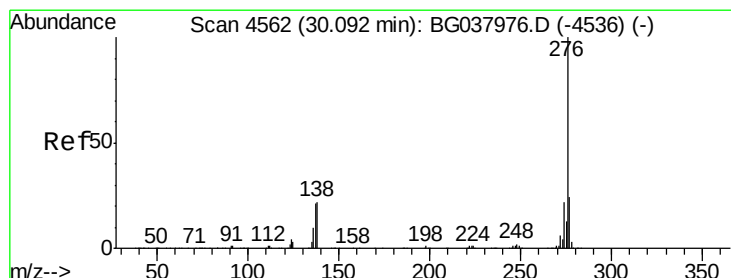
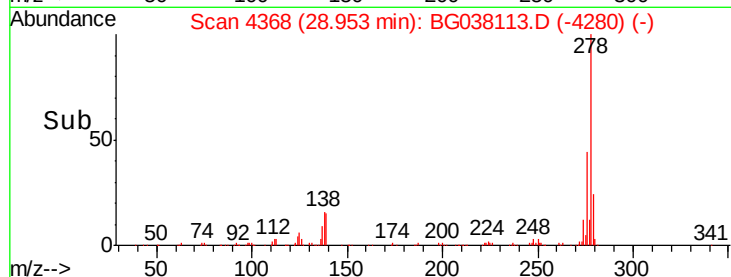
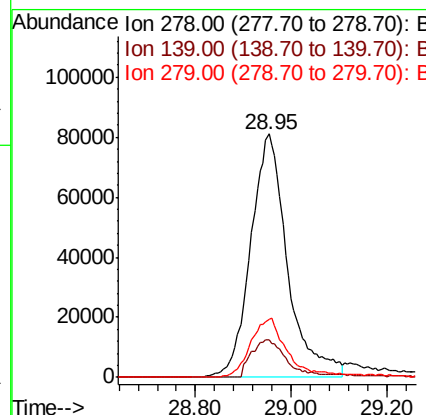
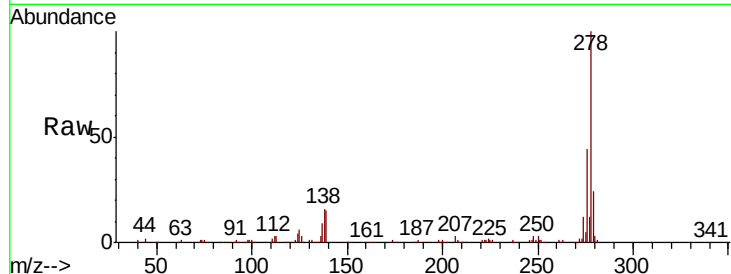
#91
Dibenzo(a,h)anthracene
Concen: 33.582 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Instrument :
BNA_G
ClientSampleId :
PB114976BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.5	17.3
279	24.0	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/21/2018 3:23:24 PM



#92
Benzo(g,h,i)perylene
Concen: 33.805 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038113.D
Acq: 21 Nov 2018 11:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.9	28.3
138	22.9	17.2	25.8

