

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037821.D
 Acq On : 6 Nov 2018 2:53
 Operator : JU/SJ
 Sample : PB114495BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Manual Integrations
 APPROVED

Sohil
 11/6/2018 1:21:52 PM

Quant Time: Nov 06 05:59:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55658	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	242950	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	161929	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	370221	20.00	ng	0.00
76) Chrysene-d12	21.76	240	336601	20.00	ng	-0.01
87) Perylene-d12	25.09	264	346076	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	461898	138.74	ng	0.00
7) Phenol-d6	7.24	99	654027	129.92	ng	0.00
23) Nitrobenzene-d5	9.28	82	383245	88.37	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	245448	138.97	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	945921	88.09	ng	-0.01
79) Terphenyl-d14	20.07	244	1373020	87.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	48168	28.531	ng	98
3) Pyridine	3.92	79	147823	34.739	ng	96
4) n-Nitrosodimethylamine	3.85	42	67854	44.769	ng	# 85
6) Aniline	7.42	93	95152	15.494	ng	93
8) 2-Chlorophenol	7.65	128	182018	46.736	ng	97
9) Benzaldehyde	7.24	77	117145	37.201	ng	91
10) Phenol	7.27	94	240047	45.194	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	166587	41.295	ng	99
12) 1,3-Dichlorobenzene	7.98	146	180944	41.733	ng	98
13) 1,4-Dichlorobenzene	8.13	146	184149	41.522	ng	96
14) 1,2-Dichlorobenzene	8.45	146	176928	41.472	ng	97
15) Benzyl Alcohol	8.34	79	159255	42.815	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.62	45	303278	42.016	ng	98
17) 2-Methylphenol	8.53	107	165663	47.177	ng	98
18) Hexachloroethane	9.18	117	67519	44.656	ng	97
19) n-Nitroso-di-n-propylamine	8.90	70	135135	38.983	ng	95
20) 3+4-Methylphenols	8.86	107	227537	45.322	ng	96
22) Acetophenone	8.93	105	264330	43.382	ng	# 96
24) Nitrobenzene	9.32	77	203951	45.268	ng	94
25) Isophorone	9.83	82	389246	49.121	ng	96
26) 2-Nitrophenol	10.03	139	105589	52.023	ng	94
27) 2,4-Dimethylphenol	10.07	122	194584	53.695	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	241500	46.515	ng	98
29) 2,4-Dichlorophenol	10.56	162	201898	50.038	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	197731	45.064	ng	97
31) Naphthalene	10.97	128	579411	48.555	ng	100
32) Benzoic acid	10.19	122	94791	40.272	ng	96
33) 4-Chloroaniline	11.08	127	50815	9.063	ng	96
34) Hexachlorobutadiene	11.23	225	117333	45.118	ng	97
35) Caprolactam	11.87	113	73069m	45.153	ng	
36) 4-Chloro-3-methylphenol	12.18	107	215282	47.310	ng	96
37) 2-Methylnaphthalene	12.57	142	437190	50.259	ng	99
38) 1-Methylnaphthalene	12.78	142	424916	50.299	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	234258	44.850	ng	99

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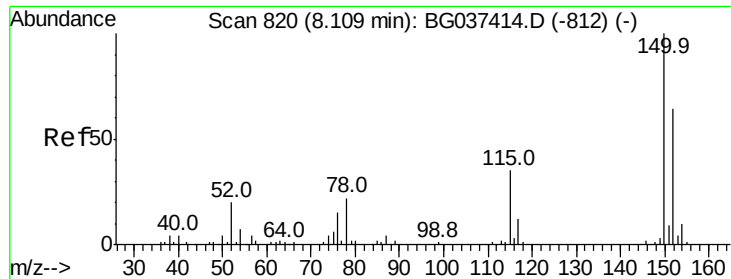
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	291413	116.802	ng	98
43) 2,4,6-Trichlorophenol	13.17	196	169995	48.717	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	185403	48.800	ng	96
46) 1,1'-Biphenyl	13.56	154	578957	43.172	ng	99
47) 2-Chloronaphthalene	13.61	162	462727	45.608	ng	98
48) 2-Nitroaniline	13.82	65	146206	47.521	ng	88
49) Acenaphthylene	14.46	152	749643	49.119	ng	98
50) Dimethylphthalate	14.18	163	580695	46.355	ng	100
51) 2,6-Dinitrotoluene	14.31	165	132956	47.977	ng	95
52) Acenaphthene	14.80	154	442309	47.058	ng	99
53) 3-Nitroaniline	14.64	138	61509	19.993	ng	# 93
54) 2,4-Dinitrophenol	14.85	184	71127	65.680	ng	98
55) Dibenzofuran	15.13	168	709395	45.553	ng	99
56) 4-Nitrophenol	14.94	139	270567	118.816	ng	99
57) 2,4-Dinitrotoluene	15.09	165	185142	50.895	ng	95
58) Fluorene	15.78	166	572064	49.054	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	160405	49.311	ng	100
60) Diethylphthalate	15.53	149	598833	46.562	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	302159	44.453	ng	99
62) 4-Nitroaniline	15.81	138	141198	46.189	ng	92
63) Azobenzene	16.06	77	558890	45.546	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	81535	43.038	ng	98
66) n-Nitrosodiphenylamine	15.98	169	522733	46.939	ng	98
67) 4-Bromophenyl-phenylether	16.66	248	191853	47.189	ng	99
68) Hexachlorobenzene	16.77	284	191019	45.333	ng	97
69) Atrazine	16.92	200	196107	48.706	ng	99
70) Pentachlorophenol	17.12	266	203425	72.074	ng	96
71) Phenanthrene	17.52	178	930433	49.450	ng	99
72) Anthracene	17.61	178	941089	50.966	ng	97
73) Carbazole	17.88	167	849666	46.001	ng	99
74) Di-n-butylphthalate	18.42	149	995641	48.457	ng	100
75) Fluoranthene	19.52	202	1070633	50.169	ng	99
77) Benzidine	19.71	184	218616	19.101	ng	99
78) Pyrene	19.89	202	1065022	48.401	ng	100
80) Butylbenzylphthalate	20.76	149	455628	50.595	ng	97
81) Benzo(a)anthracene	21.74	228	1004193	50.437	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	147475	19.110	ng	99
83) Chrysene	21.81	228	942322	49.221	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	645364	51.126	ng	98
85) Di-n-octyl phthalate	22.85	149	1084486	52.686	ng	97
86) Indeno(1,2,3-cd)pyrene	28.91	276	946075	46.074	ng	# 92
88) Benzo(b)fluoranthene	24.03	252	964311	50.825	ng	99
89) Benzo(k)fluoranthene	24.10	252	966337	51.985	ng	98
90) Benzo(a)pyrene	24.93	252	958868	53.185	ng	98
91) Dibenzo(a,h)anthracene	28.98	278	703347	42.293	ng	98
92) Benzo(g,h,i)perylene	30.12	276	787196	46.788	ng	97

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



#1

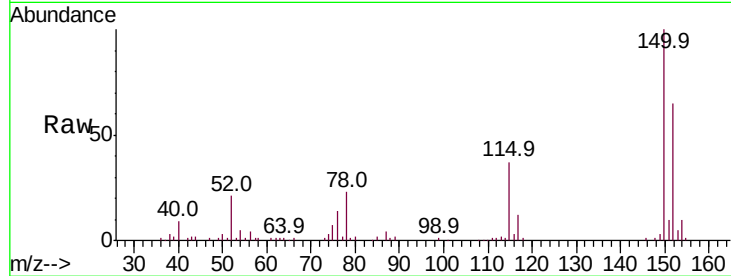
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.0	189.0
115	57.3	45.5	68.3

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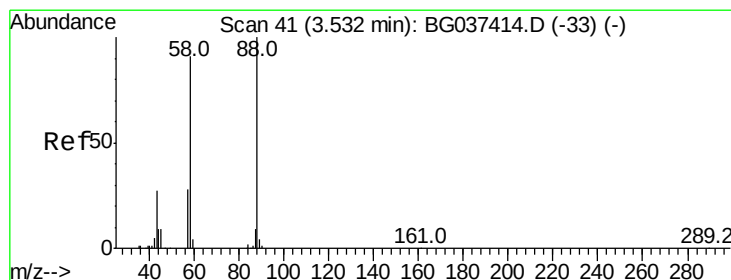
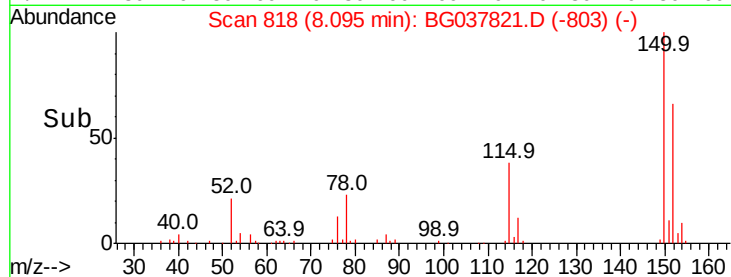
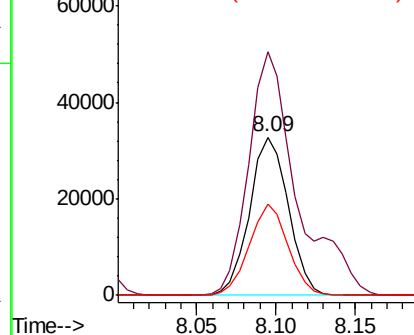


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

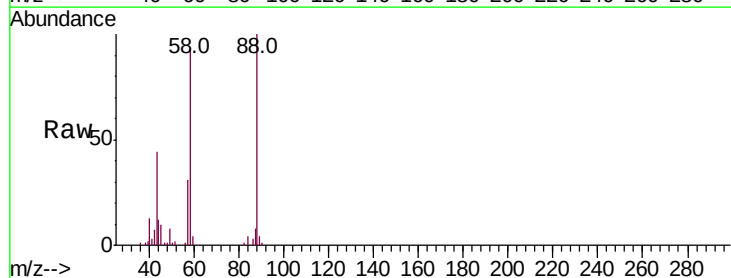
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.531 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	74.4	111.6
43	31.8	25.8	38.8

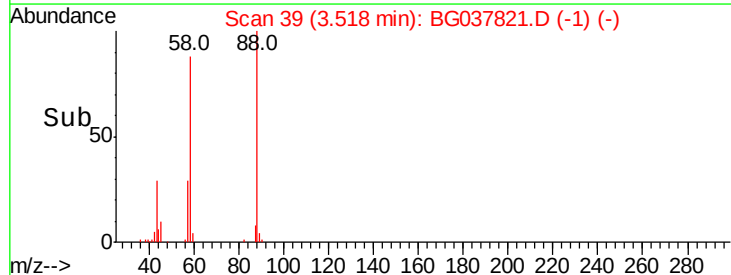
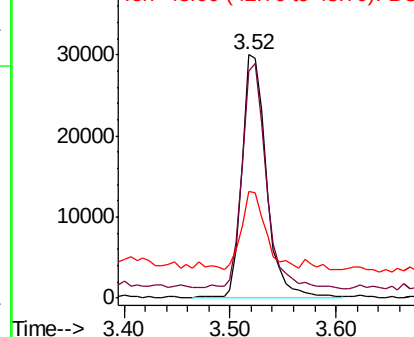


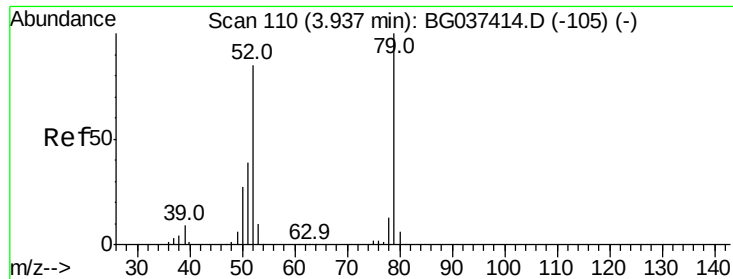
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.739 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

ClientSampleId :

PB114495BS

Tot Ion: 79 Resp: 147823

Ion Ratio Lower Upper

79 100

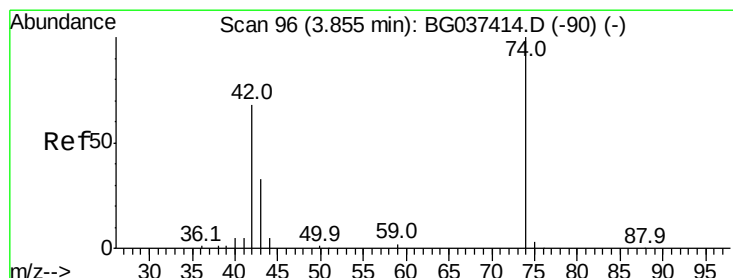
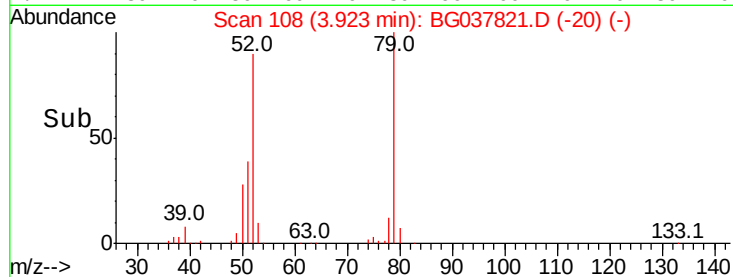
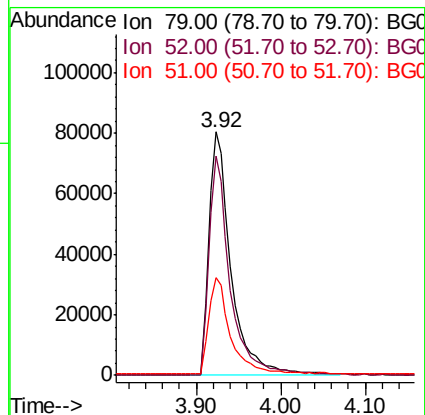
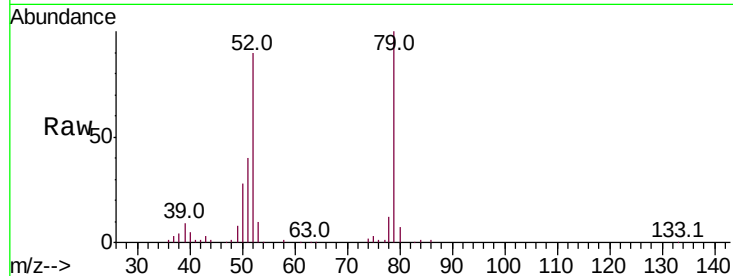
52 90.0 74.2 111.2

51 40.0 34.6 51.8

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#4

n-Nitrosodimethylamine

Concen: 44.769 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

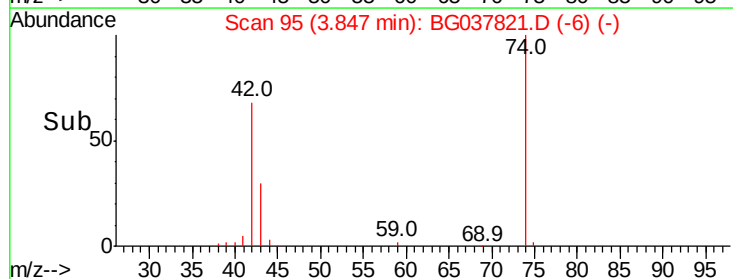
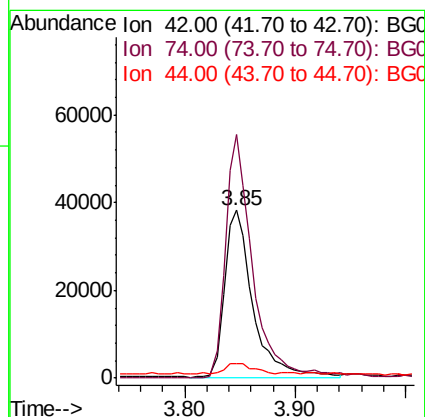
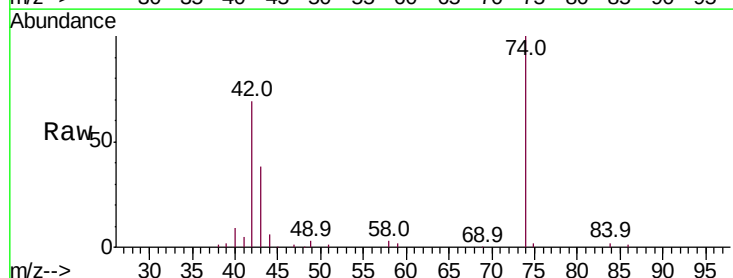
Tgt Ion: 42 Resp: 67854

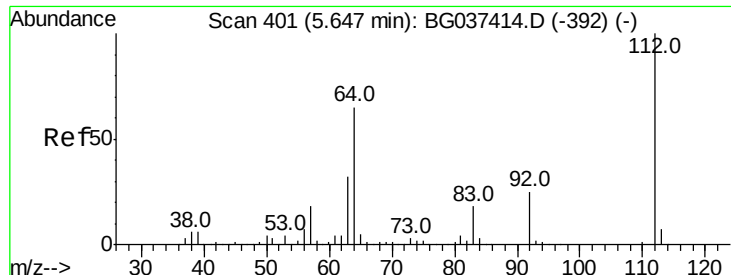
Ion Ratio Lower Upper

42 100

74 145.2 102.0 153.0

44 8.6 9.6 14.4#





#5

2-Fluorophenol

Concen: 138.745 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

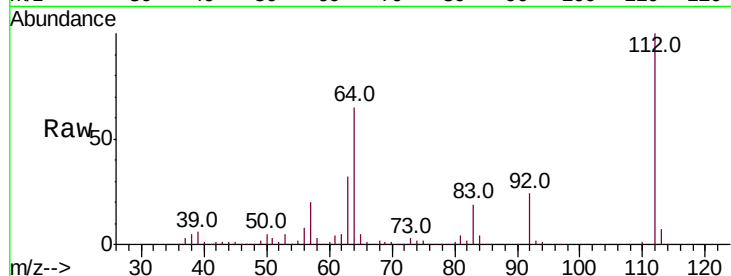
ClientSampleId :

PB114495BS

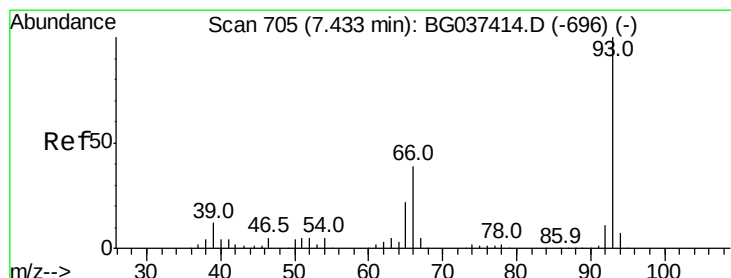
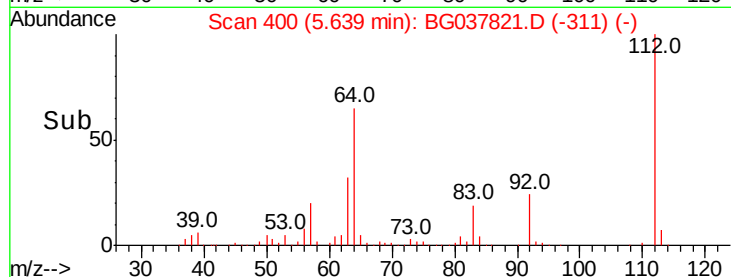
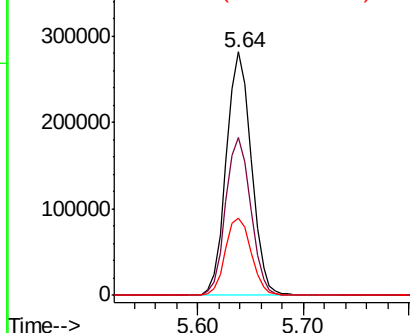
Tot Ion:	112	Resp:	461898
Ion Ratio	Lower	Upper	
112	100		
64	64.9	53.1	79.7
63	31.9	27.3	40.9

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



#6

Aniline

Concen: 15.494 ng

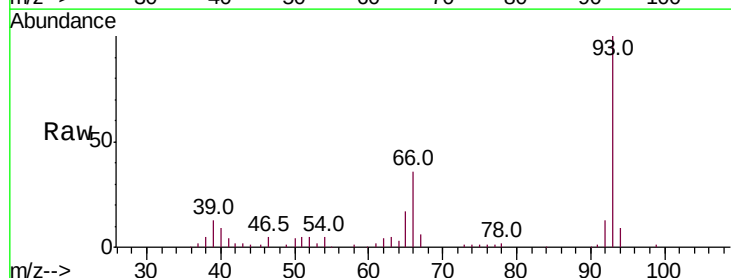
RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

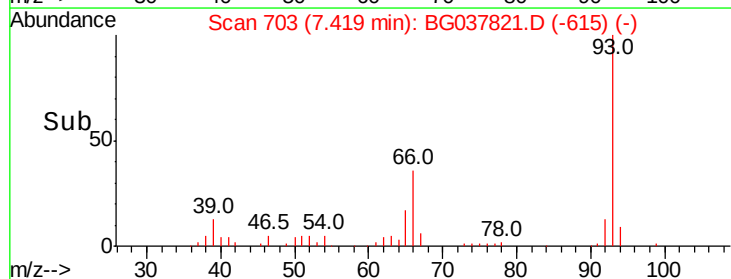
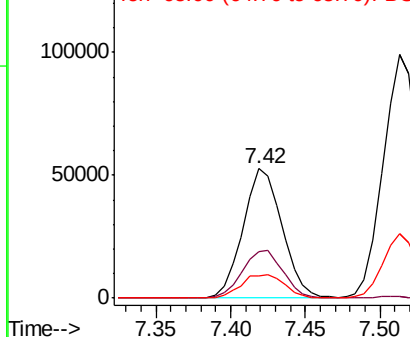
Lab File: BG037821.D

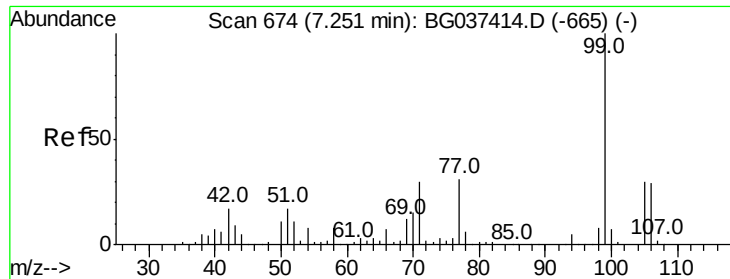
Acq: 6 Nov 2018 2:53

Tgt Ion:	93	Resp:	95152
Ion Ratio	Lower	Upper	
93	100		
66	36.1	32.8	49.2
65	17.5	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: 129.921 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

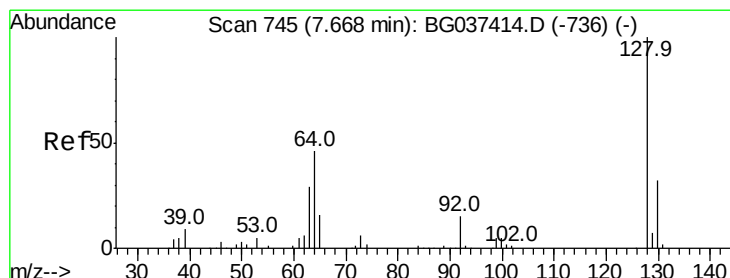
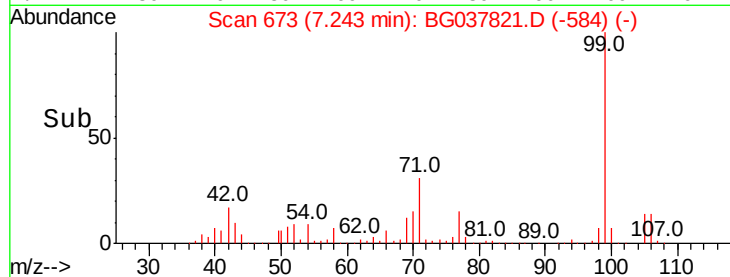
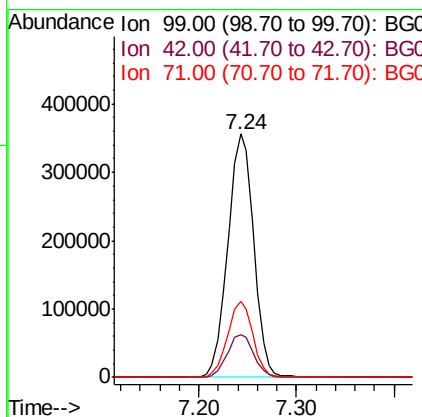
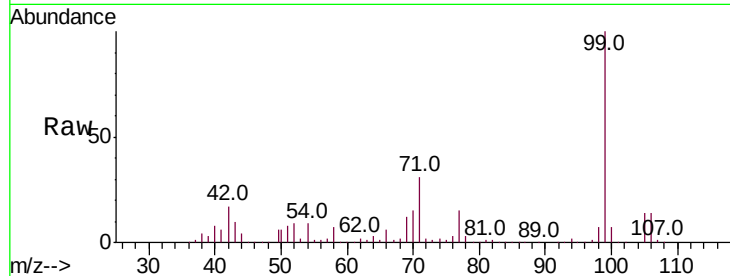
ClientSampleId :

PB114495BS

Tot Ion:	99	Resp:	654027
Ion Ratio	Lower	Upper	
99	100		
42	17.5	15.0	22.4
71	31.2	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.736 ng

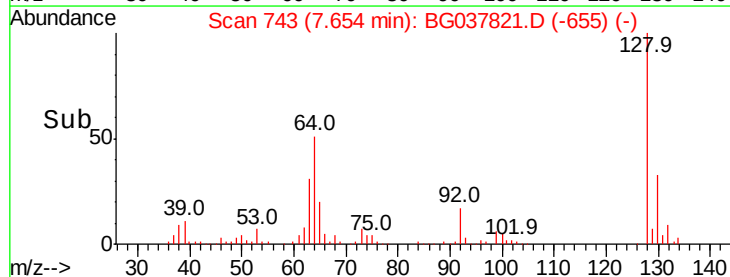
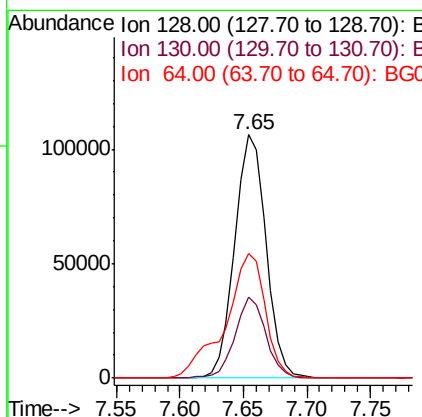
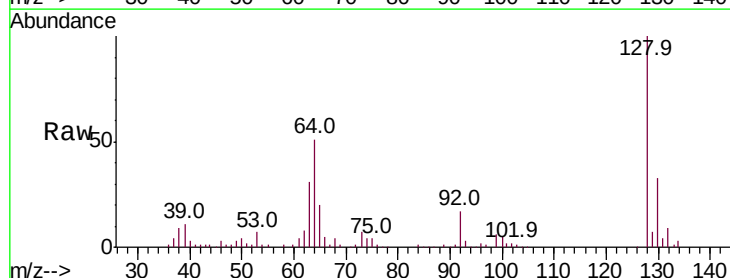
RT: 7.65 min Scan# 743

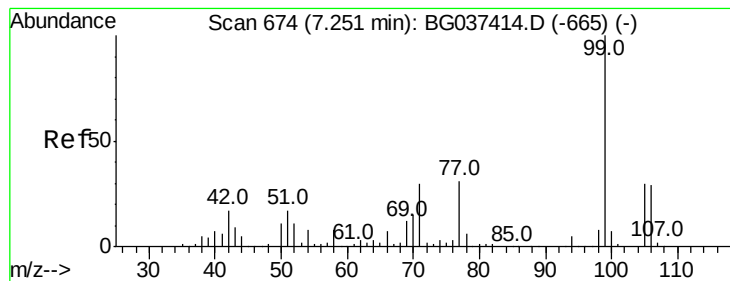
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion:	128	Resp:	182018
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.0	52.0
64	51.0	32.9	72.9





#9

Benzaldehyde

Concen: 37.201 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

ClientSampleId :

PB114495BS

Tot Ion: 77 Resp: 117145

Ion Ratio Lower Upper

77 100

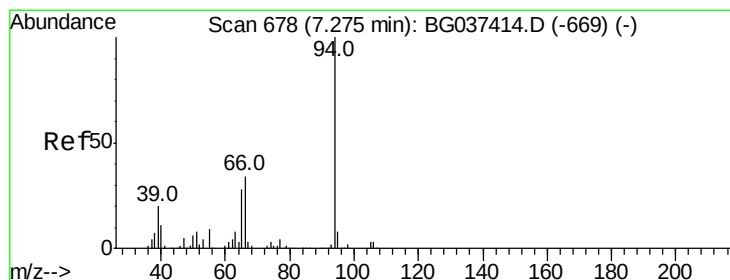
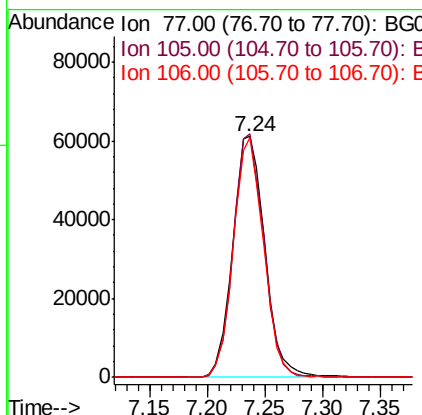
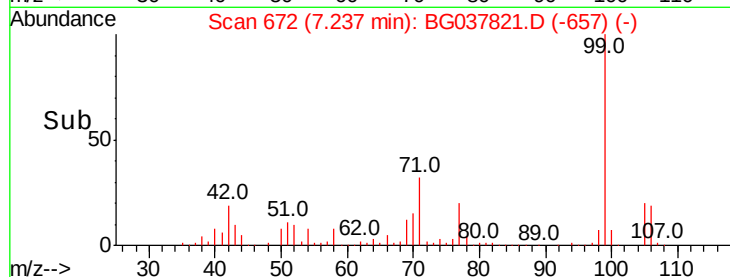
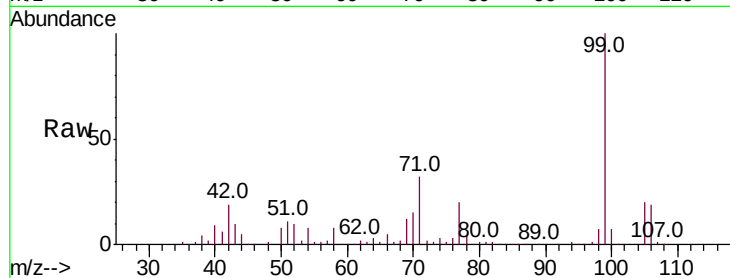
105 101.1 72.6 112.6

106 99.7 71.3 111.3

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#10

Phenol

Concen: 45.194 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

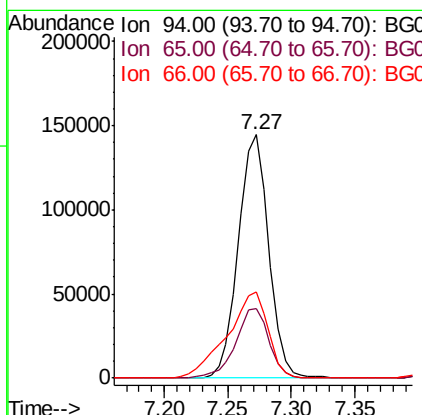
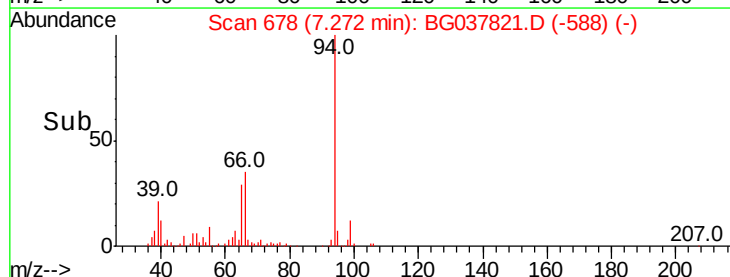
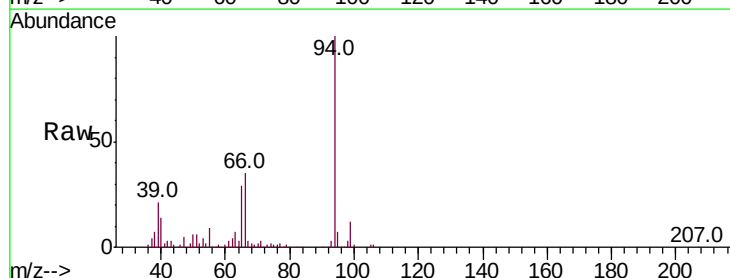
Tgt Ion: 94 Resp: 240047

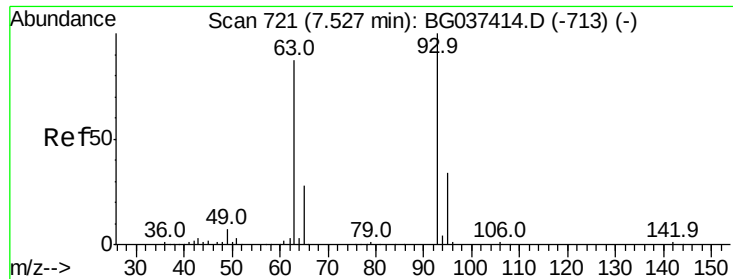
Ion Ratio Lower Upper

94 100

65 28.8 9.7 49.7

66 35.3 15.9 55.9





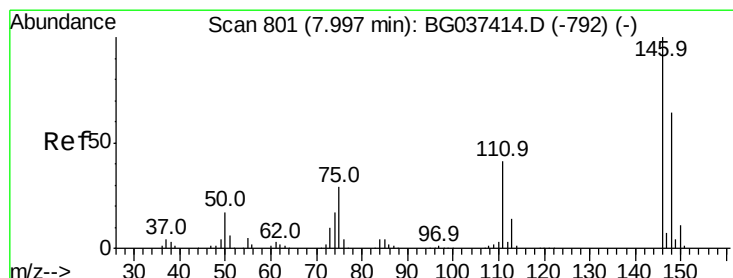
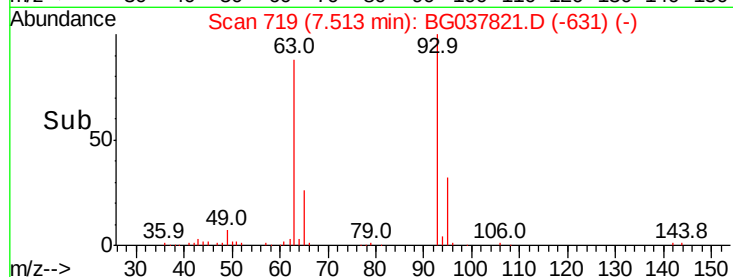
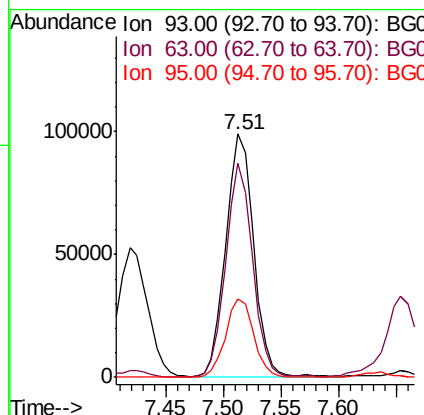
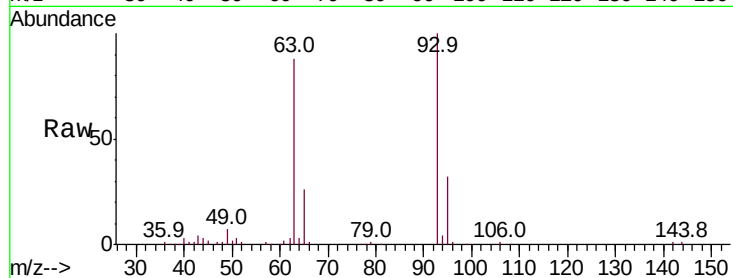
#11
bis(2-Chloroethyl)ether
Concen: 41.295 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	69.5	109.5
95	32.4	12.6	52.6

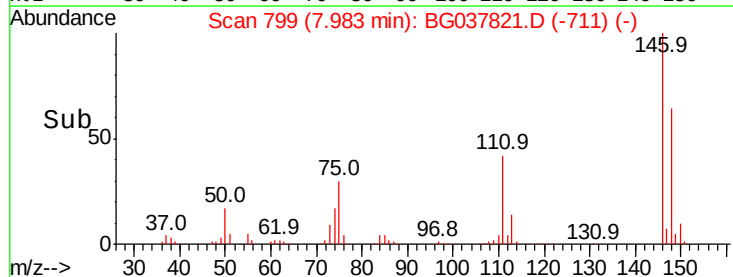
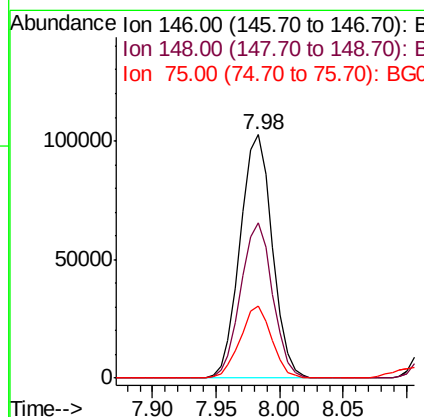
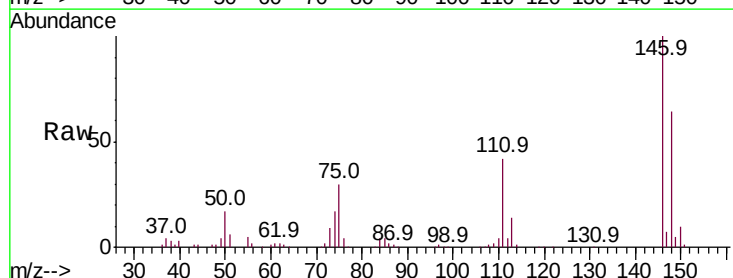
Manual Integrations
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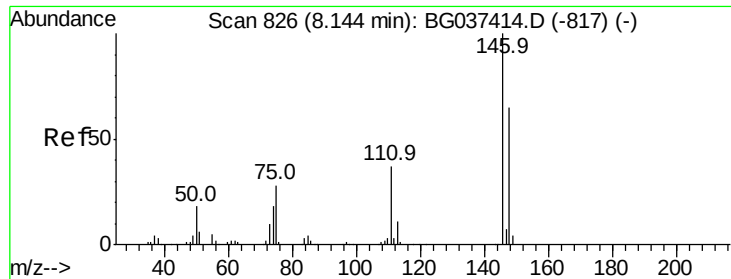
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.733 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.8	74.8
75	29.9	23.2	34.8





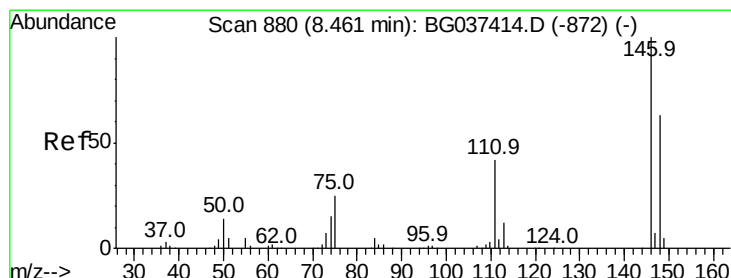
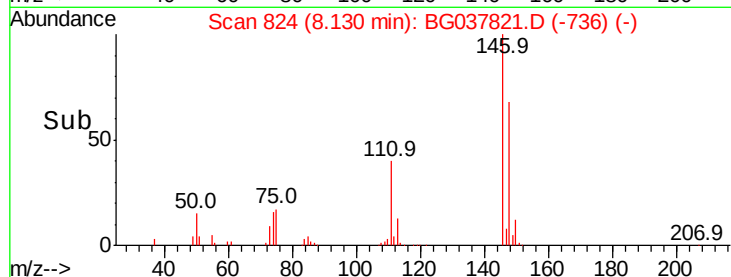
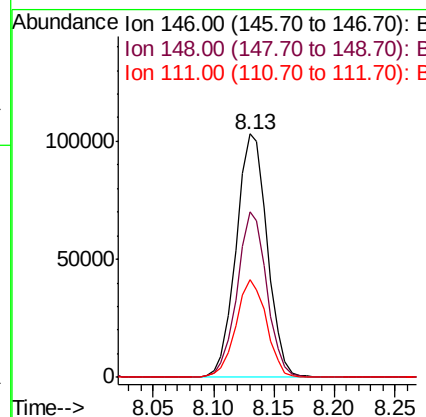
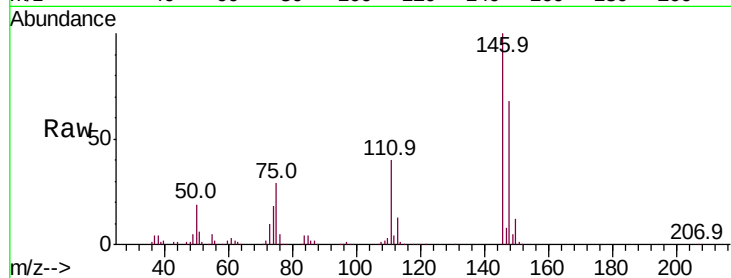
#13
1,4-Dichlorobenzene
Concen: 41.522 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampled :
PB114495BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.0	76.6
111	40.3	32.4	48.6

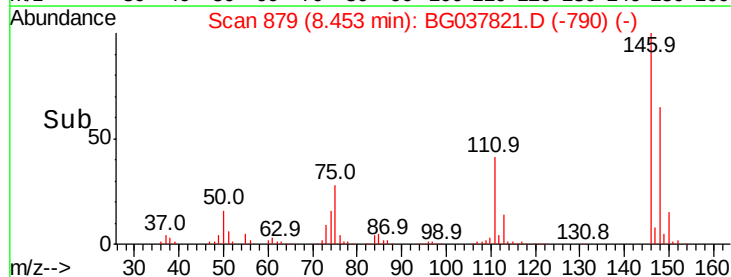
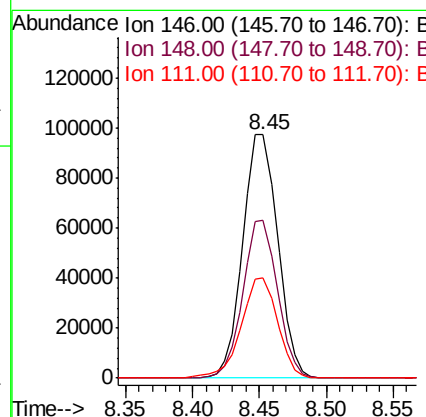
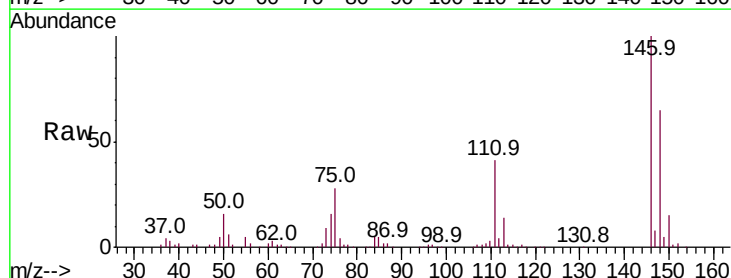
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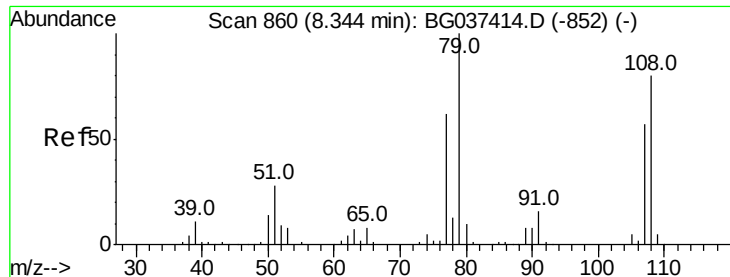
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#14
1,2-Dichlorobenzene
Concen: 41.472 ng
RT: 8.45 min Scan# 879
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
111	41.1	34.6	51.8





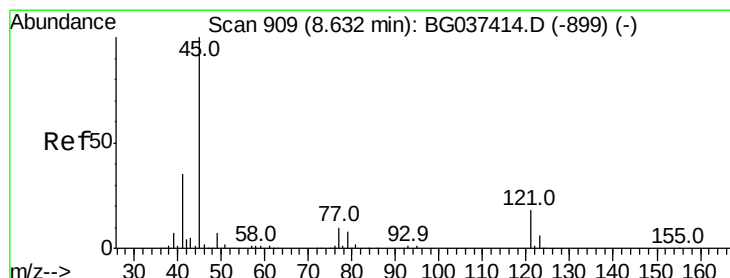
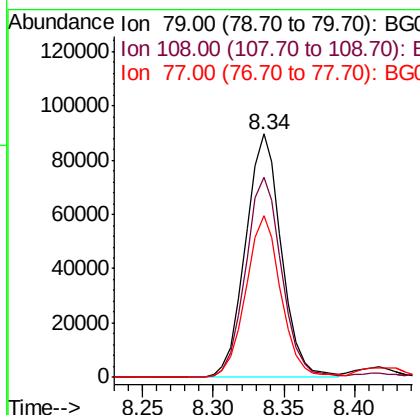
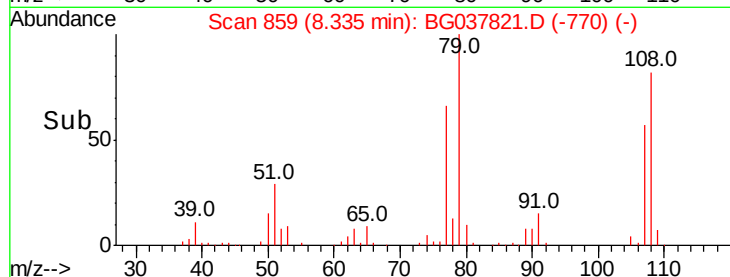
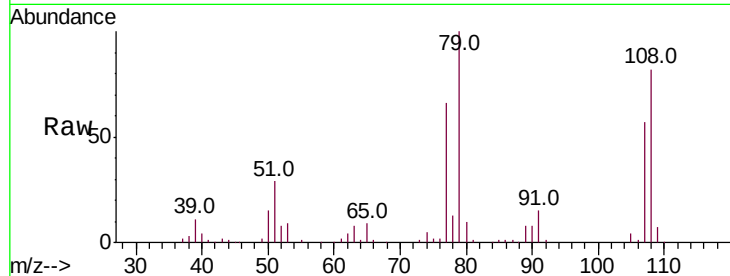
#15
Benzyl Alcohol
Concen: 42.815 ng
RT: 8.34 min Scan# 859
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	65.8	98.8
77	66.2	52.9	79.3

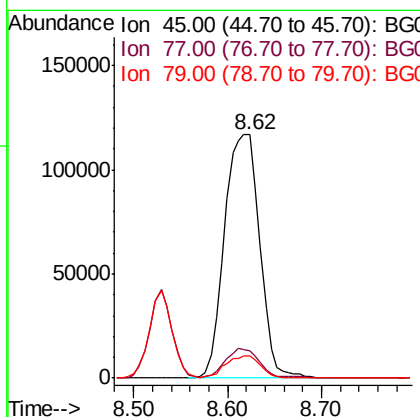
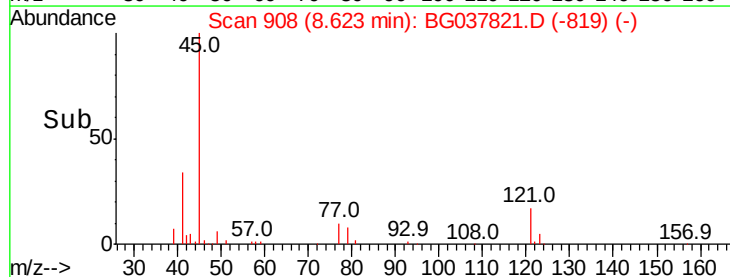
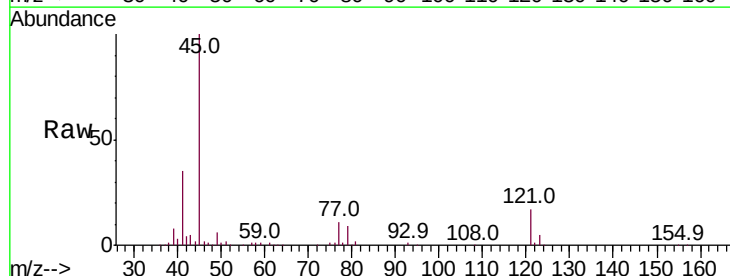
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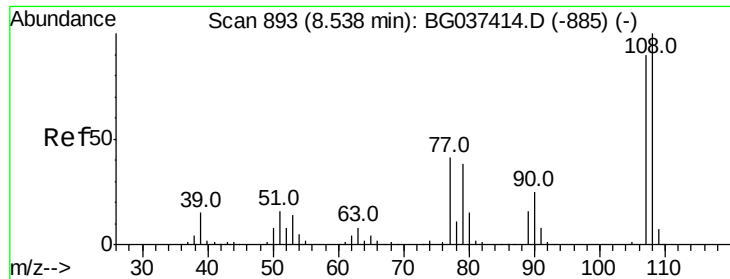
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.016 ng
RT: 8.62 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.0
79	8.9	0.0	29.0





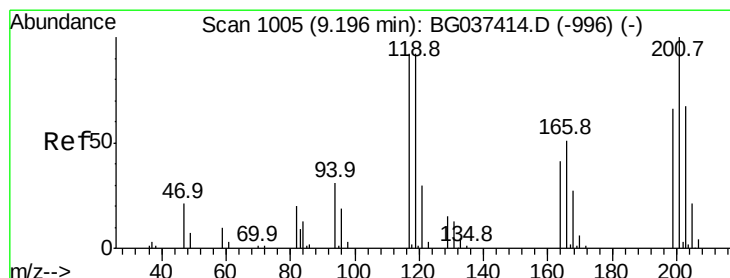
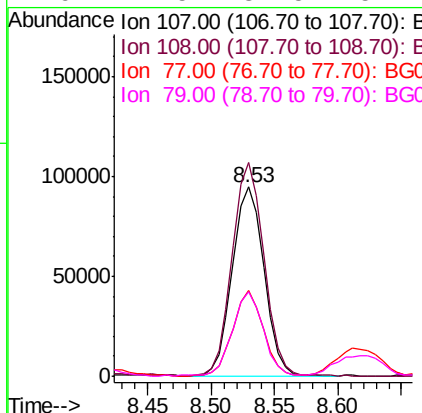
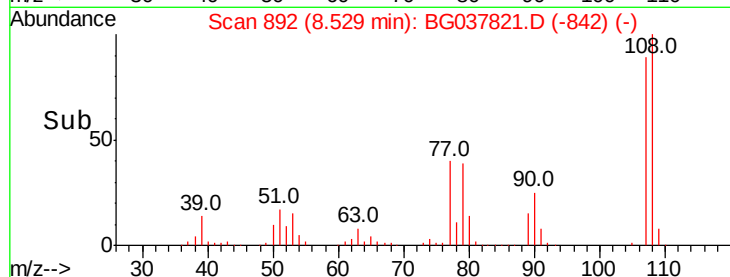
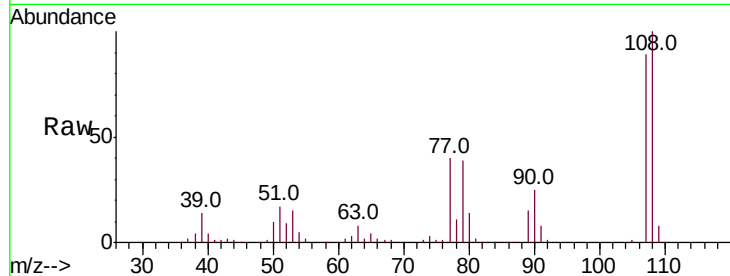
#17
2-Methylphenol
Concen: 47.177 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	87.9	131.9	
77	45.1	35.1	52.7	
79	44.5	34.5	51.7	

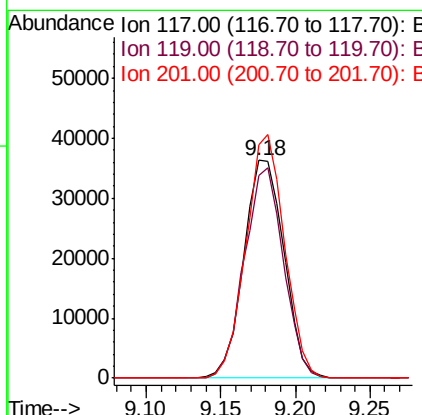
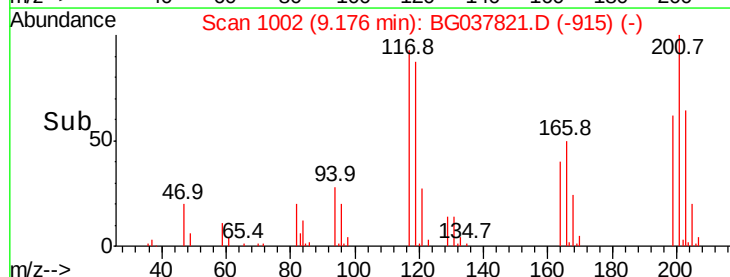
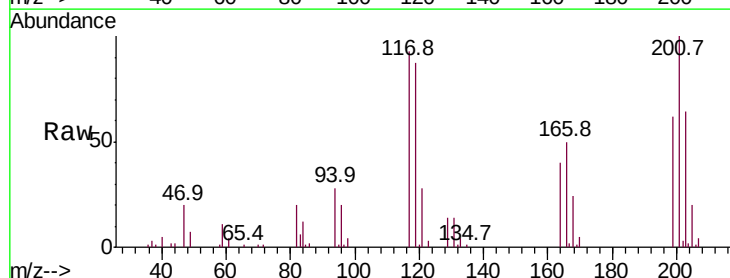
Manual Integrations
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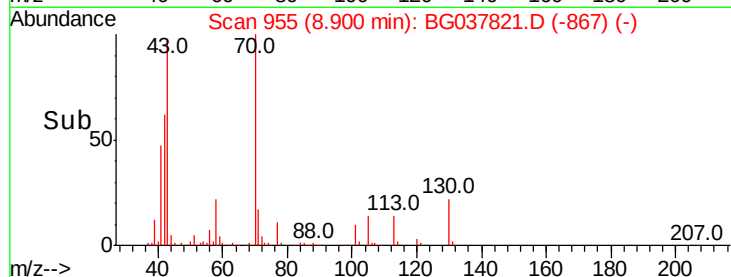
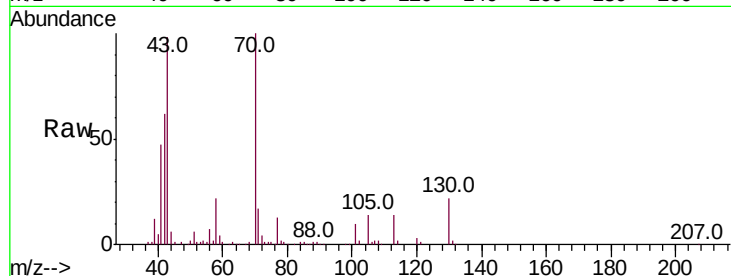
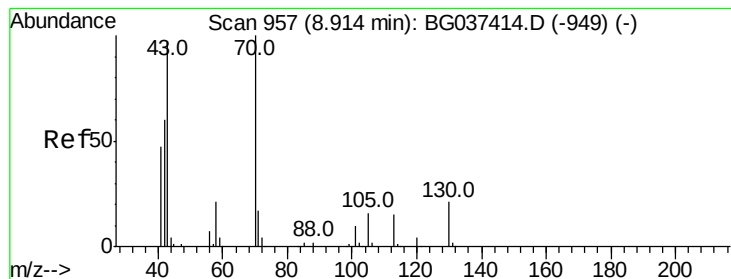
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#18
Hexachloroethane
Concen: 44.656 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	74.6	111.8	
201	107.2	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 38.983 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

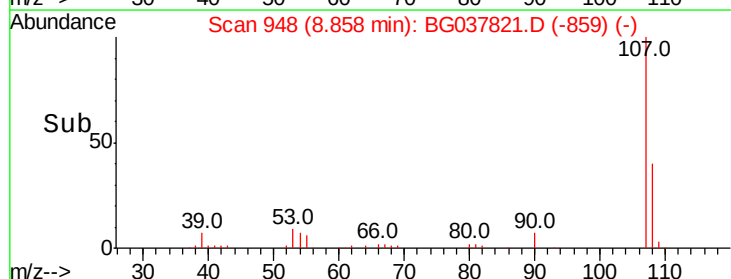
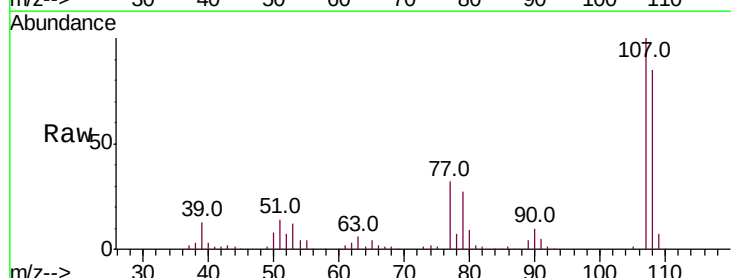
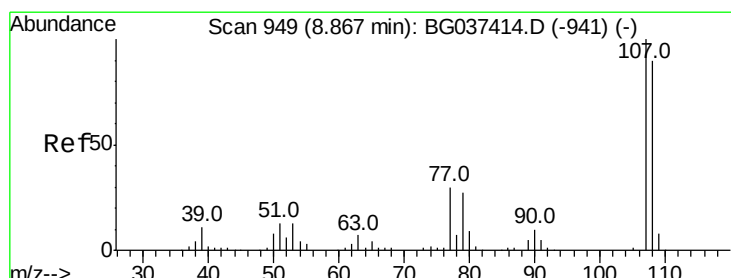
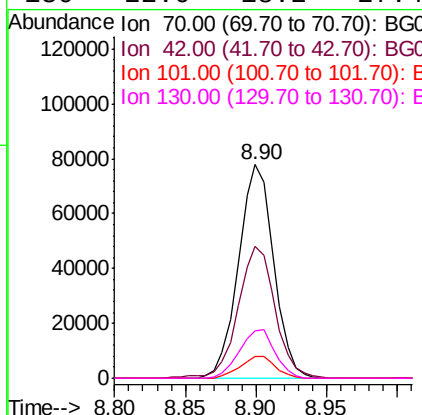
ClientSampleId :

PB114495BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.0	53.9	80.9	
101	10.5	8.2	12.2	
130	22.0	18.2	27.4	

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#20

3+4-Methylphenols

Concen: 45.322 ng

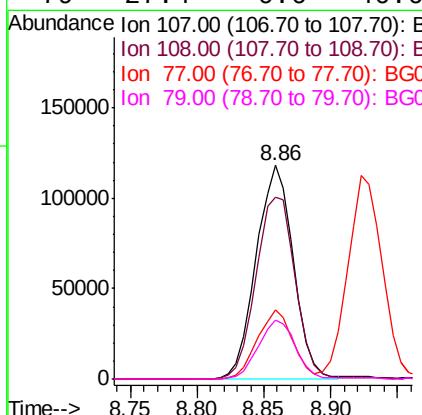
RT: 8.86 min Scan# 948

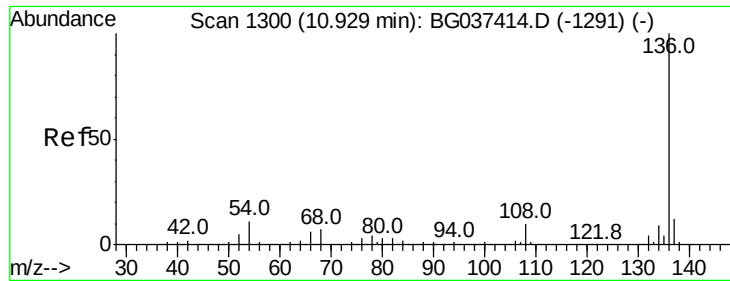
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	69.9	109.9	
77	32.2	11.2	51.2	
79	27.4	6.6	46.6	





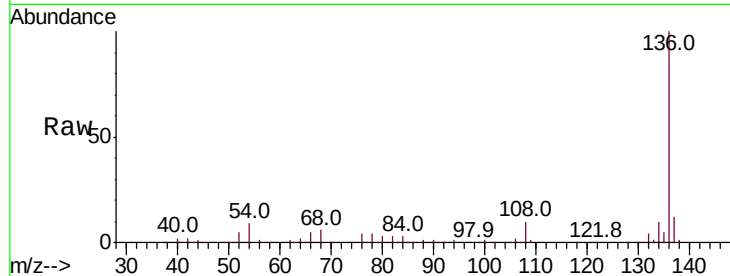
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	242950		
137	11.6		9.6	14.4
54	8.7		7.9	11.9
68	6.0		4.8	7.2

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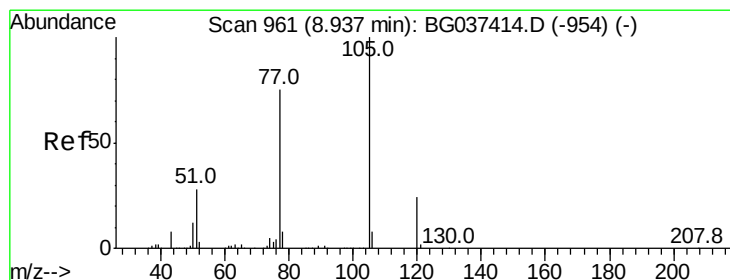
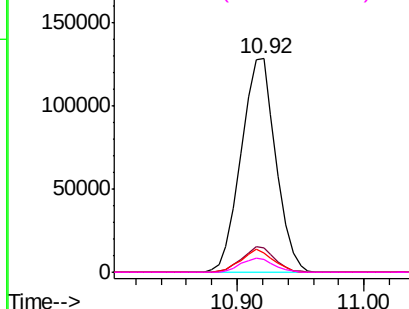
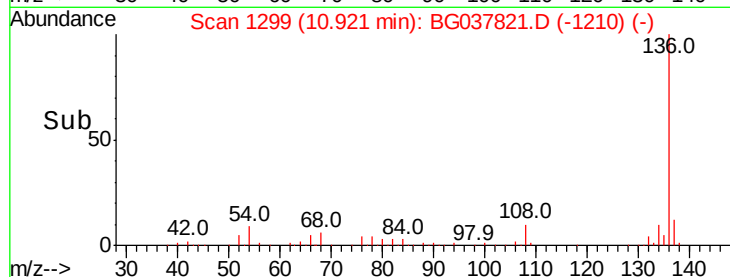
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

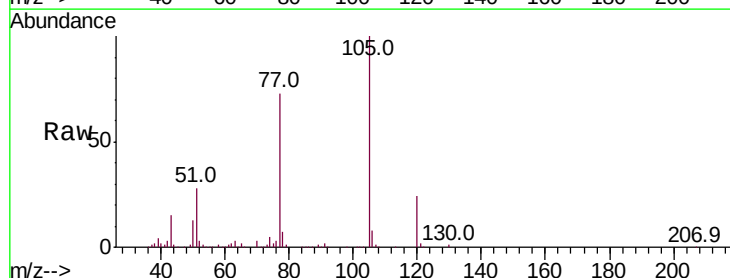
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.382 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	264330		
71	0.5		1.2	1.8#
51	28.0		25.0	37.6
120	24.1		18.6	28.0



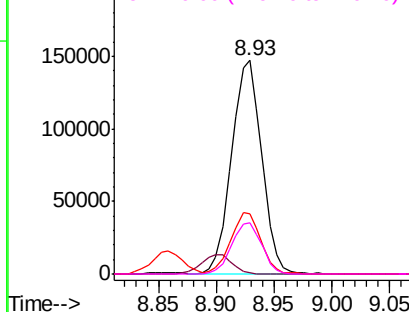
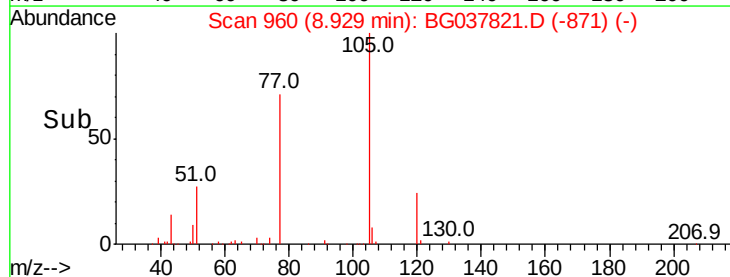
Abundance

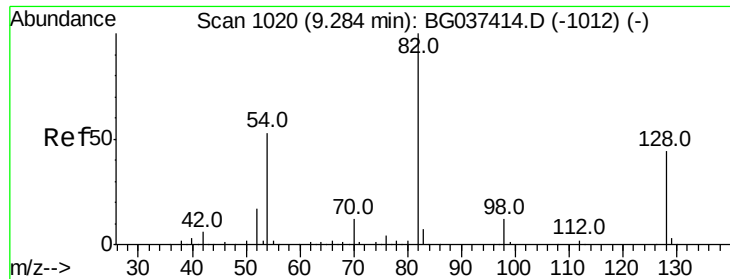
Ion 105.00 (104.70 to 105.70): E

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





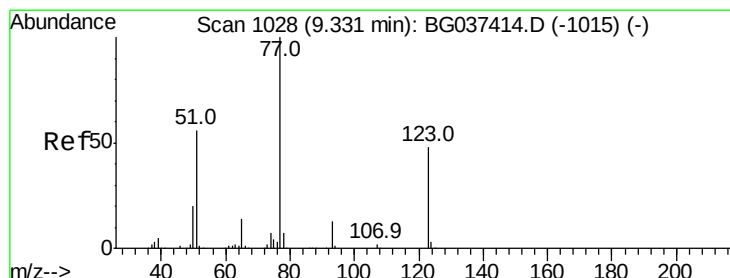
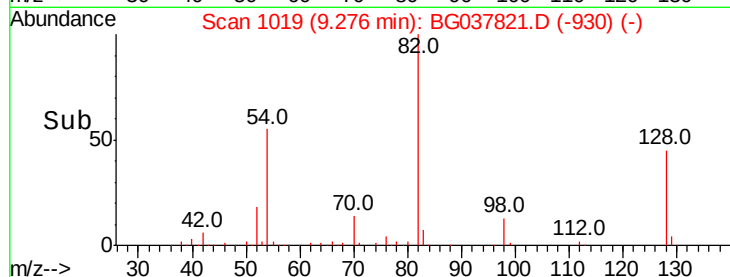
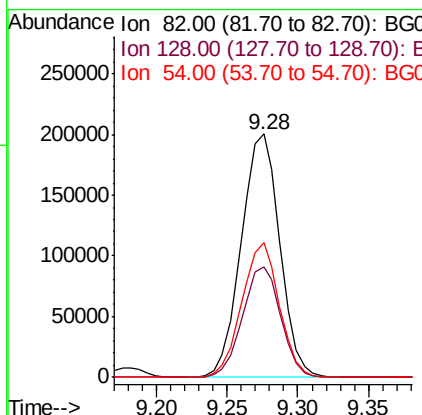
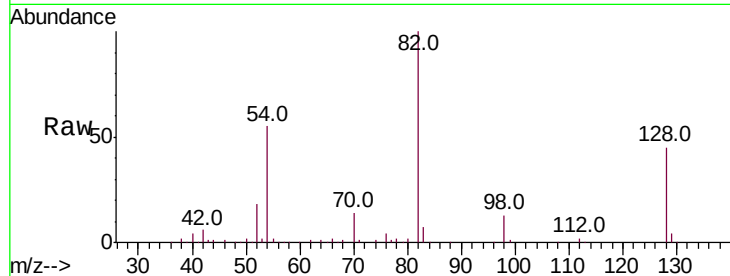
#23
Nitrobenzene-d5
Concen: 88.368 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampled :
PB114495BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	51.8
54	55.4	45.3	67.9

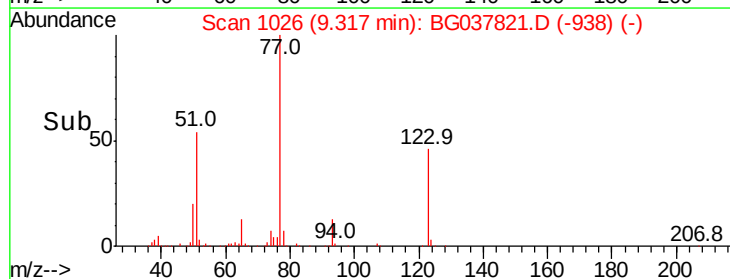
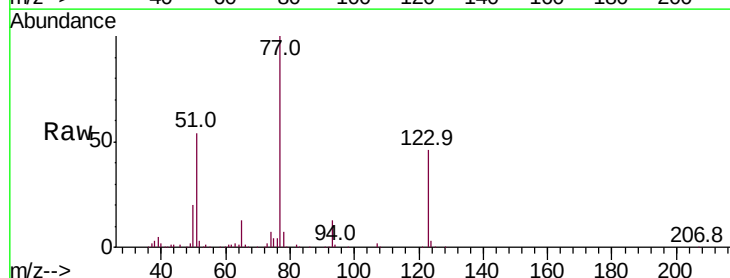
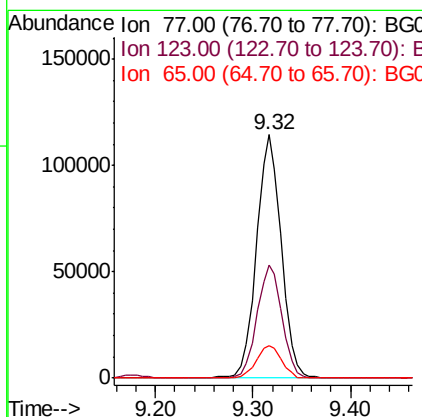
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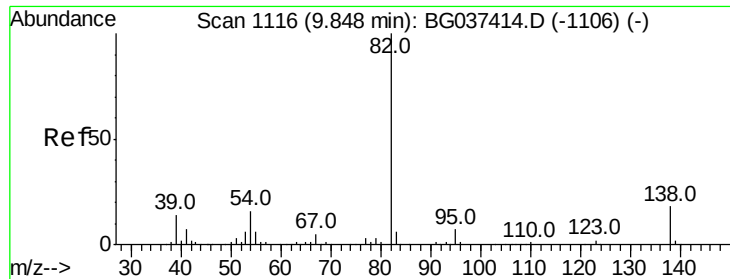
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#24
Nitrobenzene
Concen: 45.268 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	33.6	50.4
65	13.1	11.3	16.9





#25

Isophorone

Concen: 49.121 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

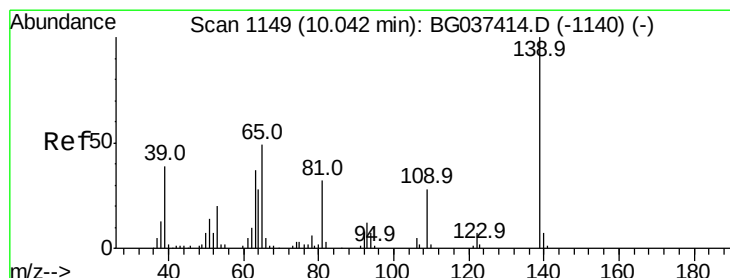
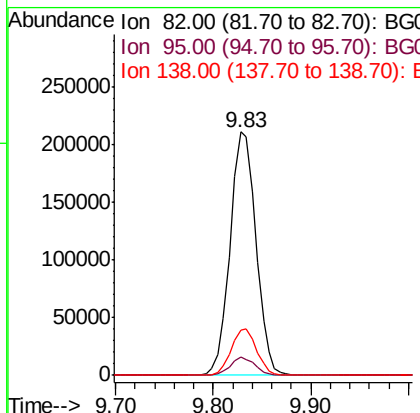
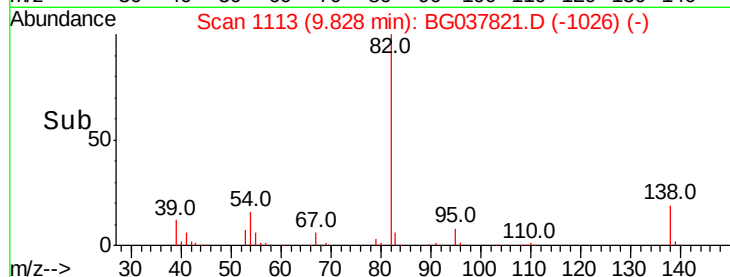
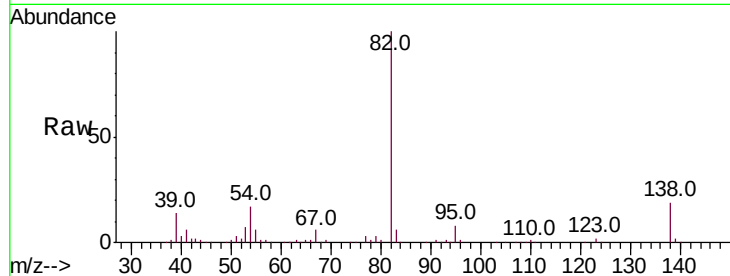
ClientSampleId :

PB114495BS

Tot Ion:	82	Resp:	389246
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.3	7.9
138	18.5	13.3	19.9

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#26

2-Nitrophenol

Concen: 52.023 ng

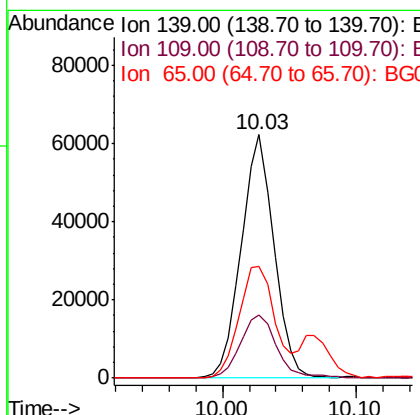
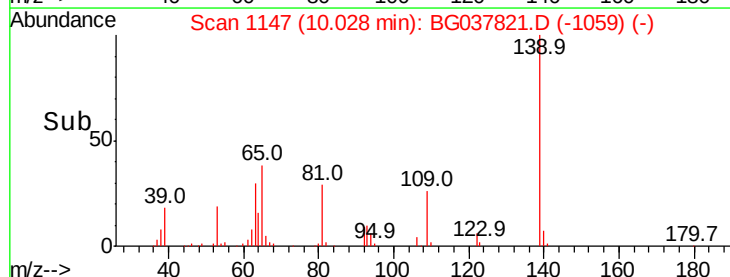
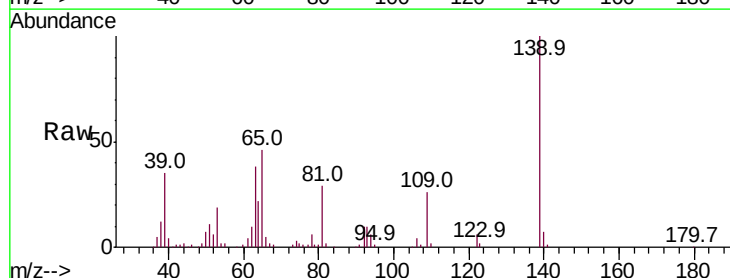
RT: 10.03 min Scan# 1147

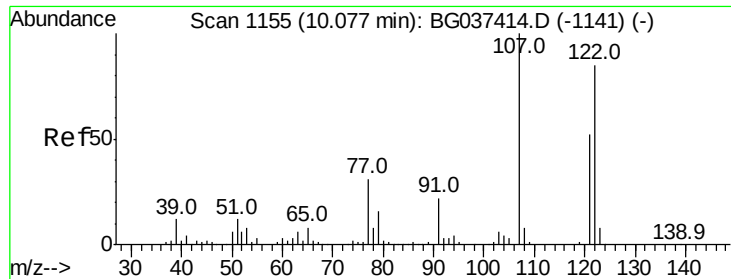
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion:	139	Resp:	105589
Ion Ratio	Lower	Upper	
139	100		
109	25.9	23.3	34.9
65	45.7	39.8	59.8





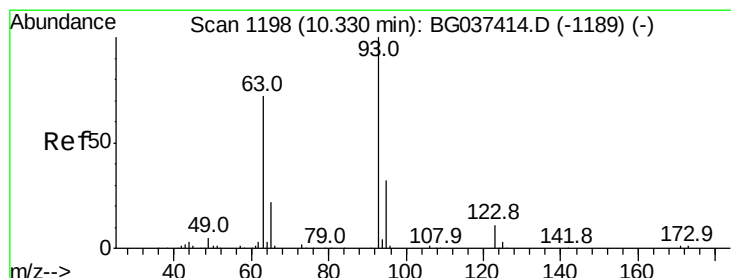
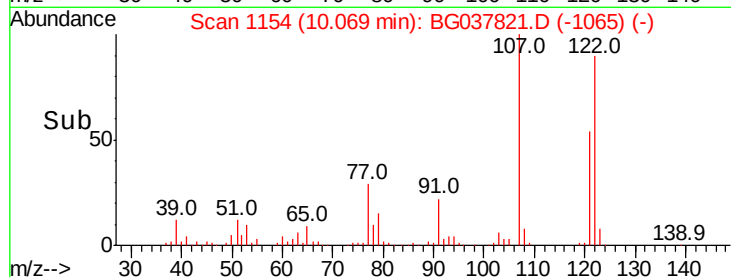
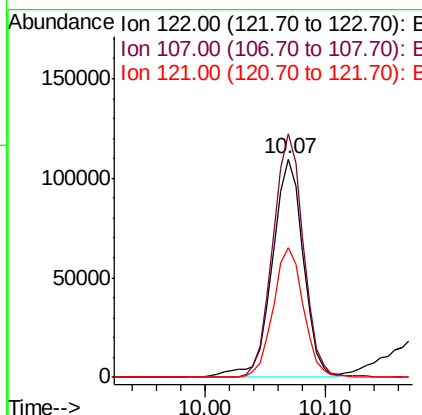
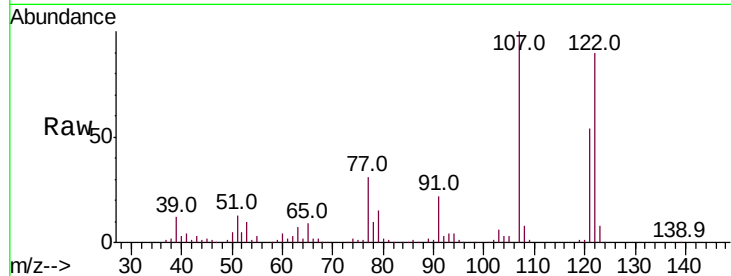
#27
 2,4-Dimethylphenol
 Concen: 53.695 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	94.2	141.2
121	59.7	47.3	70.9

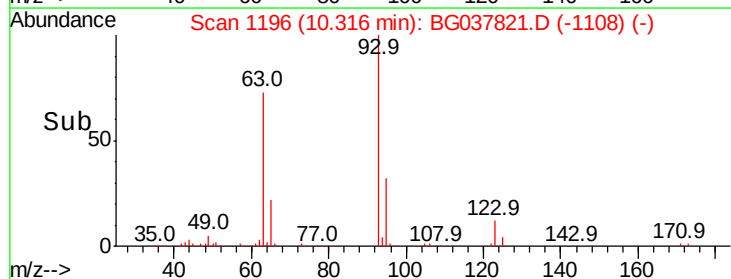
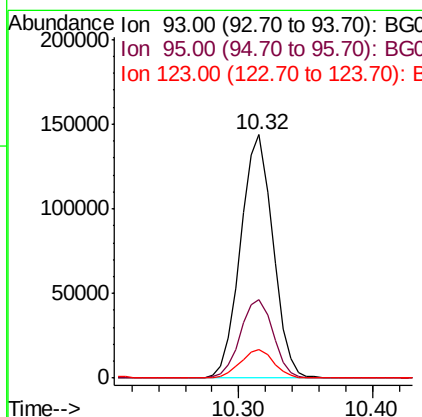
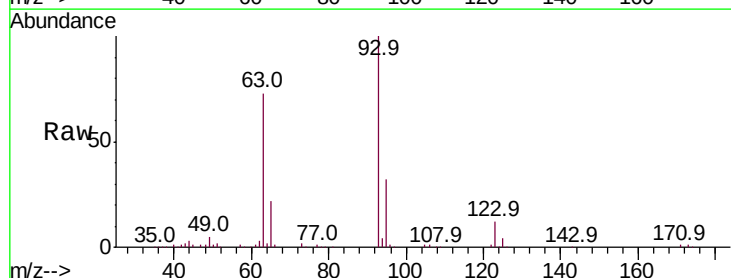
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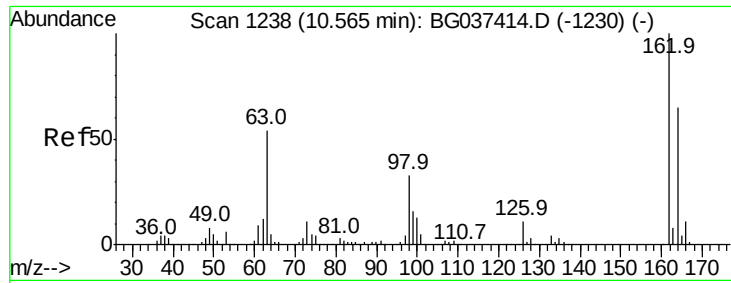
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.515 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	37.0
123	11.7	9.1	13.7





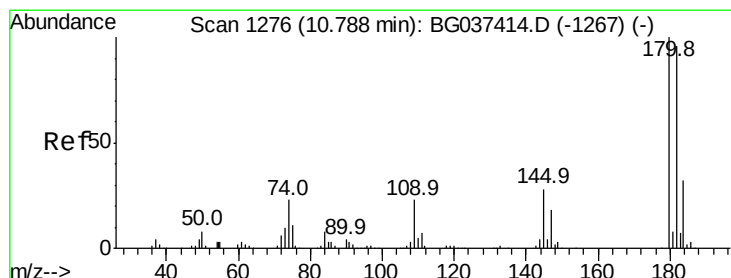
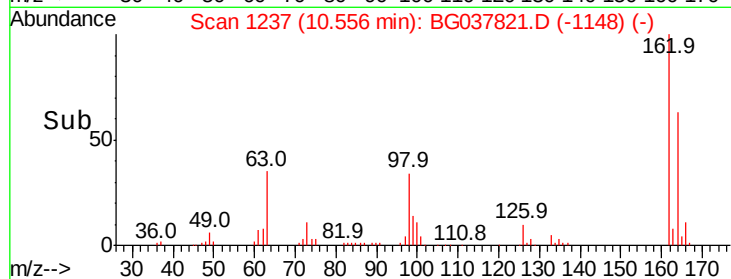
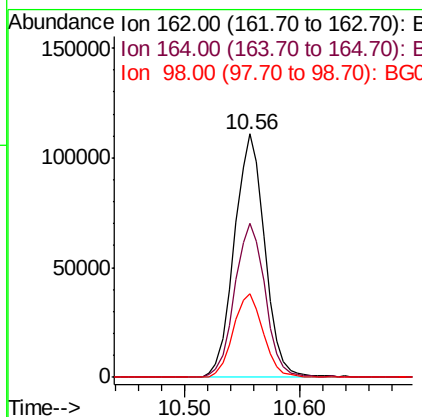
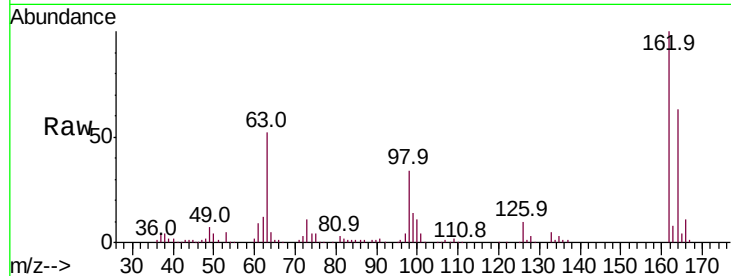
#29
 2,4-Dichlorophenol
 Concen: 50.038 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampled :
 PB114495BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	43.2	83.2
98	34.4	16.0	56.0

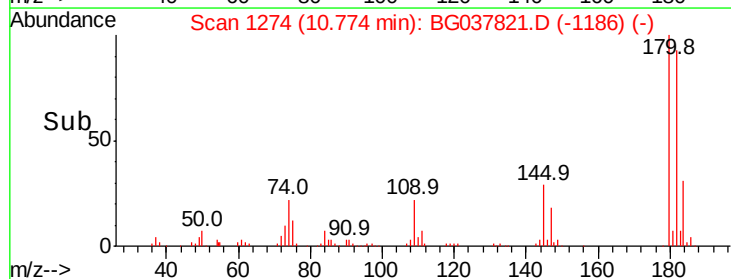
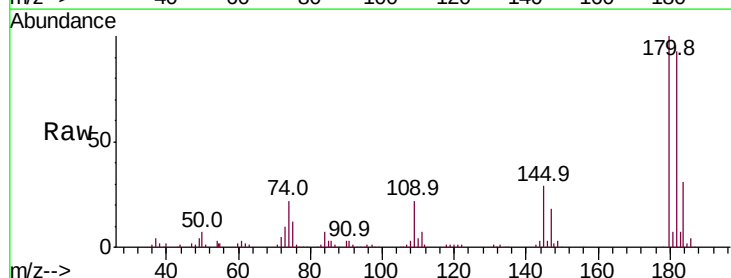
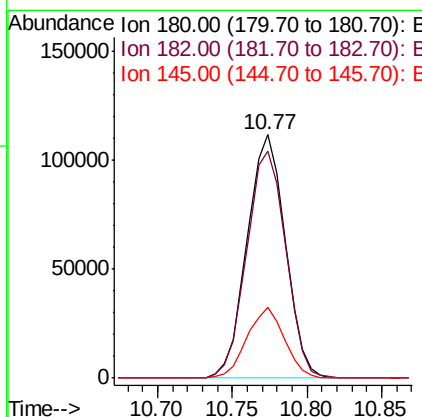
Manual Integrations
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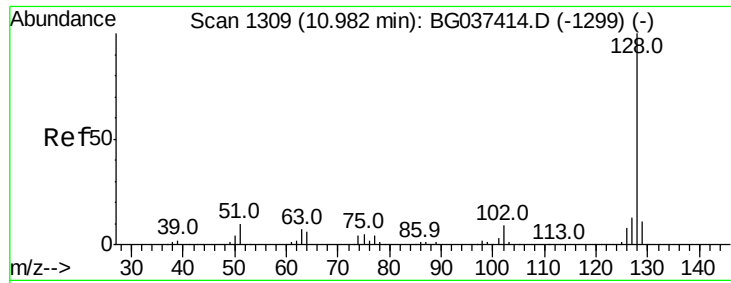
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.064 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.4	77.7	116.5
145	29.3	23.3	34.9





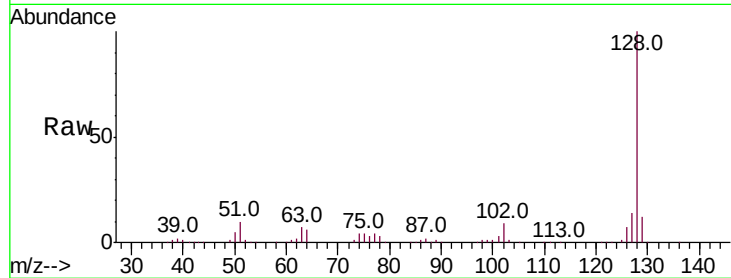
#31
Naphthalene
Concen: 48.555 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.9	11.1	16.7

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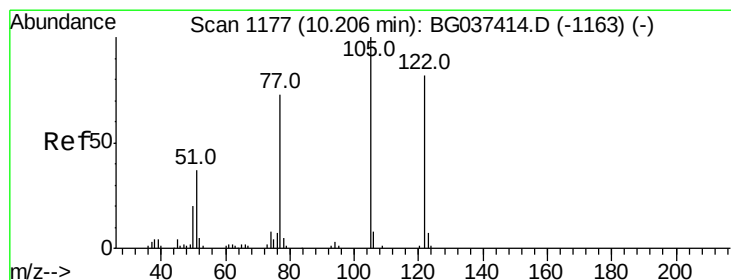
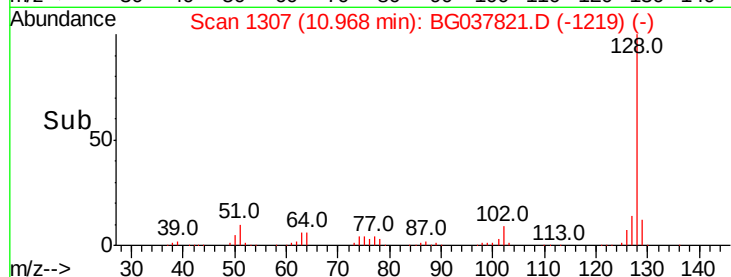
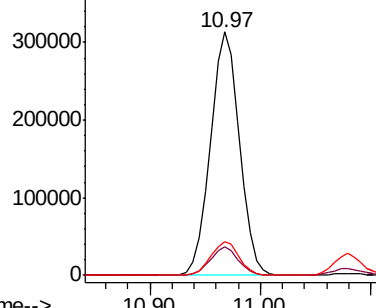


Abundance

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: 40.272 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

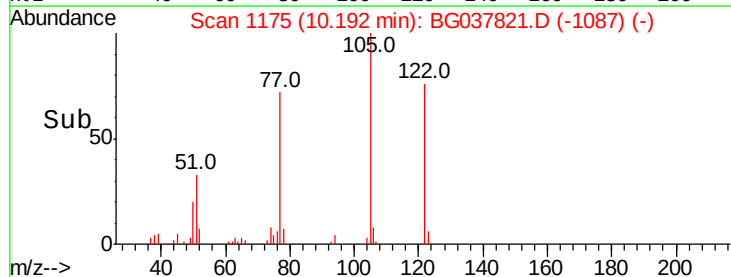
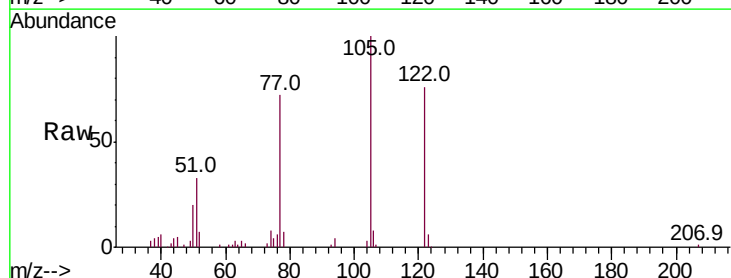
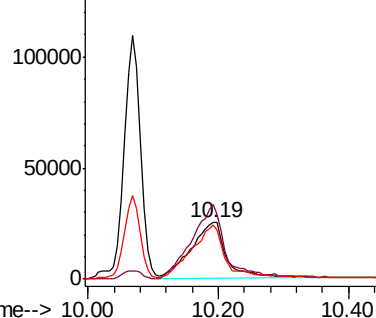
Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	106.7	146.7
77	95.7	72.2	112.2

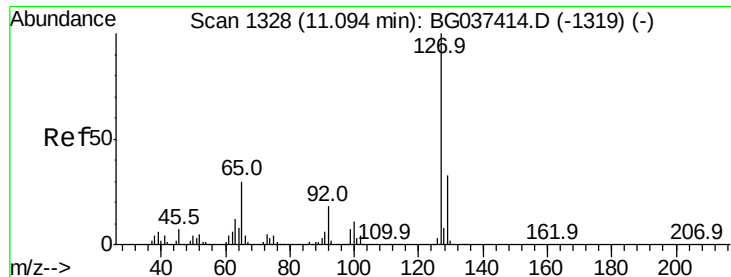
Abundance

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





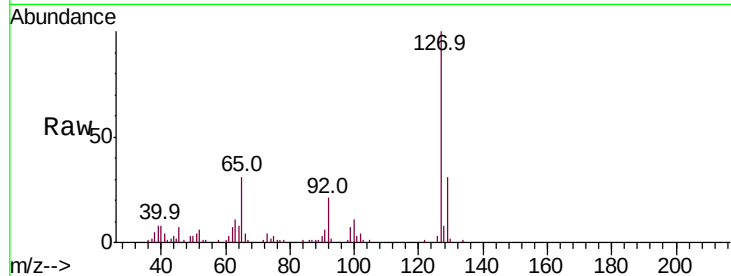
#33
4-Chloroaniline
Concen: 9.063 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	27.1	40.7	
65	30.9	26.6	39.8	
92	20.7	16.4	24.6	

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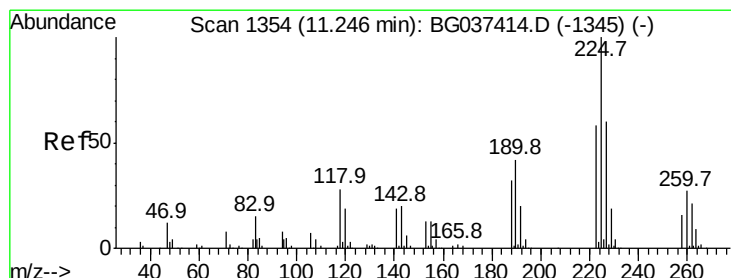
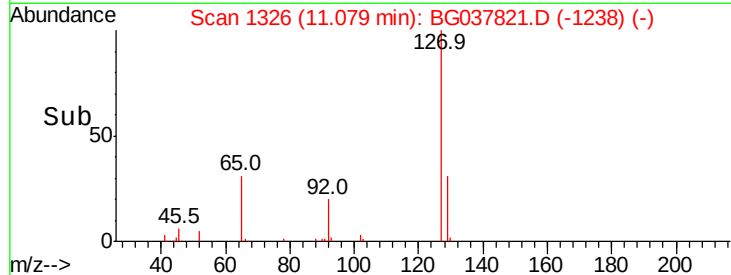
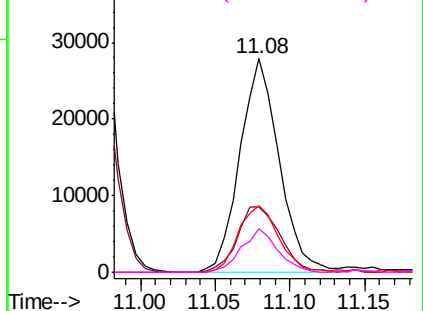
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

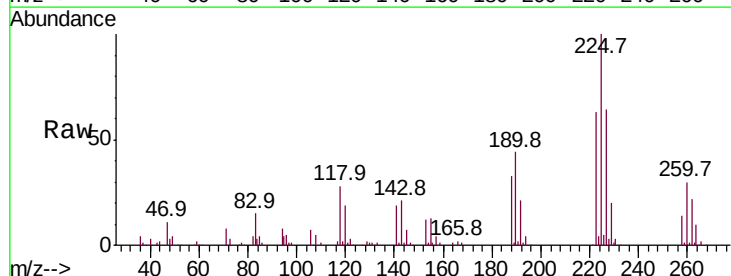
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 45.118 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	48.2	72.4	
227	63.5	51.6	77.4	

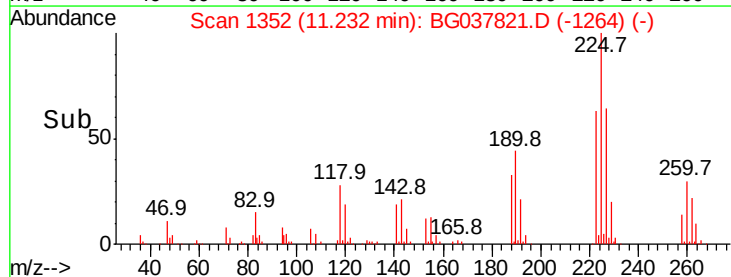
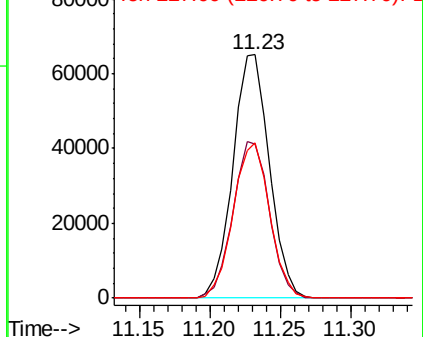


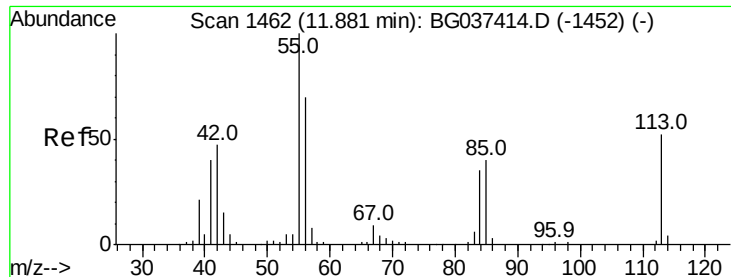
Abundance

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





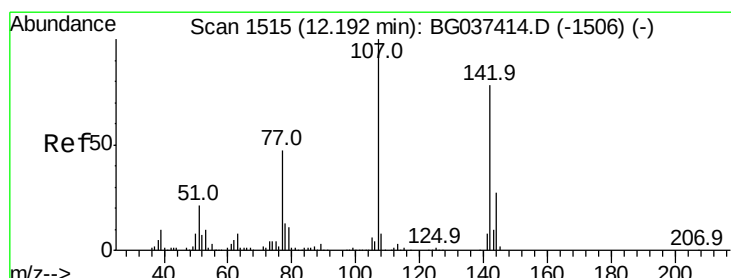
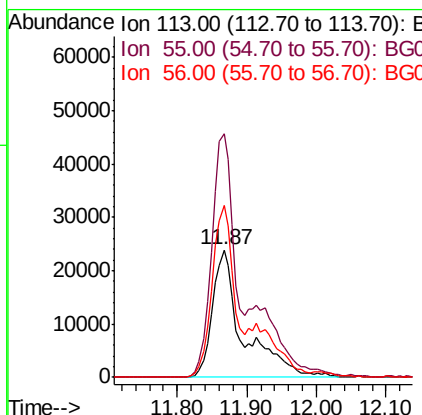
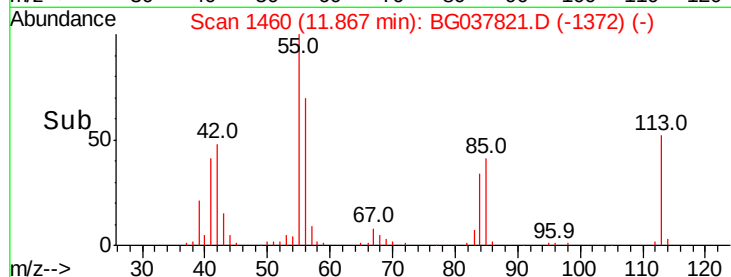
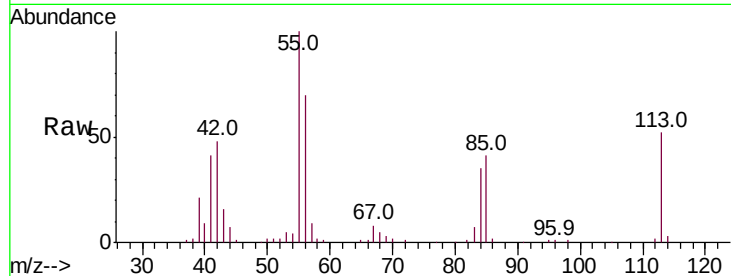
#35
 Caprolactam
 Concen: 45.153 ng/ml
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleID :
 PB114495BS

Tot Ion:113 Resp: 73069
 Ion Ratio Lower Upper
 113 100
 55 190.7 176.6 216.6
 56 134.4 128.3 168.3

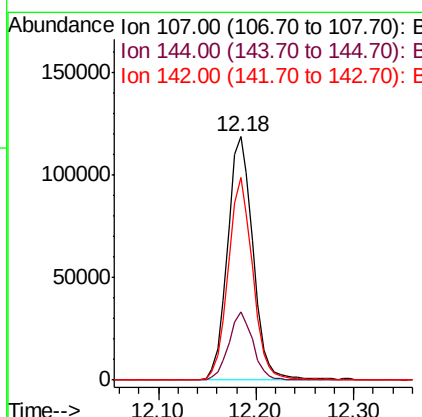
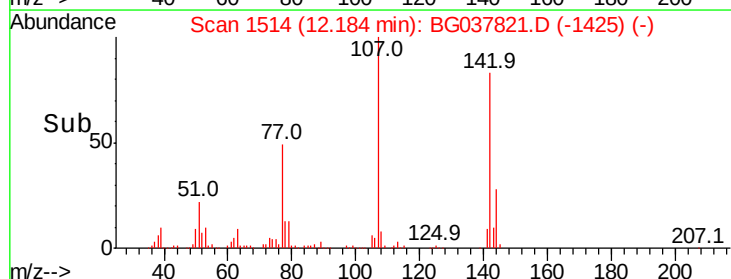
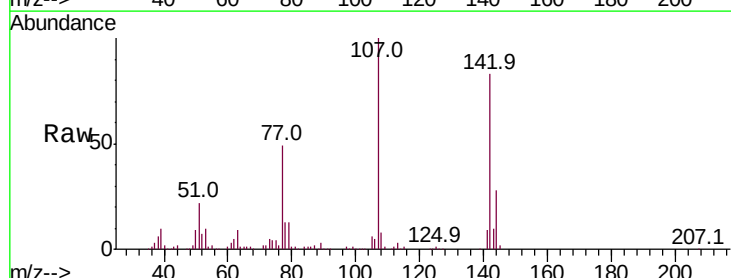
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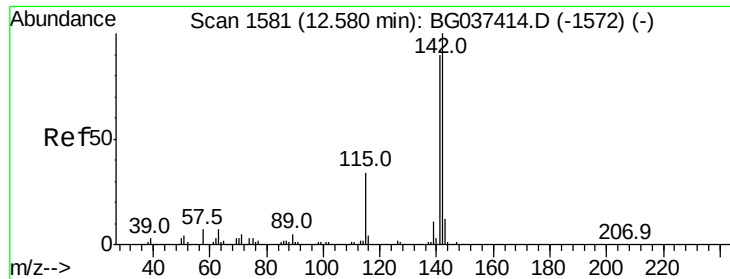
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#36
 4-Chloro-3-methylphenol
 Concen: 47.310 ng/ml
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion:107 Resp: 215282
 Ion Ratio Lower Upper
 107 100
 144 28.1 20.7 31.1
 142 83.4 64.4 96.6





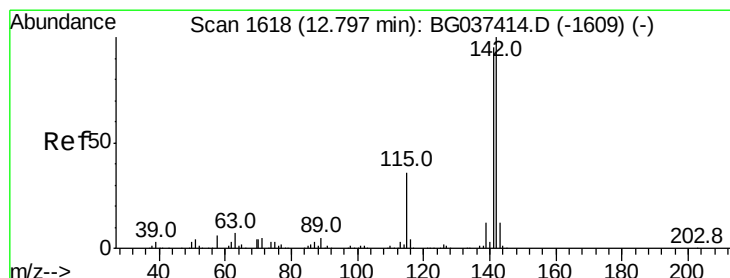
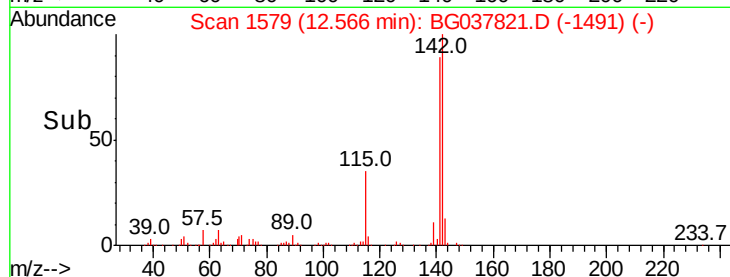
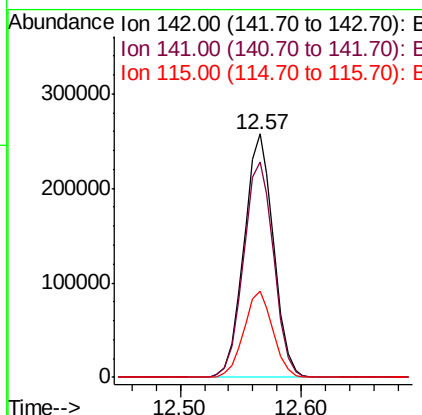
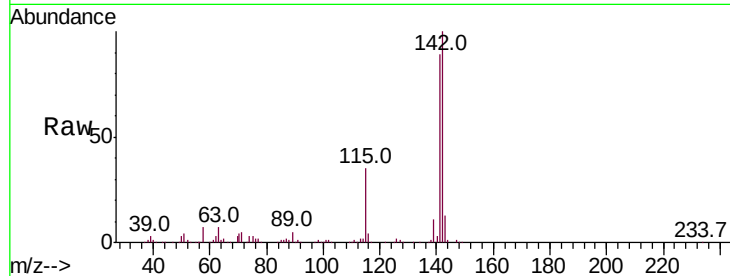
#37
2-Methylnaphthalene
Concen: 50.259 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	437190		
141	88.6	71.9	107.9	
115	35.3	27.8	41.8	

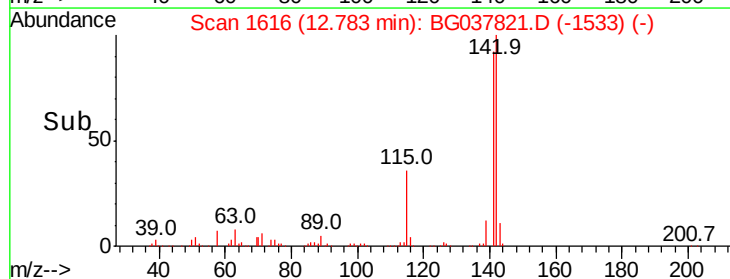
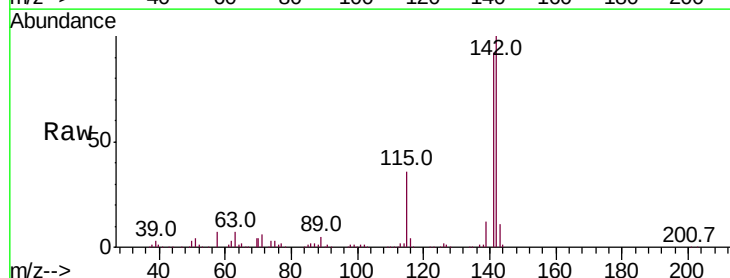
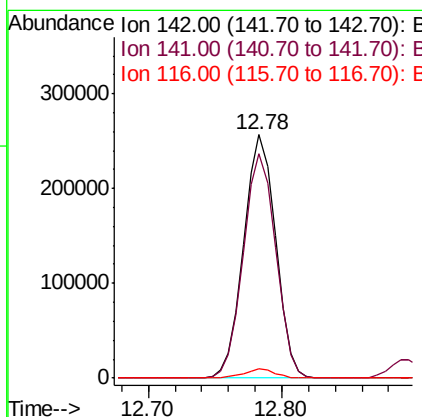
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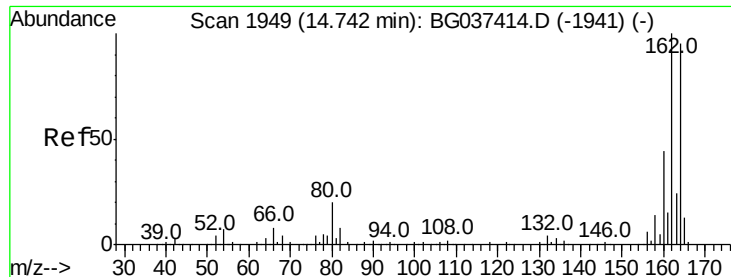
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#38
1-Methylnaphthalene
Concen: 50.299 ng
RT: 12.78 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	424916		
141	92.0	75.2	112.8	
116	4.0	3.3	4.9	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

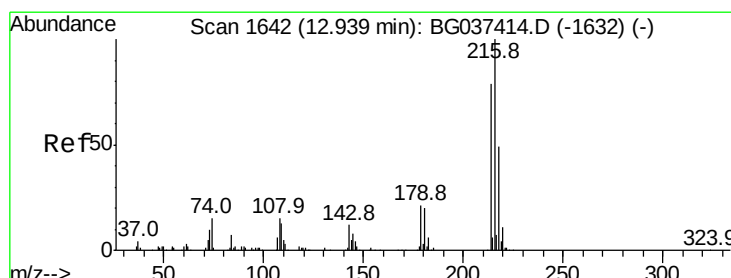
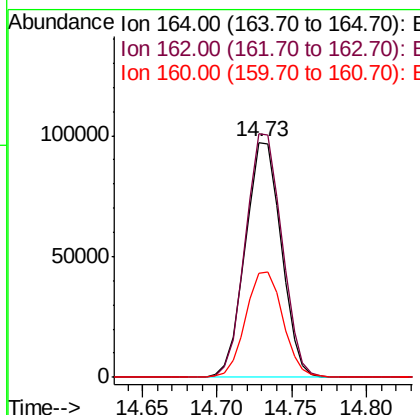
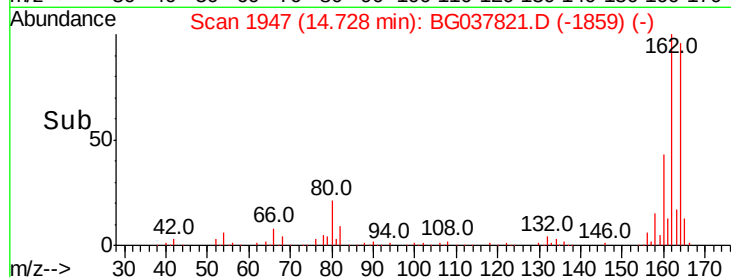
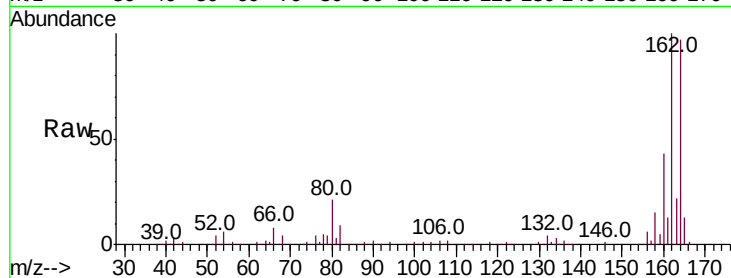
ClientSampled :

PB114495BS

Tot Ion:	164	Resp:	161929
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.3	121.9
160	44.5	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.850 ng

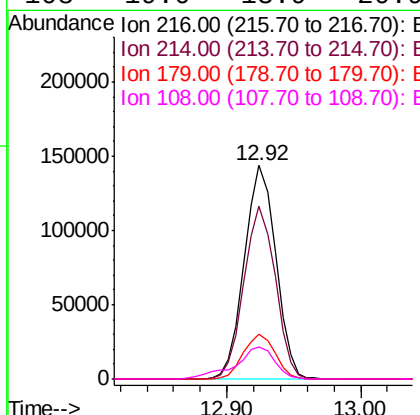
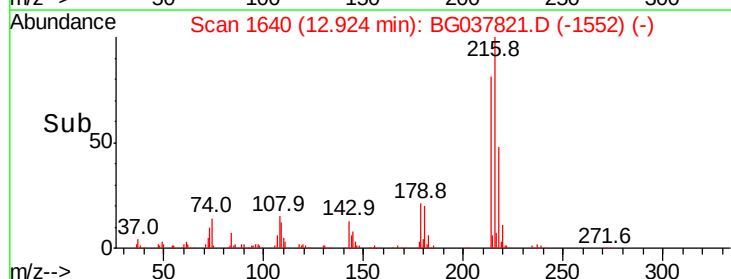
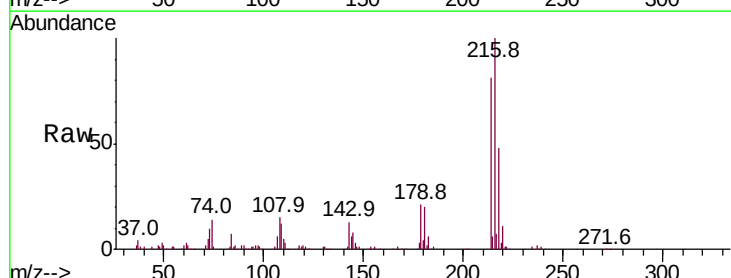
RT: 12.92 min Scan# 1640

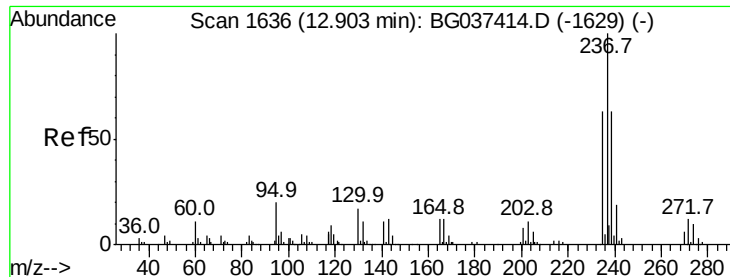
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion:	216	Resp:	234258
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.8	95.6
179	21.0	17.4	26.0
108	19.0	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 116.802 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

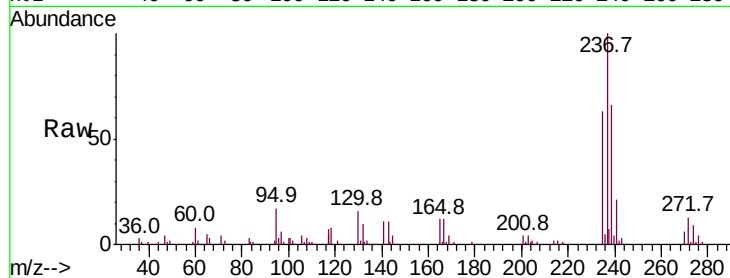
ClientSampleId :

PB114495BS

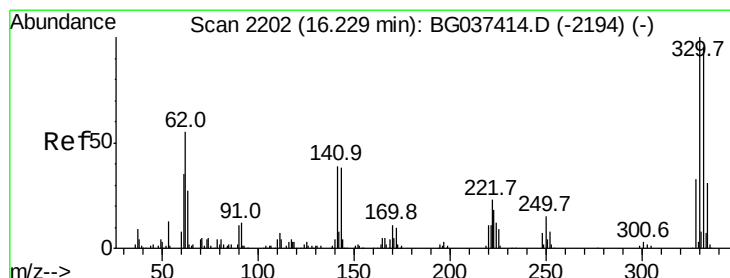
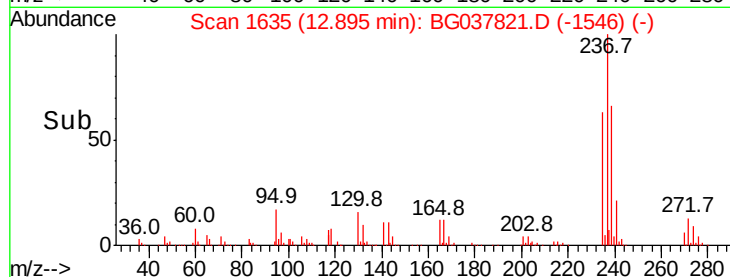
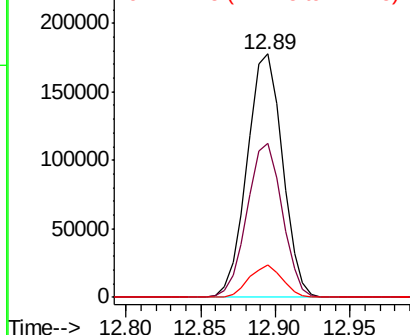
Tot Ion:	237	Resp:	291413
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.5	82.5
272	13.3	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 138.974 ng

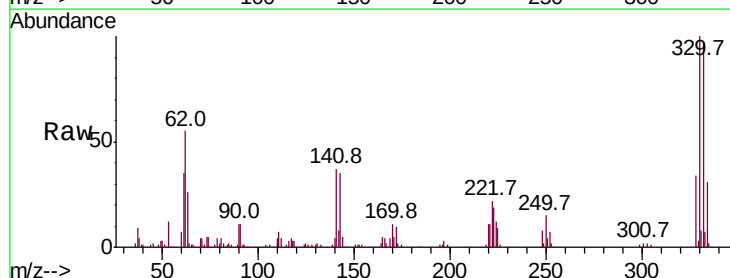
RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

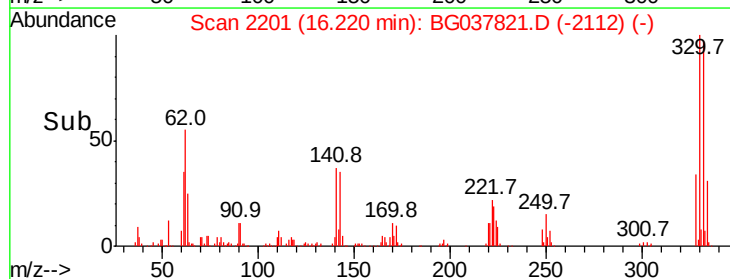
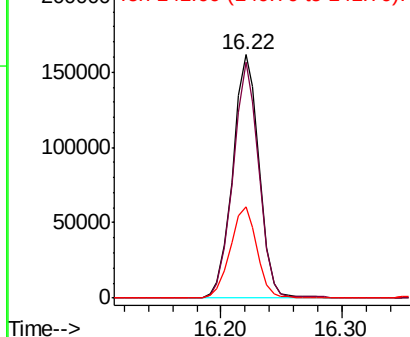
Lab File: BG037821.D

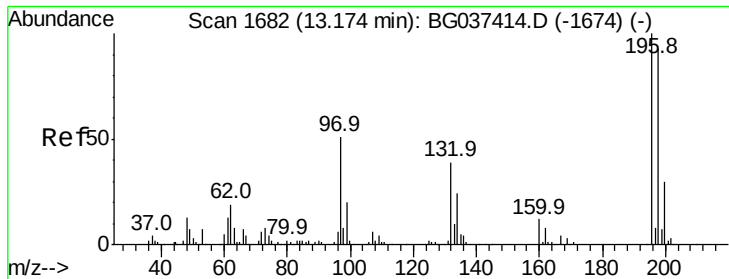
Acq: 6 Nov 2018 2:53

Tgt Ion:	330	Resp:	245448
Ion Ratio	Lower	Upper	
330	100		
332	95.3	78.4	117.6
141	37.8	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





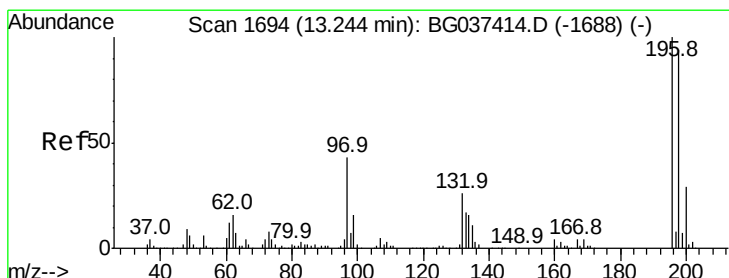
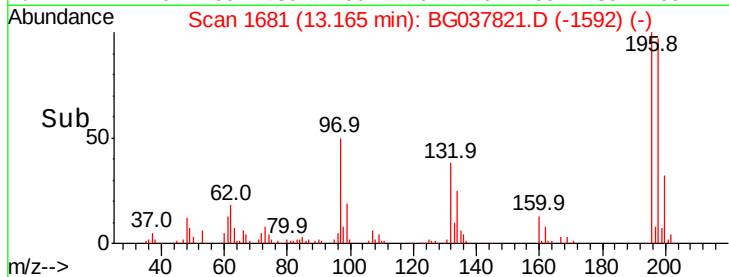
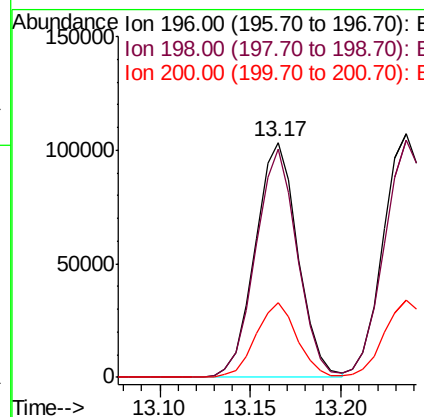
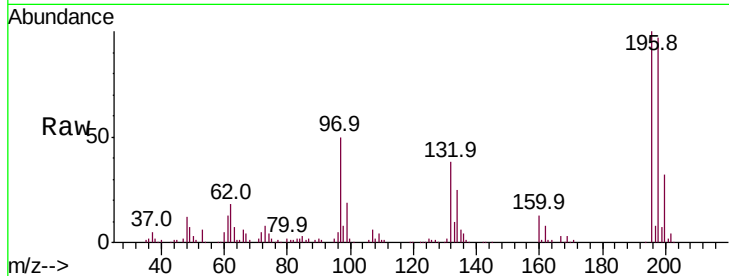
#43
 2,4,6-Trichlorophenol
 Concen: 48.717 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampled :
 PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	169995		
198	97.1	76.4	114.6	
200	32.0	24.9	37.3	

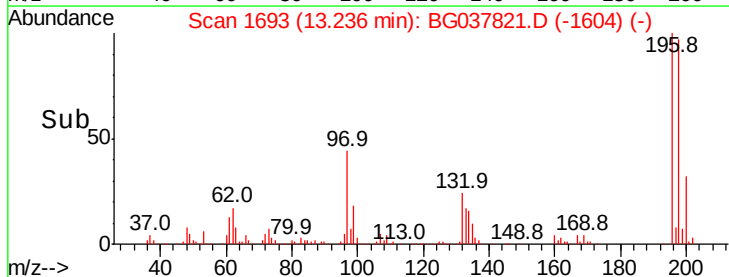
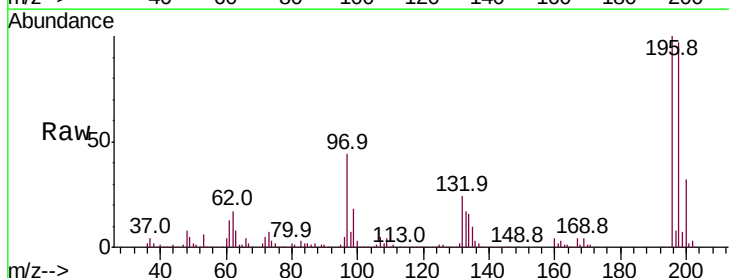
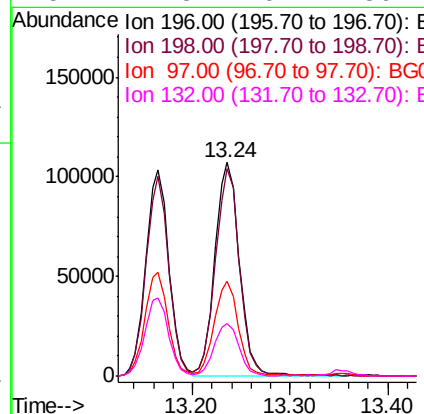
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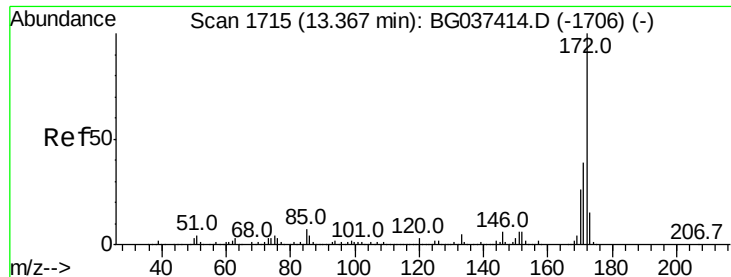
Sohil
 11/6/2018 1:21:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.800 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185403		
198	97.4	74.2	111.2	
97	44.2	34.1	51.1	
132	24.3	20.2	30.4	





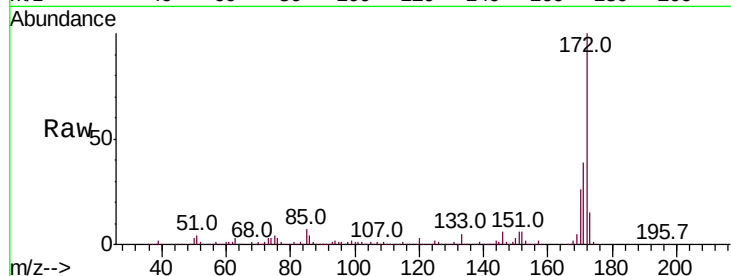
#45
2-Fluorobiphenyl
Concen: 88.088 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	39.0	31.0	46.4
170	26.0	20.2	30.2

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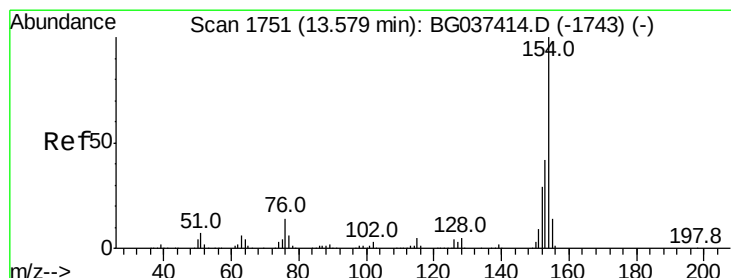
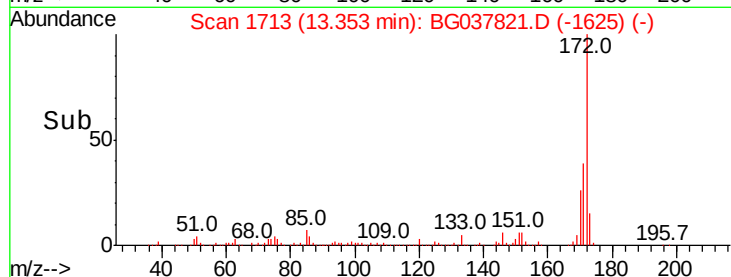
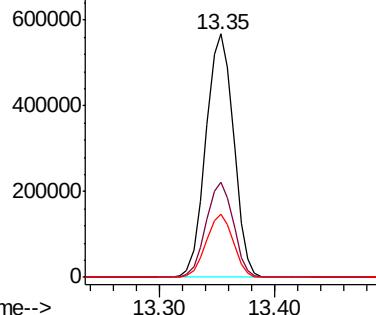


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.172 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

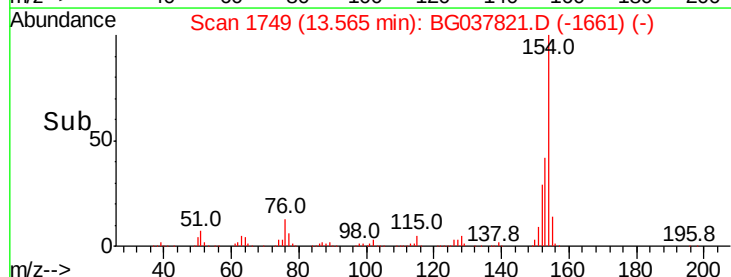
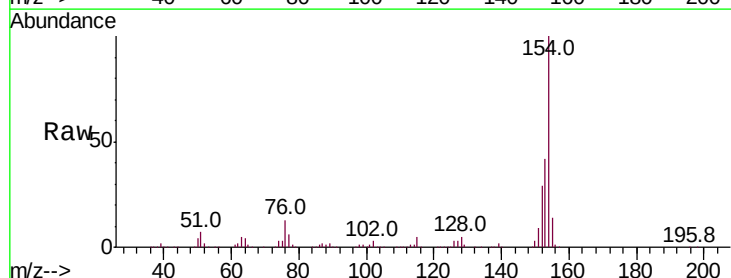
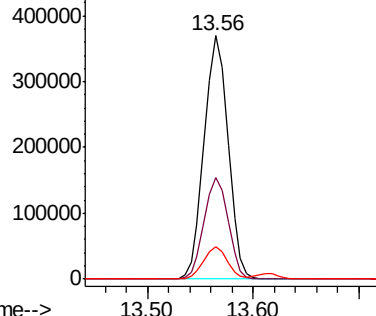
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	41.7	22.1	62.1
76	13.4	0.0	33.2

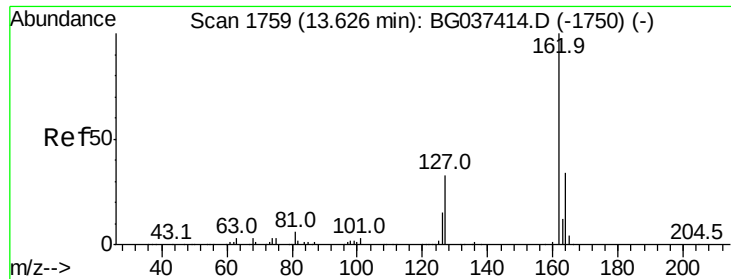
Abundance

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





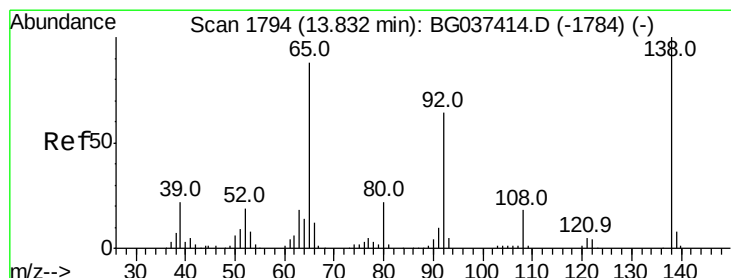
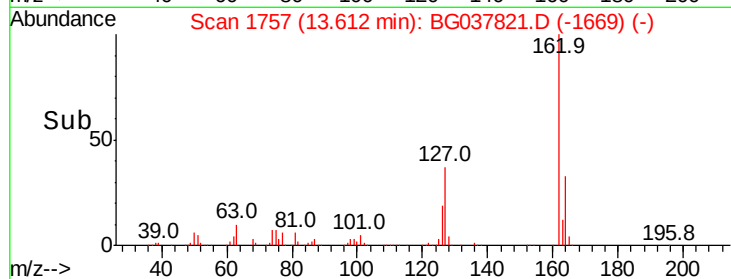
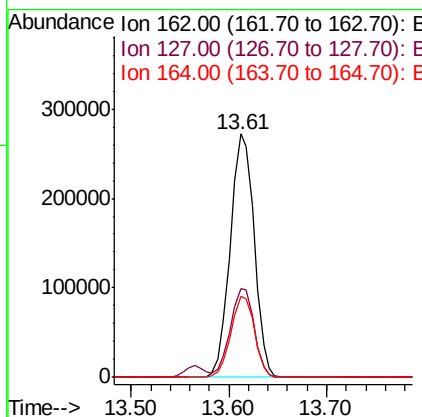
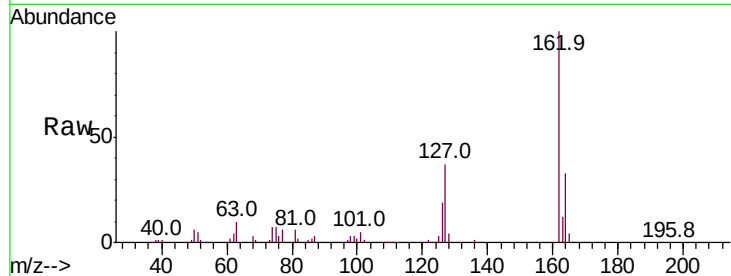
#47
2-Chloronaphthalene
Concen: 45.608 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.7	30.5	45.7	
164	33.3	26.4	39.6	

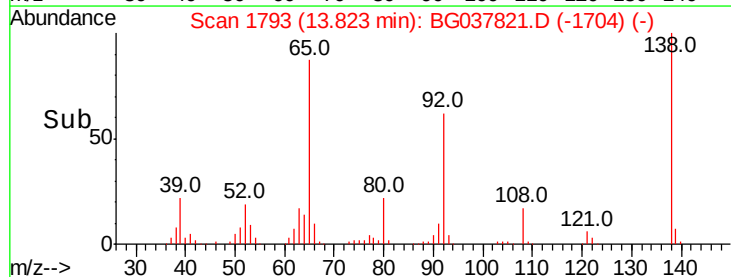
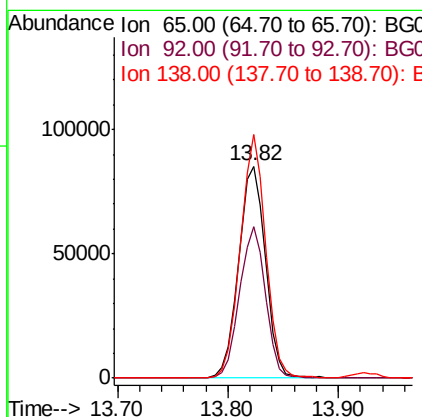
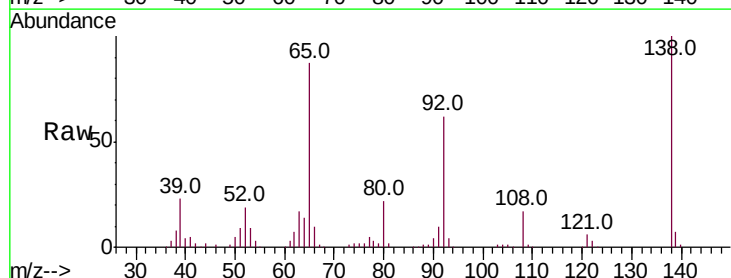
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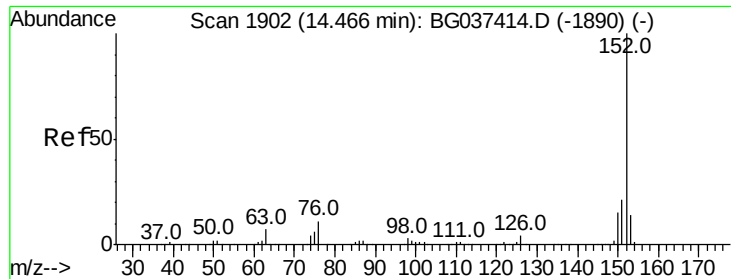
Sohil
11/6/2018 1:21:52 PM



#48
2-Nitroaniline
Concen: 47.521 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.1	53.2	79.8	
138	114.7	79.3	118.9	





#49

Acenaphthylene

Concen: 49.119 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

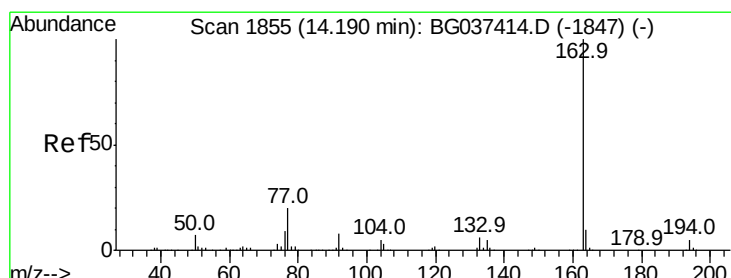
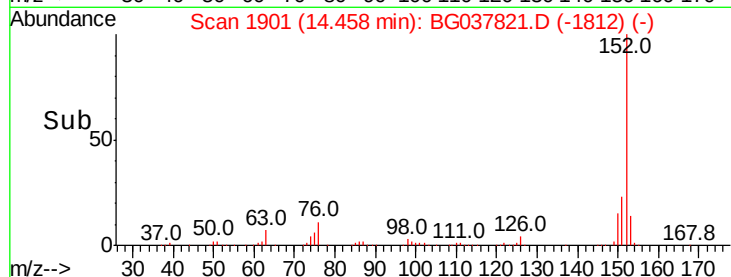
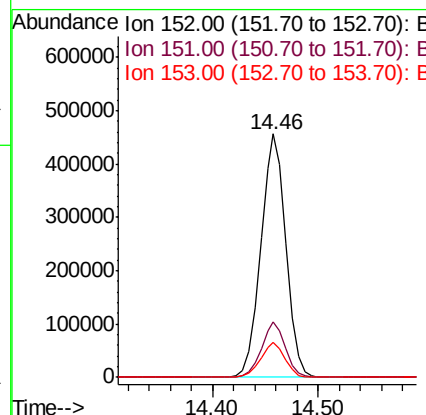
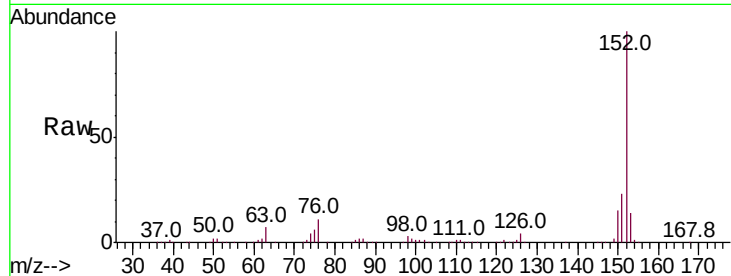
ClientSampleId :

PB114495BS

Tot Ion:	152	Resp:	749643
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.1	25.7
153	14.4	11.1	16.7

Manual Integrations
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11/6/2018 1:21:52 PM



#50

Dimethylphthalate

Concen: 46.355 ng

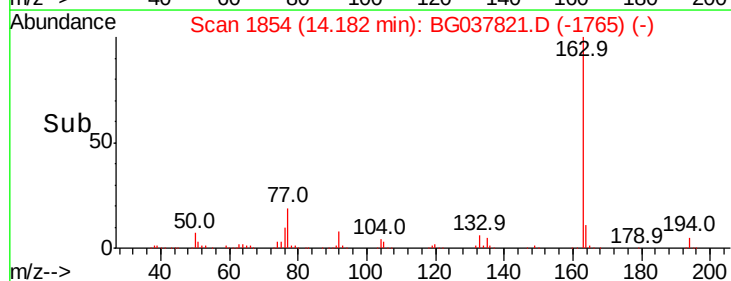
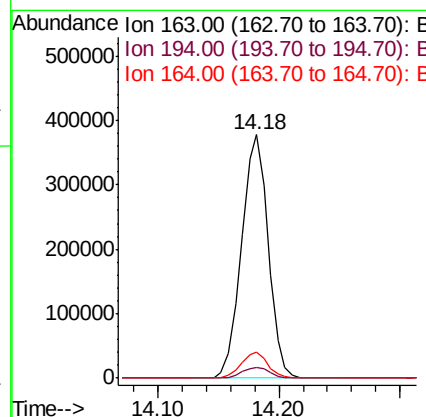
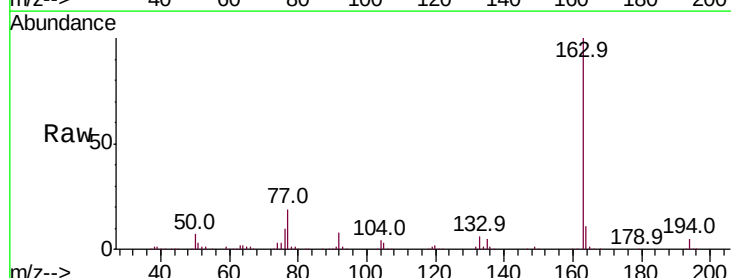
RT: 14.18 min Scan# 1854

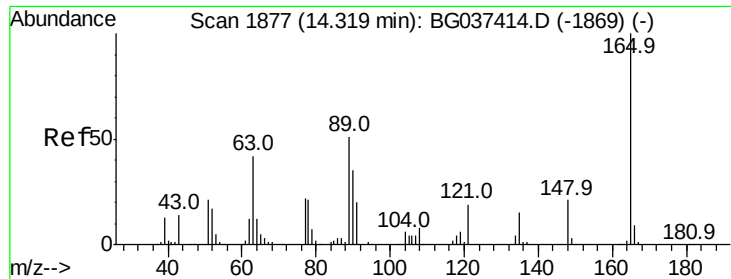
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion:	163	Resp:	580695
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.7	8.5	12.7





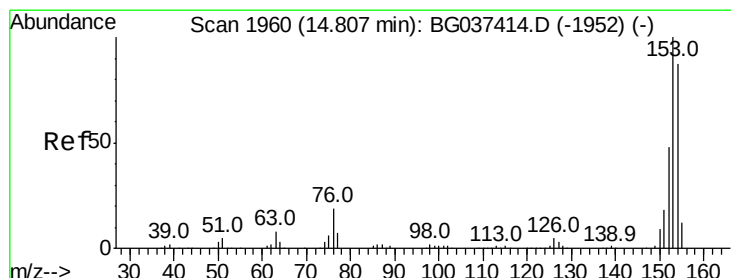
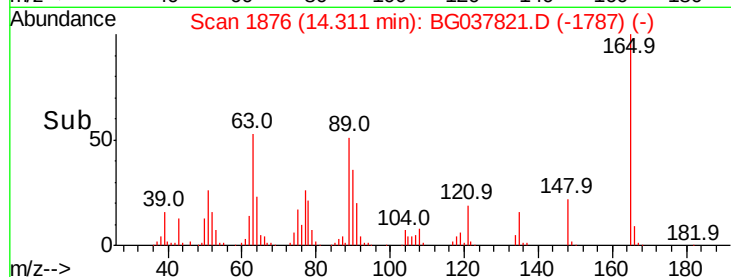
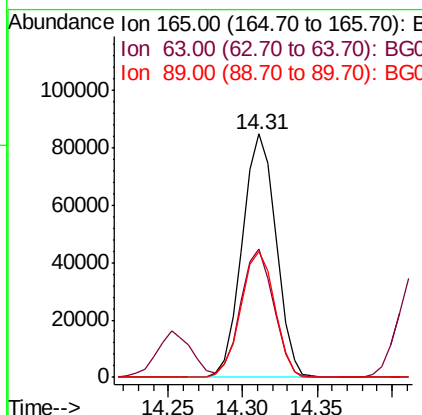
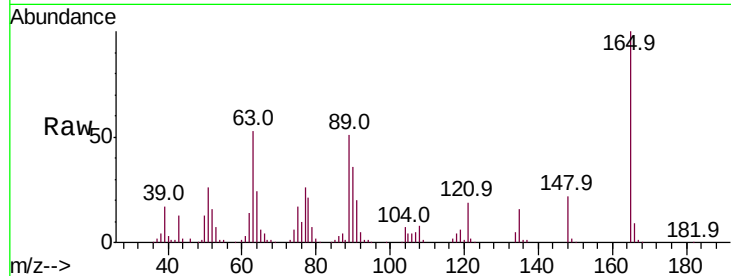
#51
 2,6-Dinitrotoluene
 Concen: 47.977 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	132956		
63	52.9		43.4	65.2
89	51.5		45.8	68.6

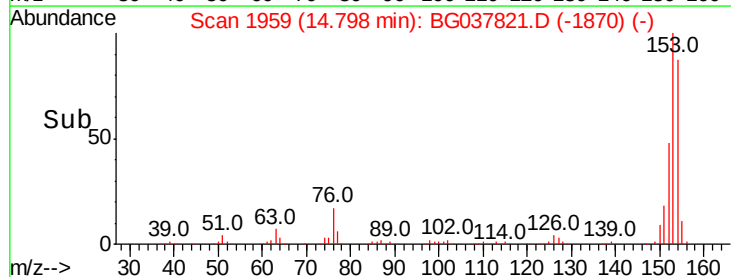
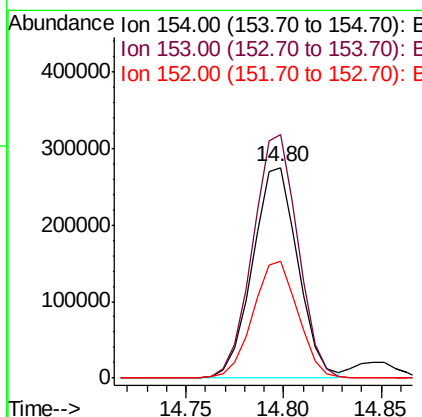
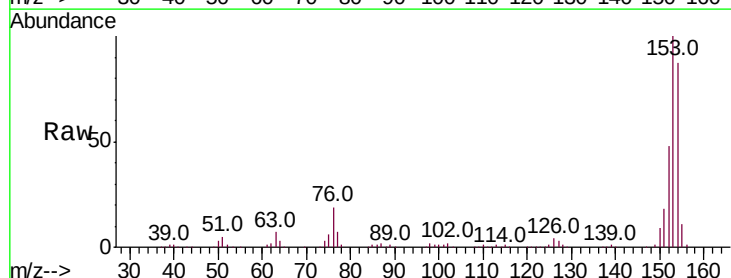
Manual Integrations
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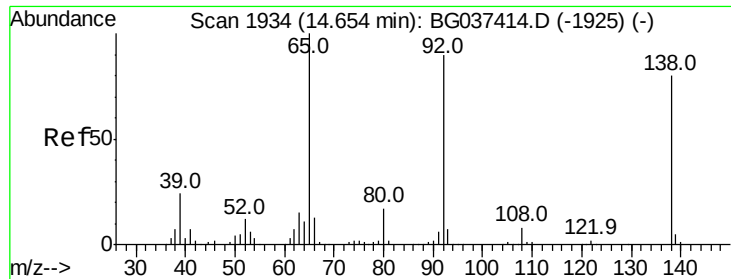
Sohil
 11/6/2018 1:21:52 PM



#52
 Acenaphthene
 Concen: 47.058 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	442309		
153	115.4		93.4	140.0
152	55.3		44.7	67.1





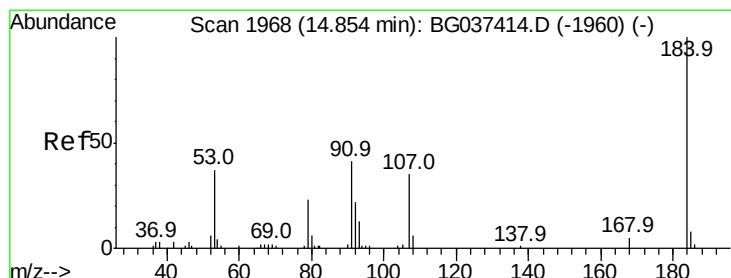
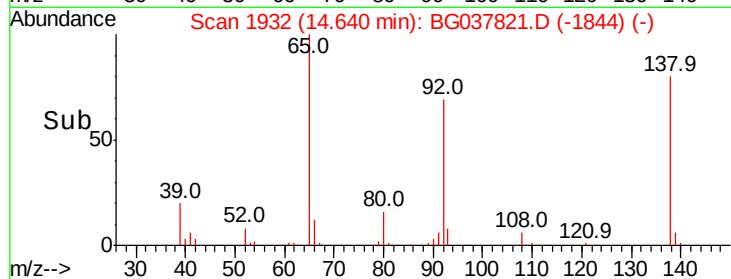
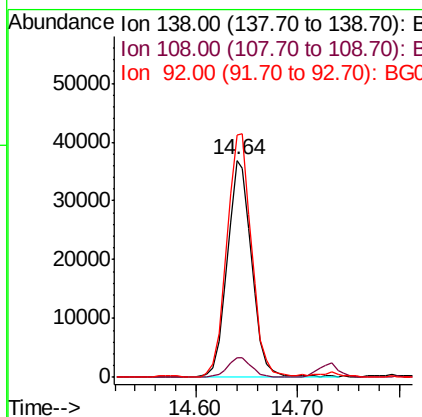
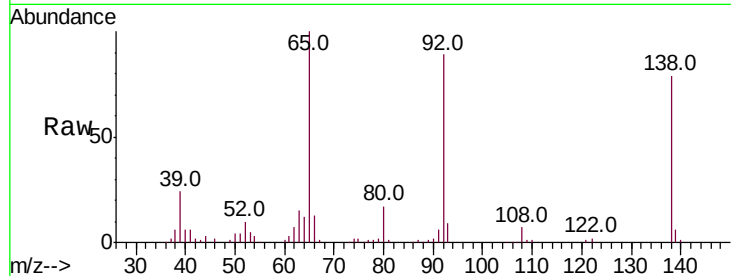
#53
 3-Nitroaniline
 Concen: 19.993 ng
 RT: 14.64 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	11.0	16.6#
92	111.9	95.2	142.8

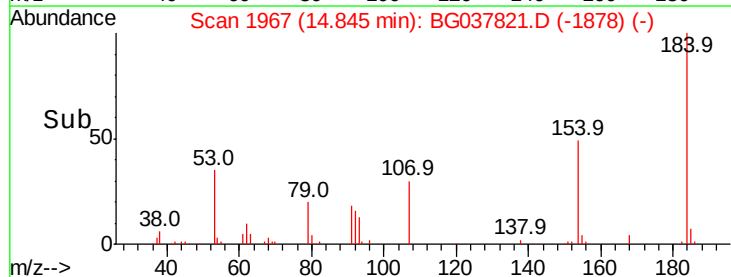
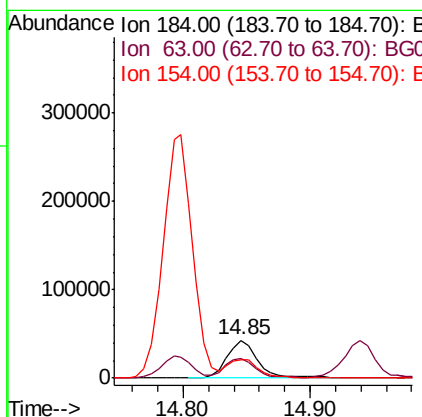
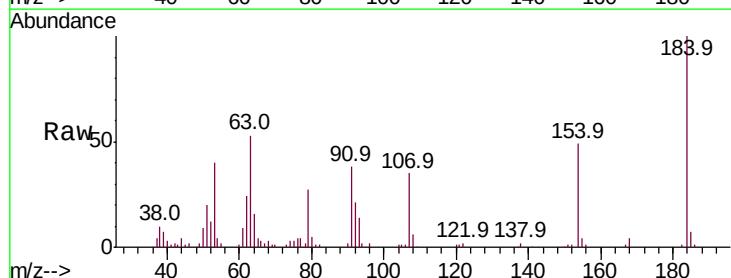
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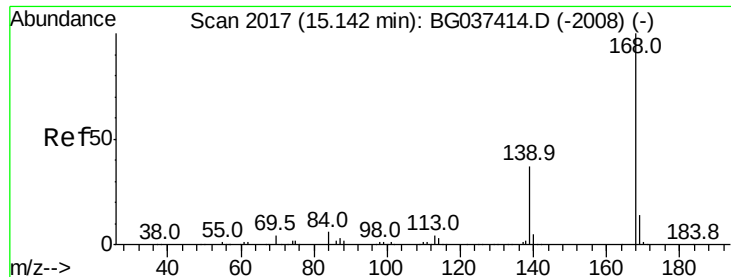
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 65.680 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.4	42.6	63.8
154	49.4	41.8	62.6





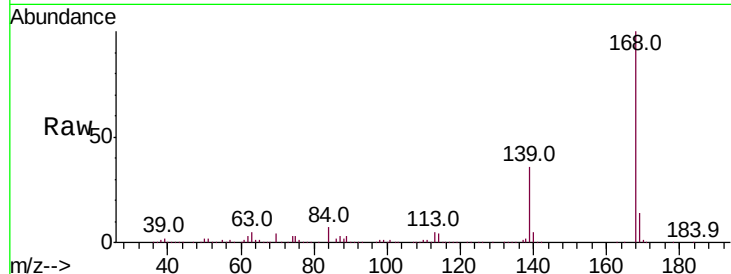
#55
Dibenzofuran
Concen: 45.553 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	29.4	44.0
169	14.1	11.0	16.6

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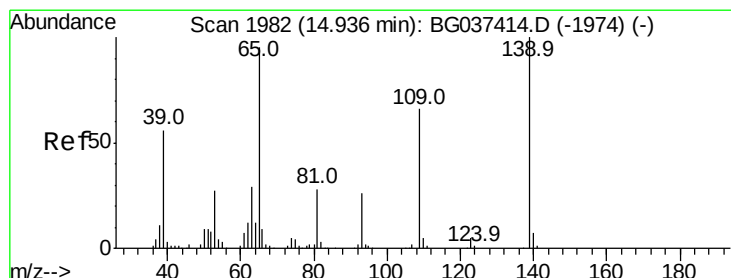
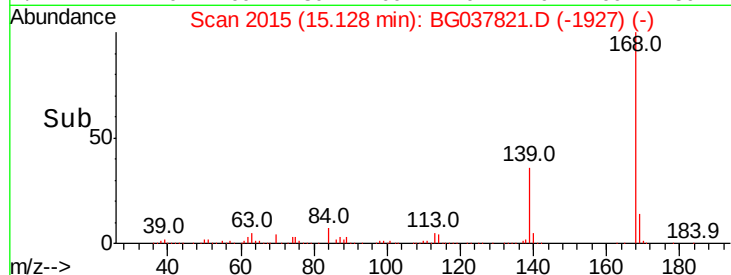
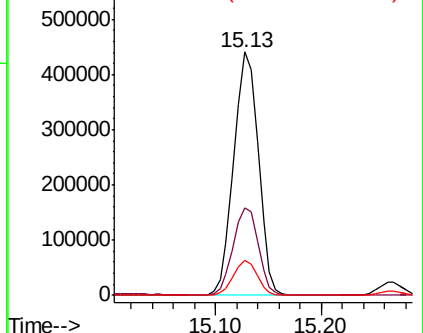


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 118.816 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

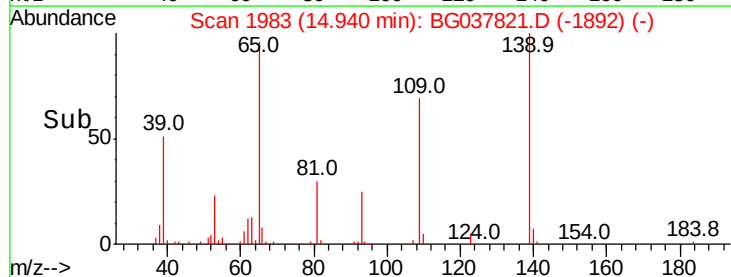
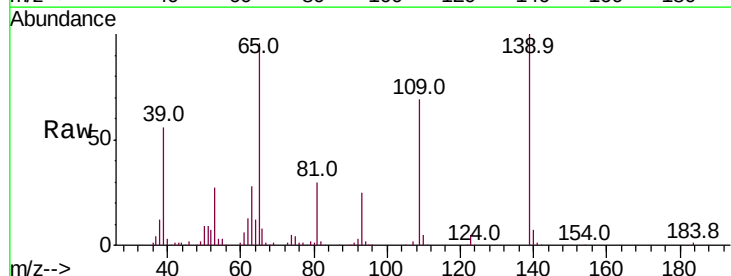
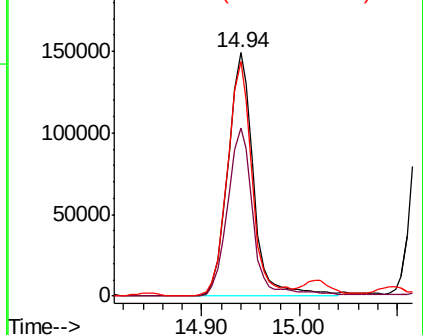
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.9	49.5	89.5
65	96.4	76.8	116.8

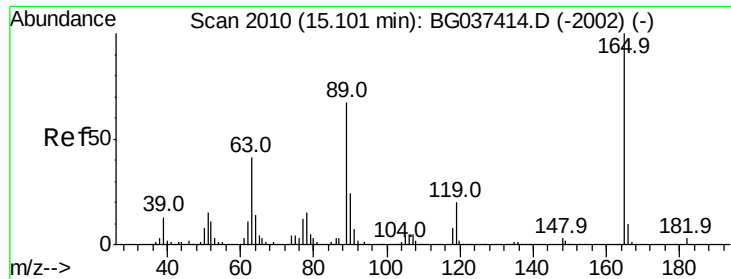
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





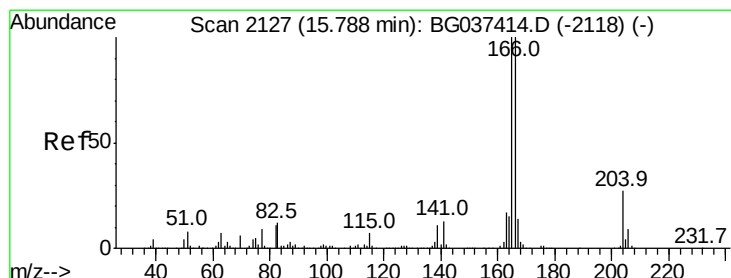
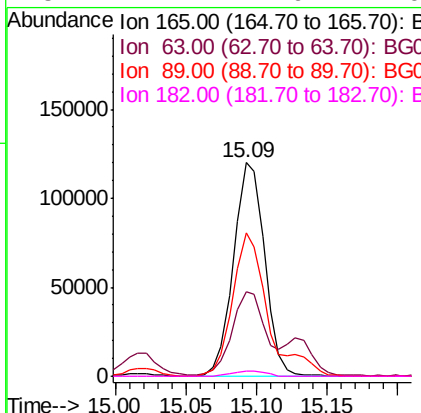
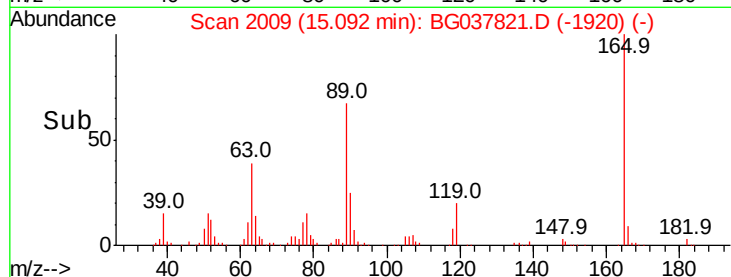
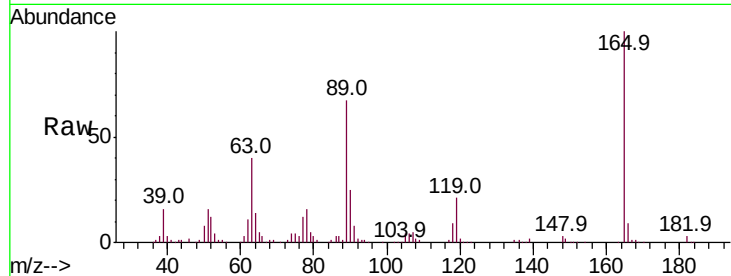
#57
2,4-Dinitrotoluene
Concen: 50.895 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	185142		
63	39.7	33.4	50.0	
89	67.0	57.2	85.8	
182	2.7	2.6	4.0	

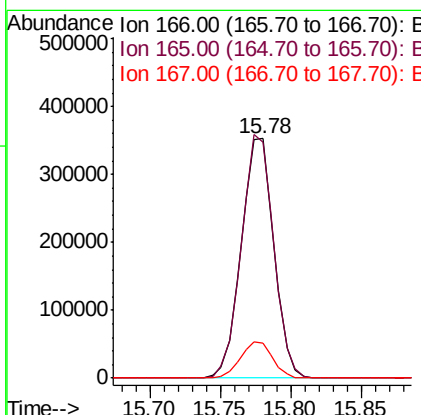
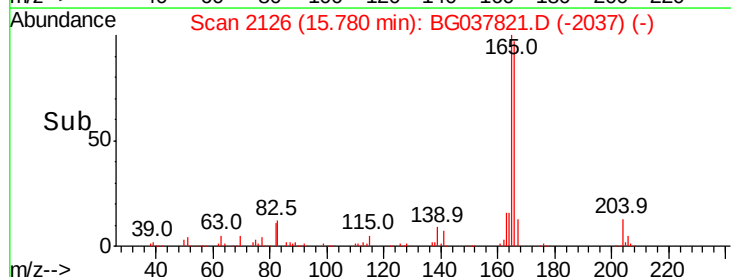
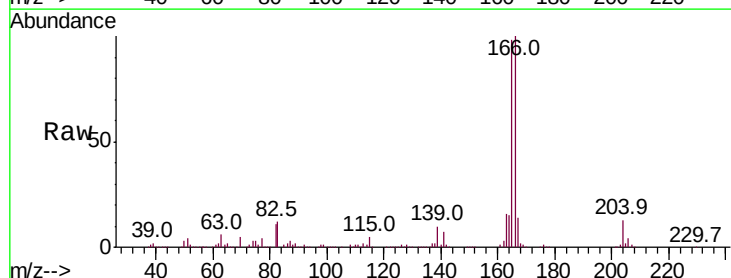
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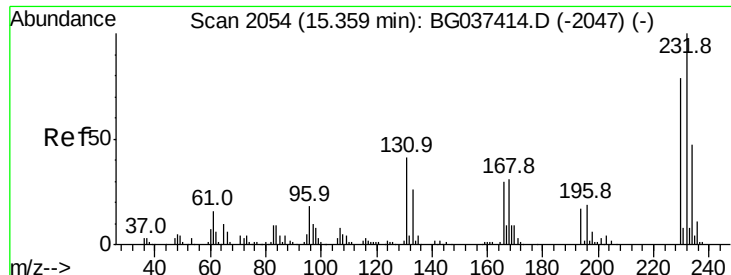
Sohil
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#58
Fluorene
Concen: 49.054 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	572064		
165	98.4	79.0	118.6	
167	14.4	11.3	16.9	





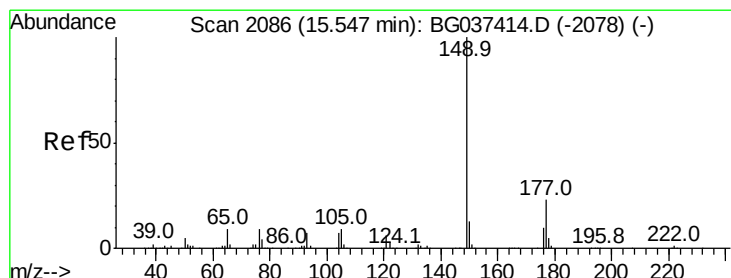
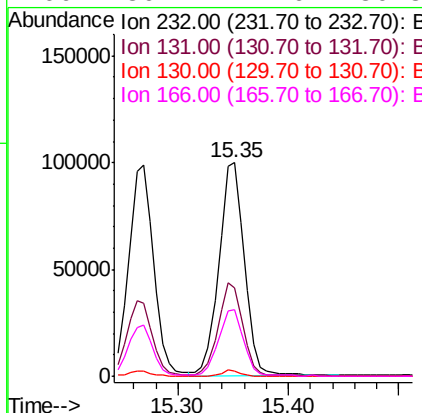
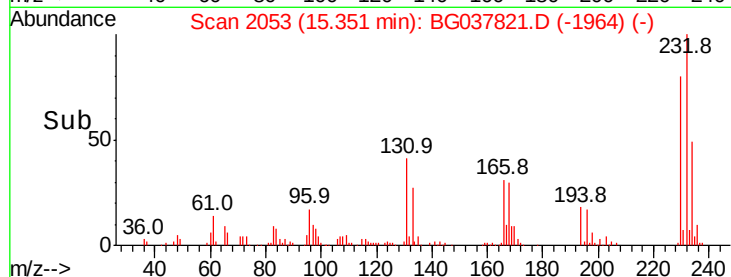
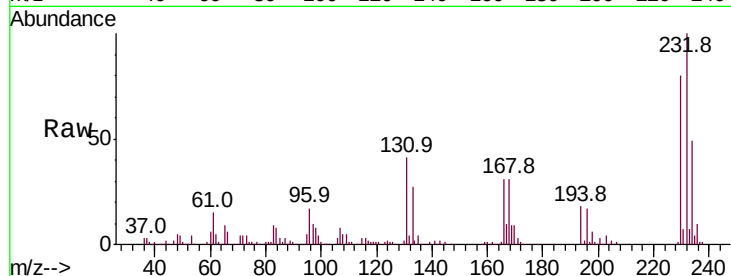
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.311 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	42.1	33.7	50.5
130	2.2	2.1	3.1
166	30.2	24.6	36.8

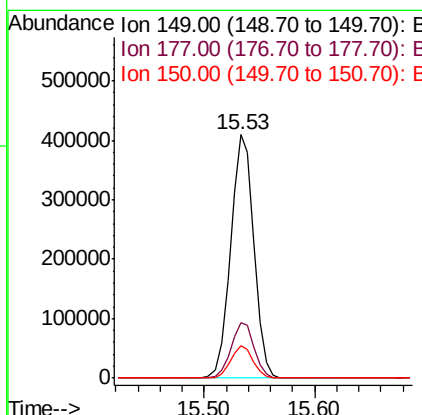
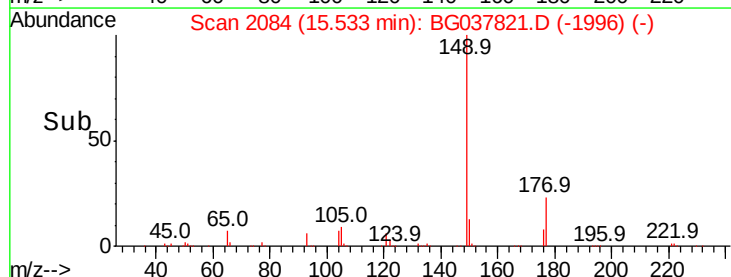
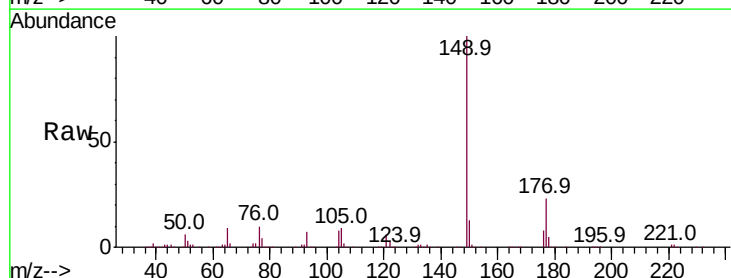
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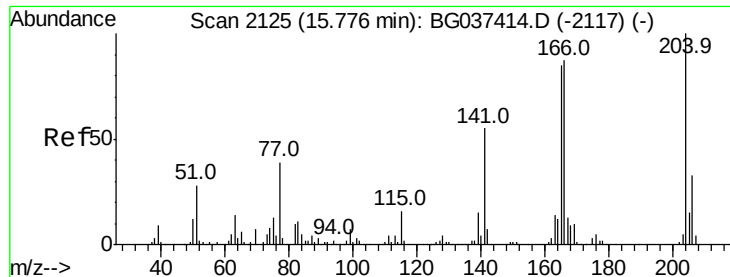
Sohil
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#60
 Diethylphthalate
 Concen: 46.562 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.8	18.3	27.5
150	13.3	10.0	15.0





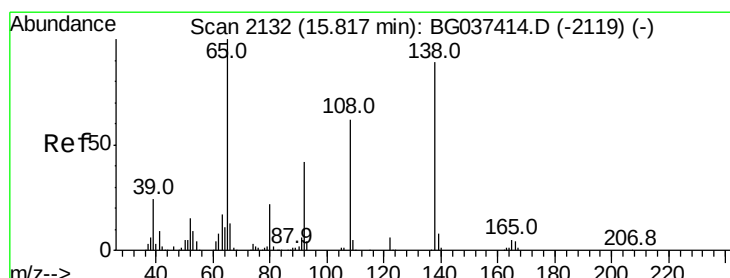
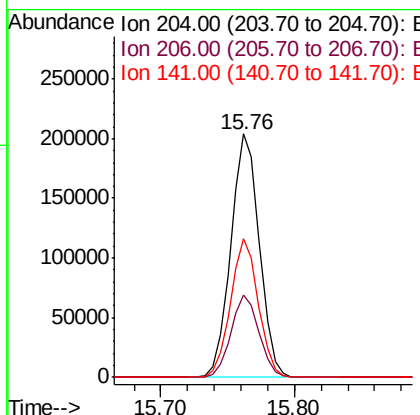
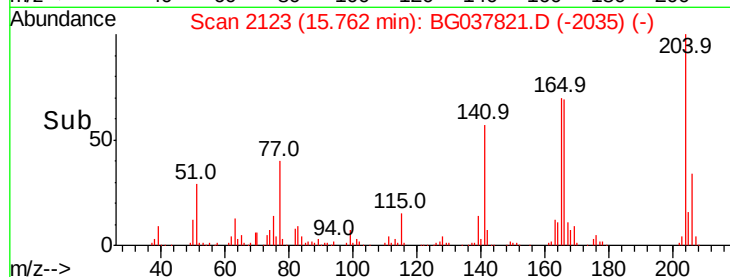
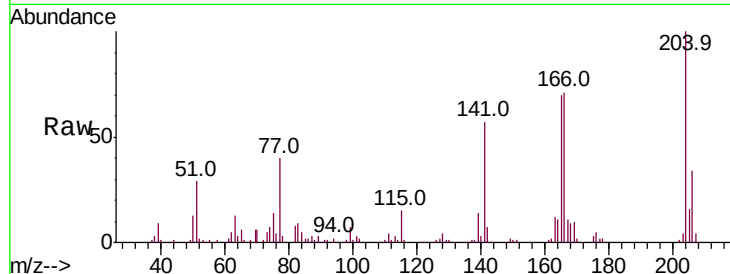
#61
 4-Chlorophenyl-phenylether
 Concen: 44.453 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleID :
 PB114495BS

Tot Ion:	204	Resp:	302159
Ion Ratio		Lower	Upper
204	100		
206	33.7	26.6	39.8
141	57.1	45.4	68.2

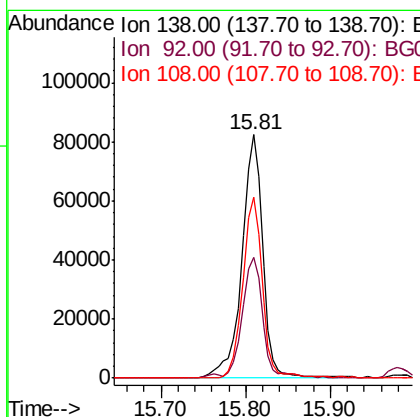
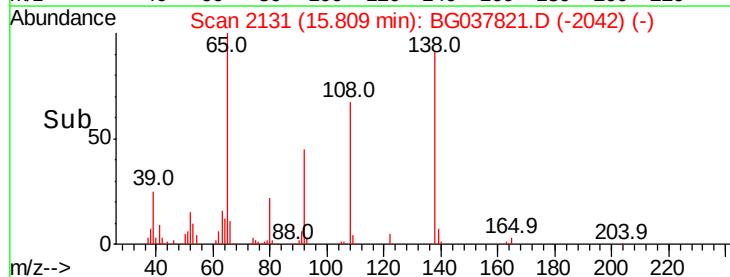
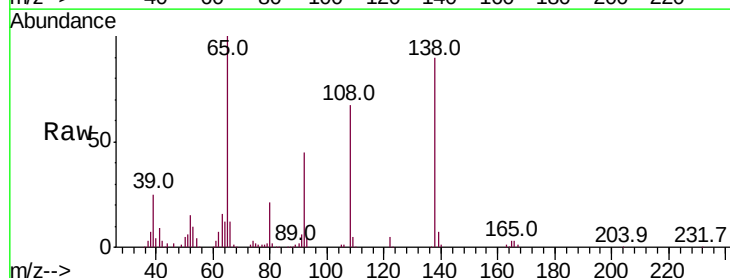
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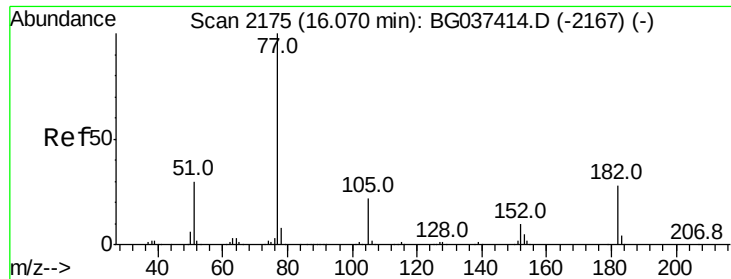
Sohil
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#62
 4-Nitroaniline
 Concen: 46.189 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion:	138	Resp:	141198
Ion Ratio		Lower	Upper
138	100		
92	49.7	36.4	76.4
108	74.3	60.1	100.1





#63

Azobenzene

Concen: 45.546 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

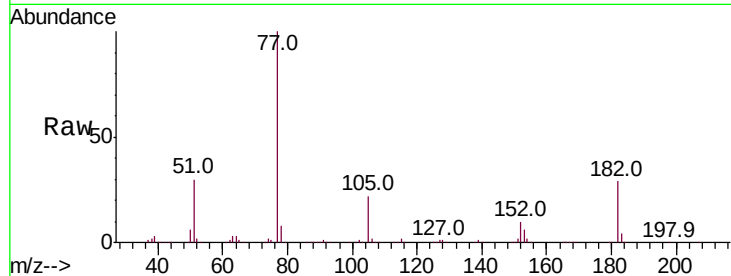
ClientSampleId :

PB114495BS

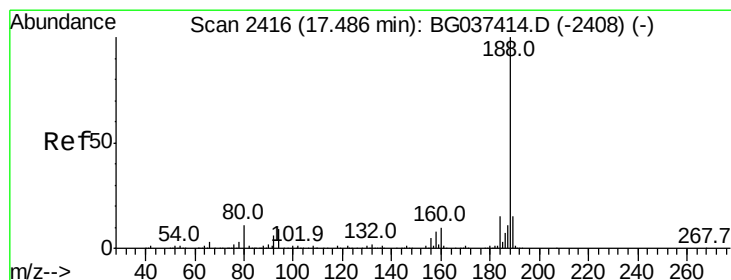
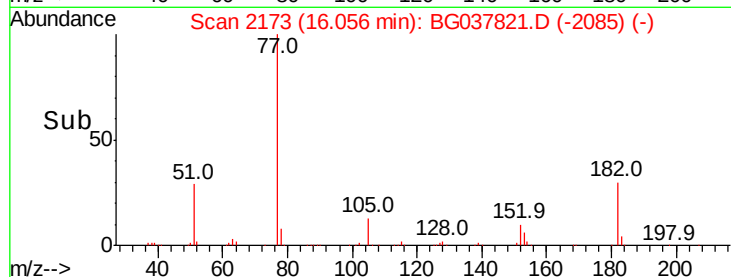
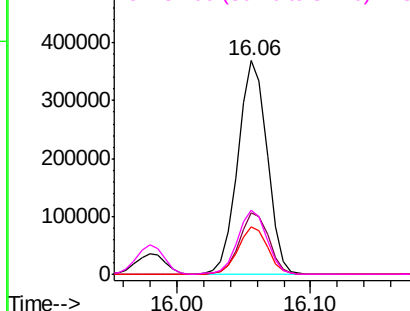
Tot Ion	Ratio	Resp	Lower	Upper
77	100	558890		
182	28.8	8.0	48.0	
105	22.3	1.3	41.3	
51	29.8	10.7	50.7	

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

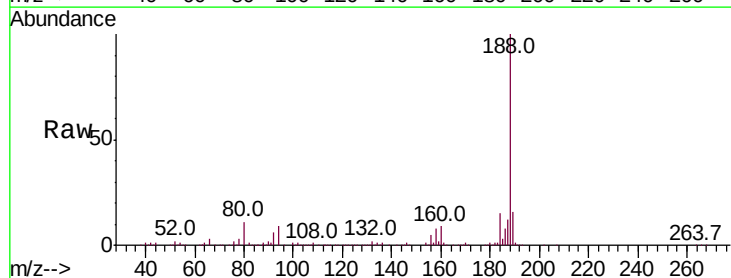
RT: 17.48 min Scan# 2415

Delta R.T. -0.01 min

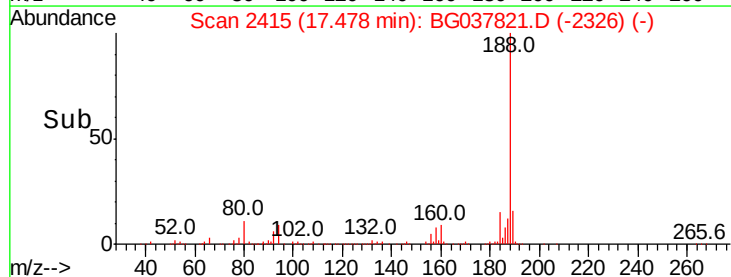
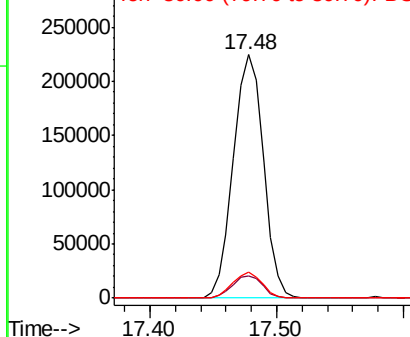
Lab File: BG037821.D

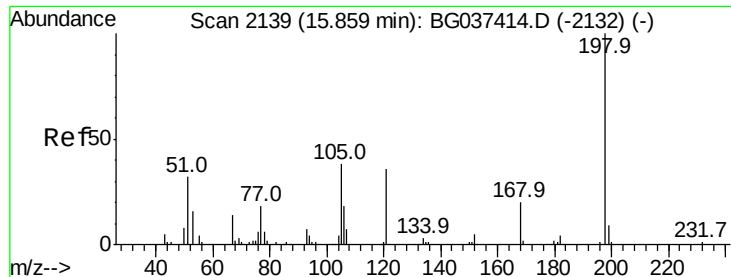
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	370221		
94	8.9	7.2	10.8	
80	10.5	7.7	11.5	



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.038 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

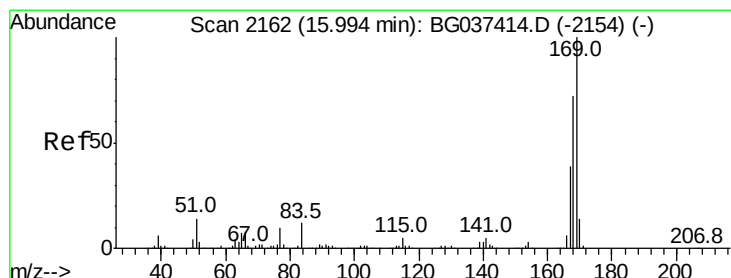
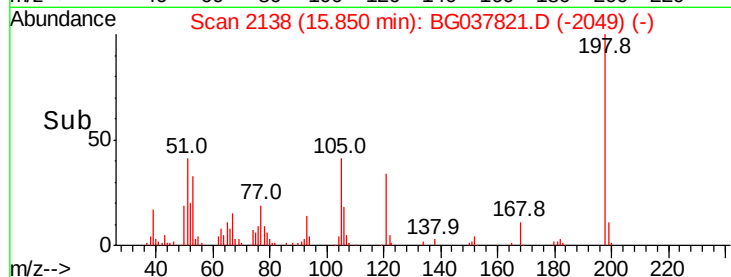
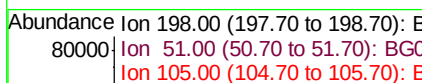
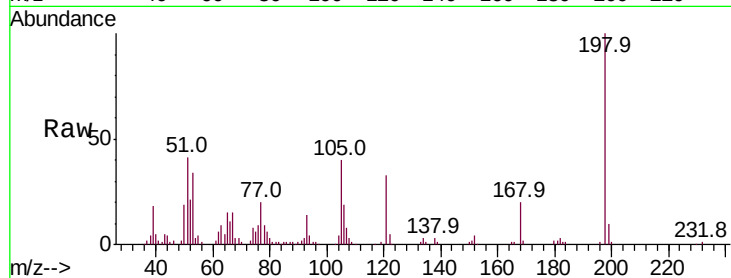
ClientSampleId :

PB114495BS

Tot Ion:	198	Resp:	81535
Ion Ratio	Lower	Upper	
198	100		
51	41.1	22.7	62.7
105	40.1	19.7	59.7

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#66

n-Nitrosodiphenylamine

Concen: 46.939 ng

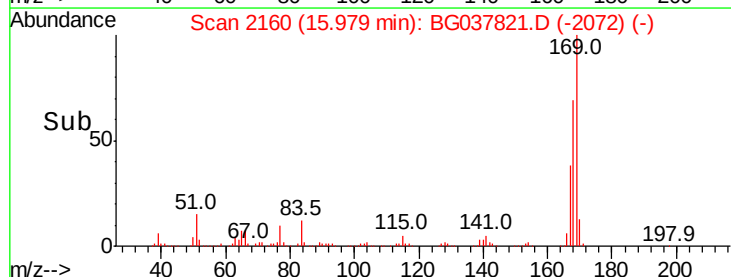
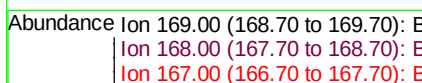
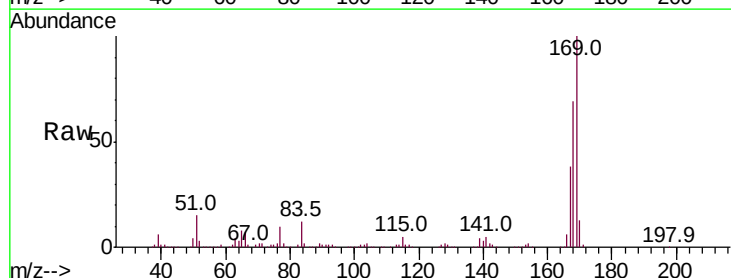
RT: 15.98 min Scan# 2160

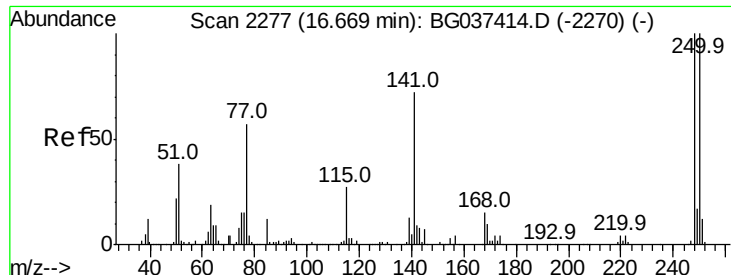
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion:	169	Resp:	522733
Ion Ratio	Lower	Upper	
169	100		
168	68.6	55.7	83.5
167	37.7	31.3	46.9





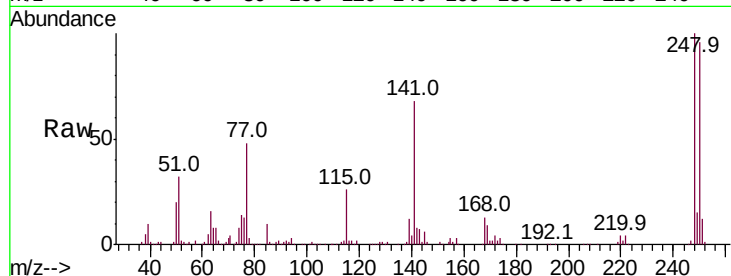
#67
 4-Bromophenyl-phenylether
 Concen: 47.189 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.0	115.6
141	67.6	55.5	83.3

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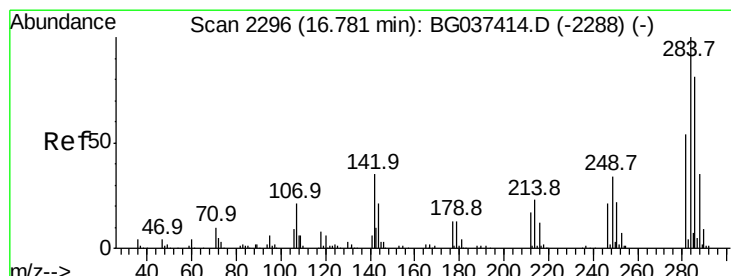
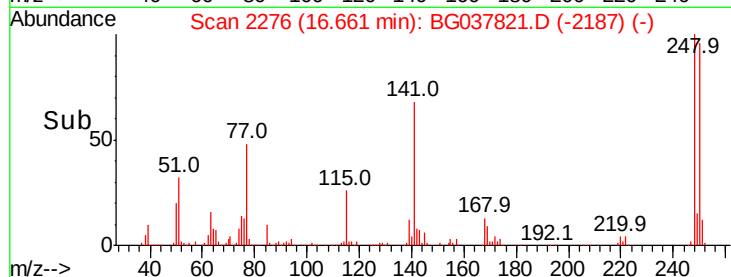
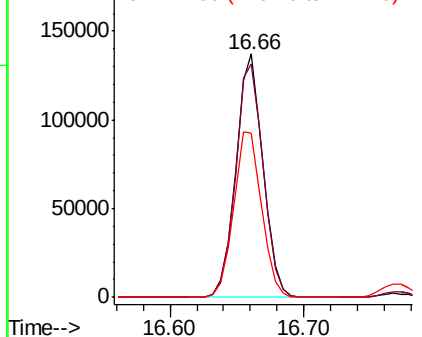


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.333 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

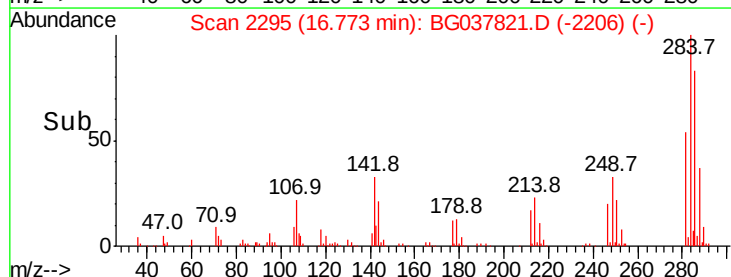
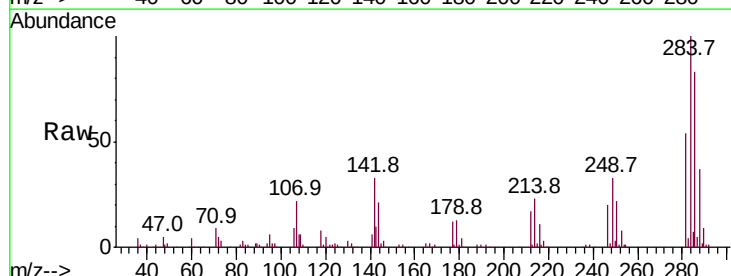
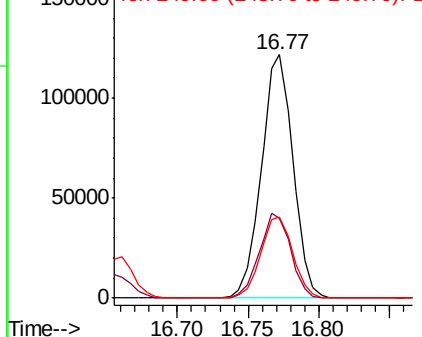
Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.1	42.1
249	36.1	29.8	44.8

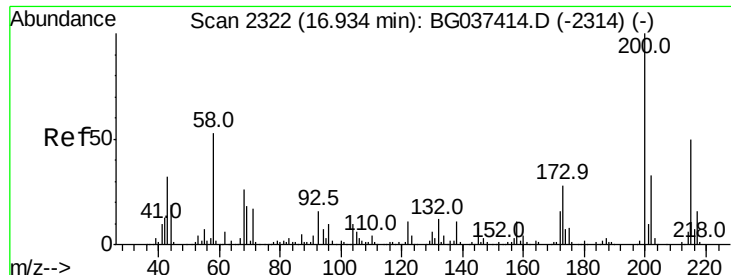
Abundance

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





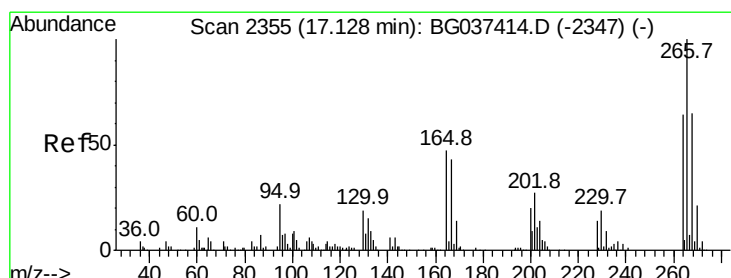
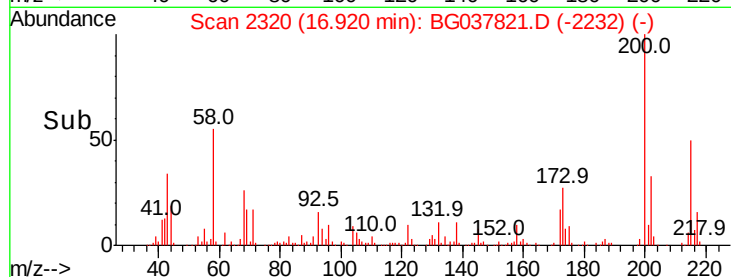
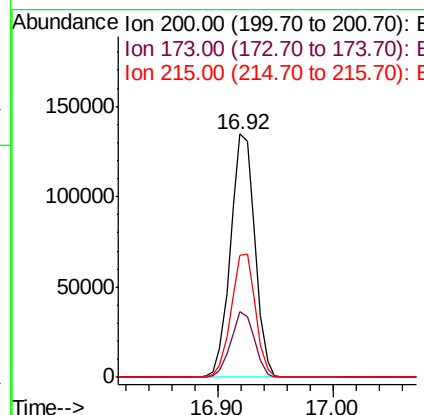
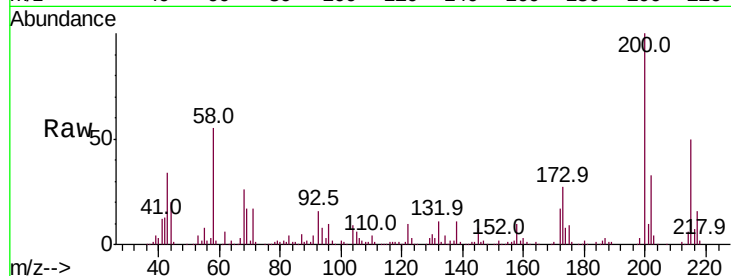
#69
 Atrazine
 Concen: 48.706 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.0	6.1	46.1
215	50.0	30.8	70.8

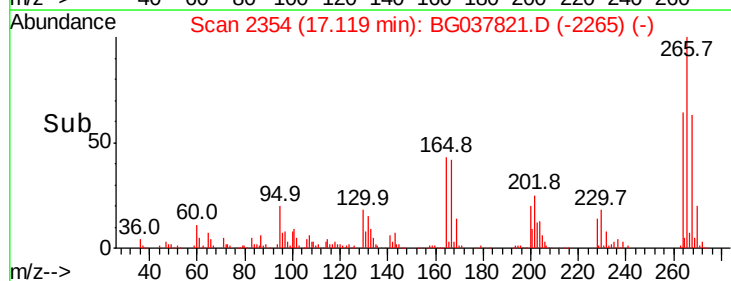
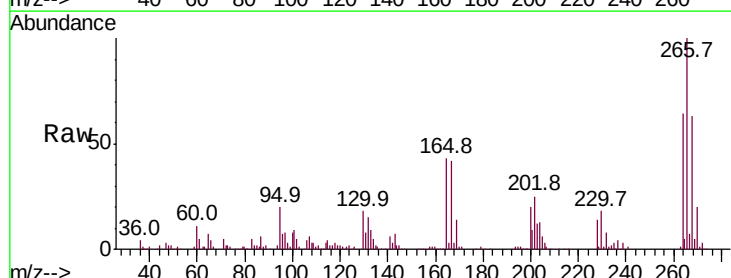
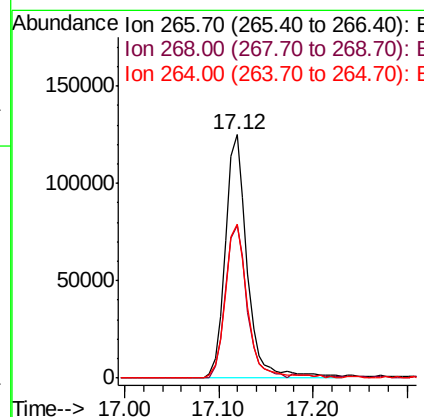
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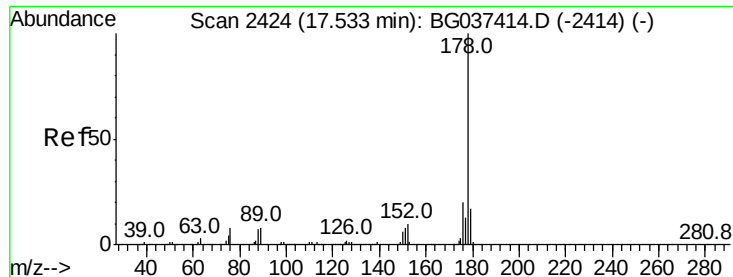
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#70
 Pentachlorophenol
 Concen: 72.074 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.3	55.0	82.6
264	68.8	58.9	88.3





#71

Phenanthrene

Concen: 49.450 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

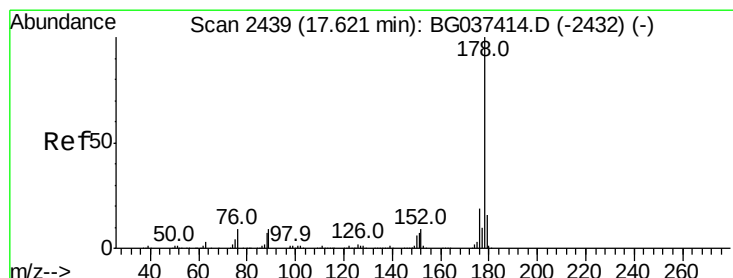
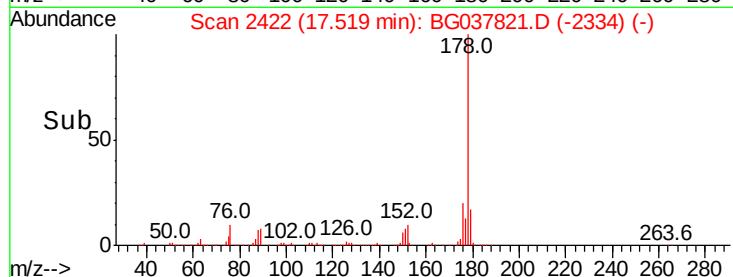
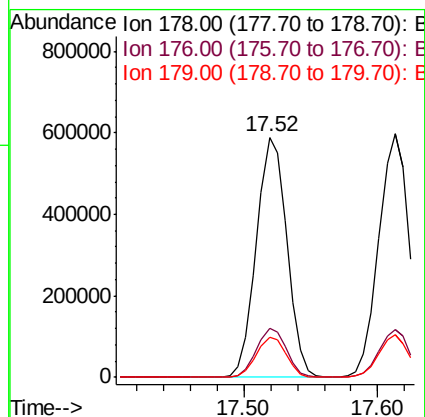
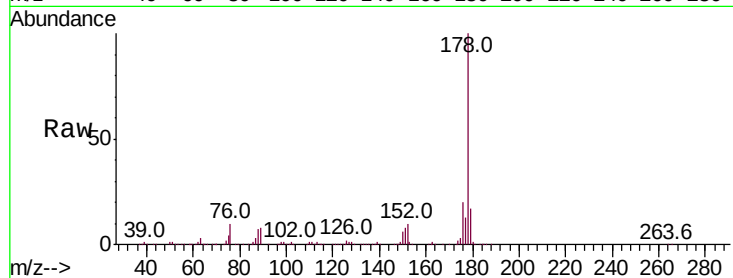
ClientSampleId :

PB114495BS

Tot Ion:178	Resp:	930433
Ion Ratio	Lower	Upper
178	100	
176	20.3	16.1 24.1
179	16.9	13.0 19.4

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#72

Anthracene

Concen: 50.966 ng

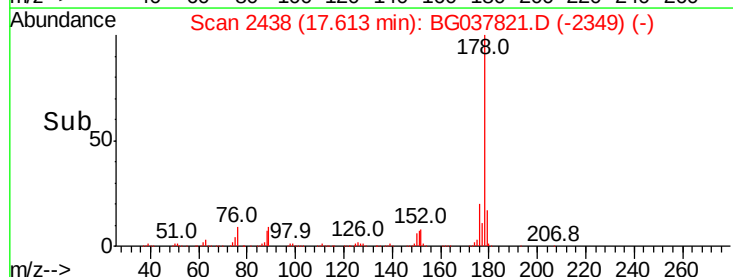
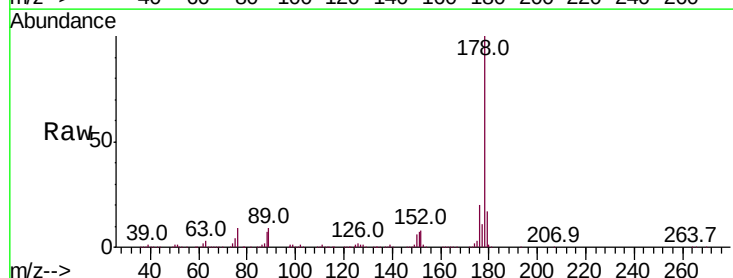
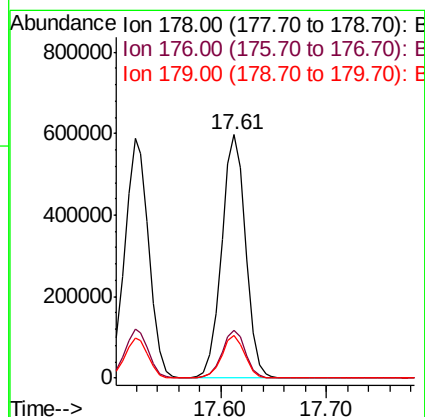
RT: 17.61 min Scan# 2438

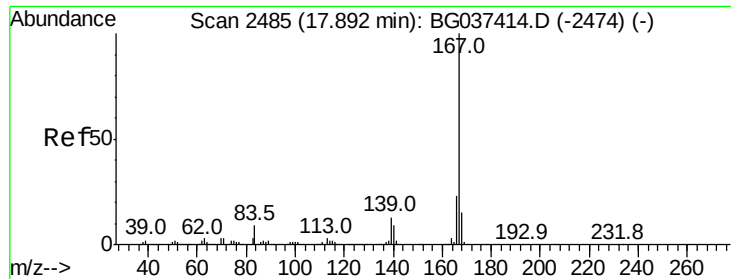
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion:178	Resp:	941089
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.0 22.4
179	17.4	12.8 19.2





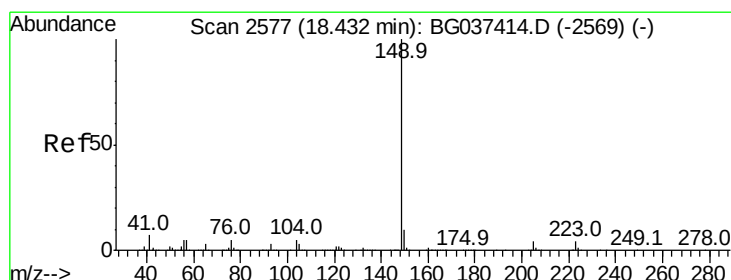
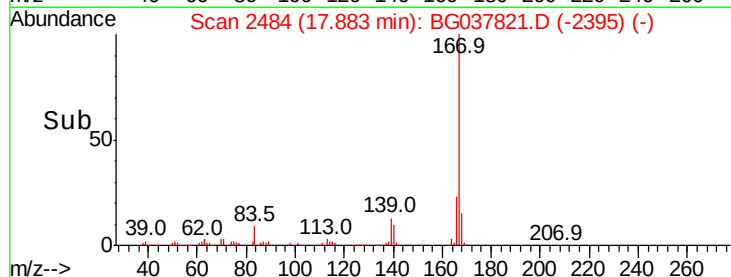
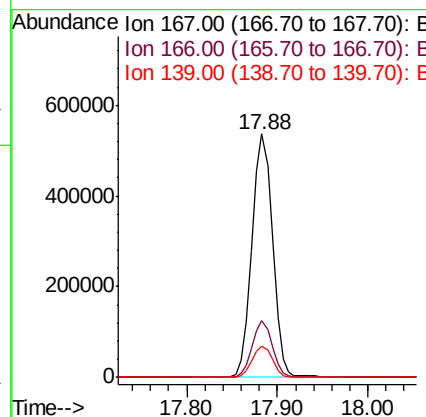
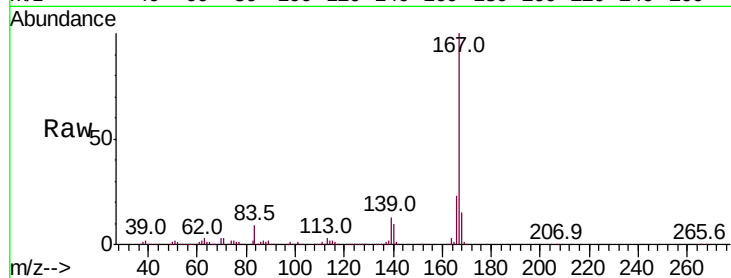
#73
 Carbazole
 Concen: 46.001 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Instrument :
 BNA_G
 ClientSampleId :
 PB114495BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.3	27.5
139	12.8	10.5	15.7

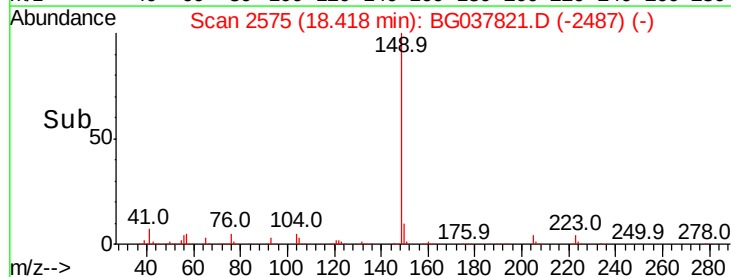
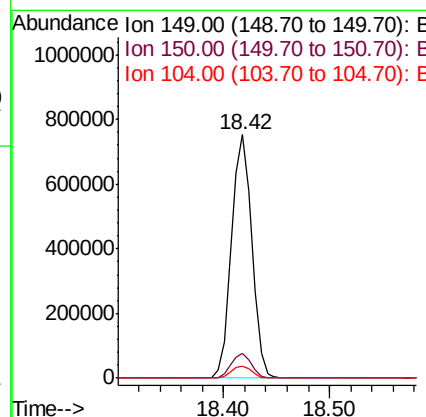
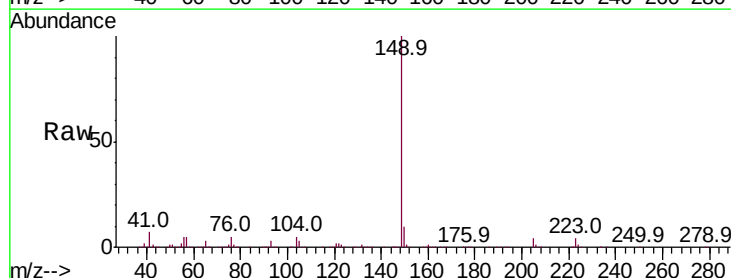
Manual Integrations
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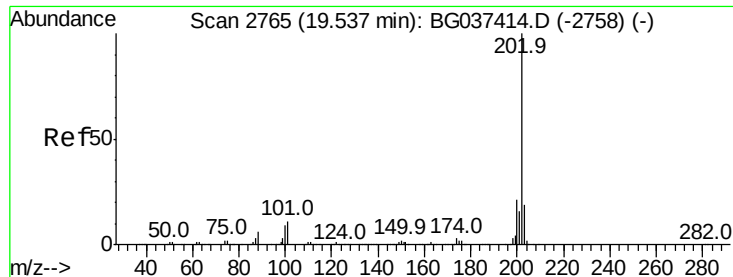
Sohil
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#74
 Di-n-butylphthalate
 Concen: 48.457 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037821.D
 Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 50.169 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

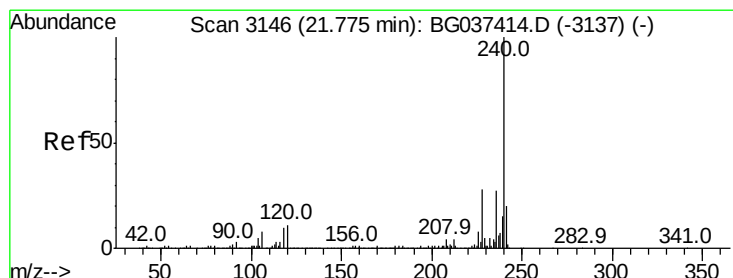
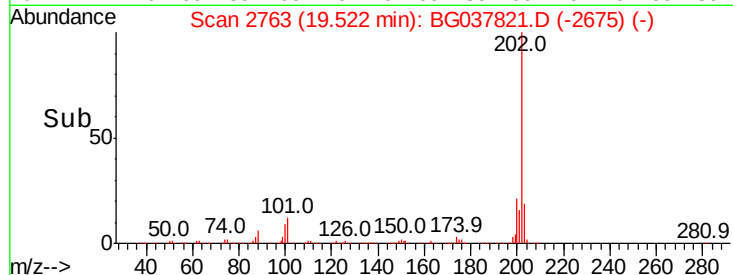
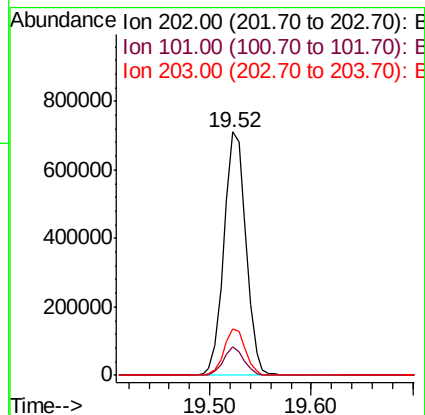
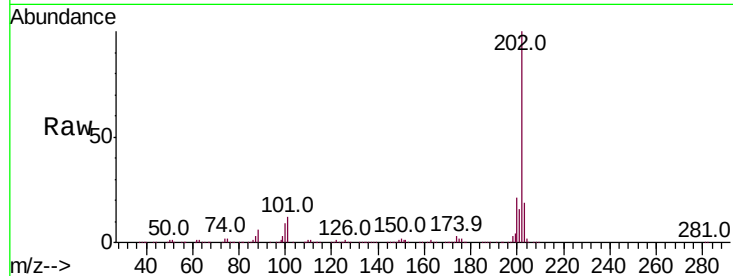
ClientSampleId :

PB114495BS

Tot Ion:	202	Resp:	1070633
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	30.7
203	18.9	0.0	38.5

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

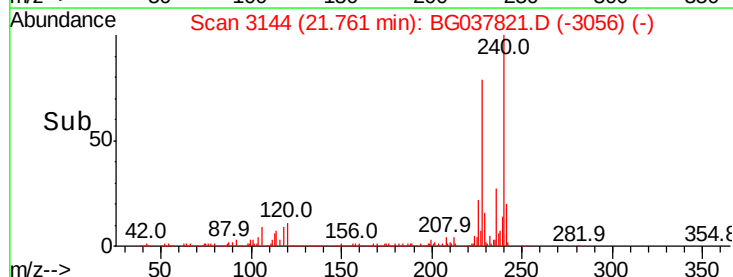
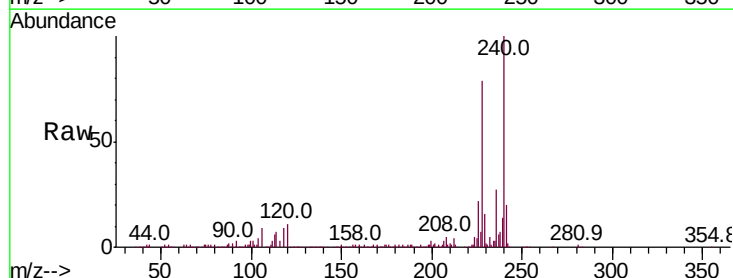
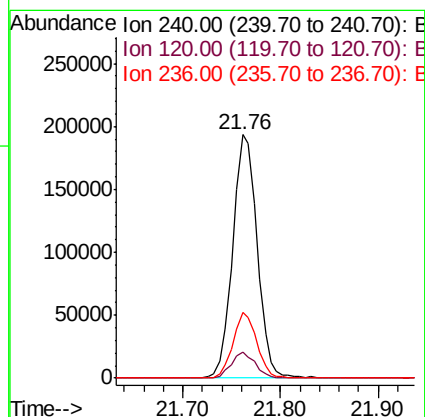
RT: 21.76 min Scan# 3144

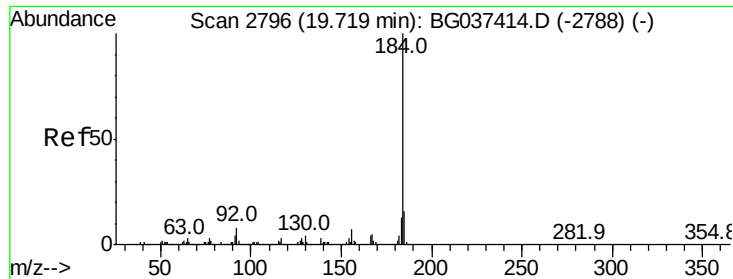
Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Tgt Ion:	240	Resp:	336601
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.1	12.1
236	26.7	21.4	32.0





#77

Benzidine

Concen: 19.101 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

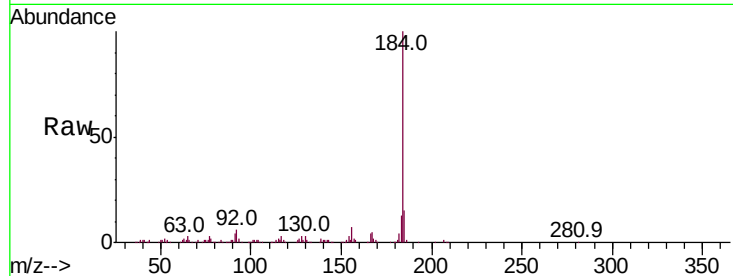
ClientSampleId :

PB114495BS

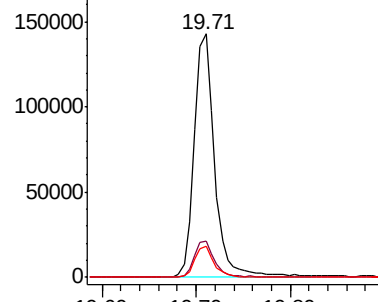
Tot Ion:	184	Resp:	218616
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	12.8	10.2	15.2

Manual Integrations
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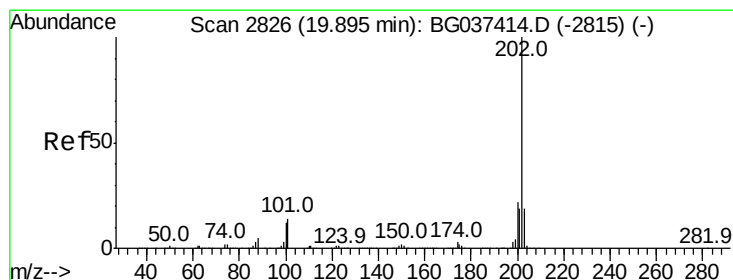
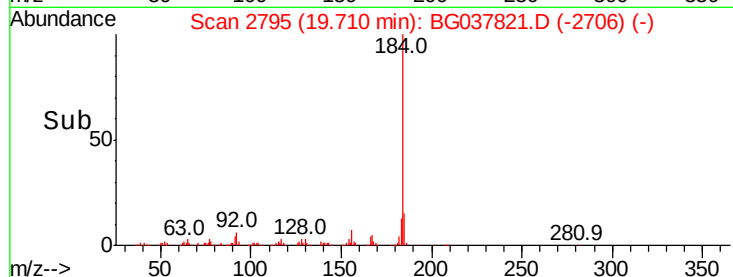
Sohil
11/6/2018 1:21:52 PM



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



Time-->



#78

Pyrene

Concen: 48.401 ng

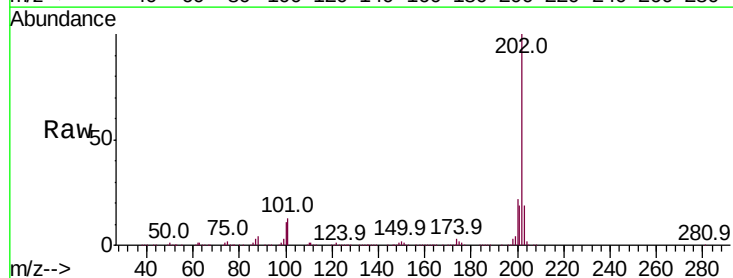
RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

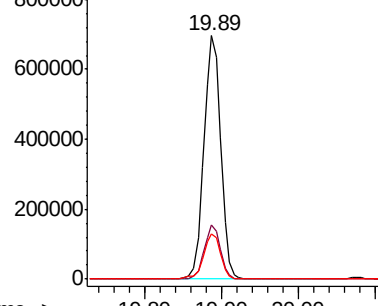
Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

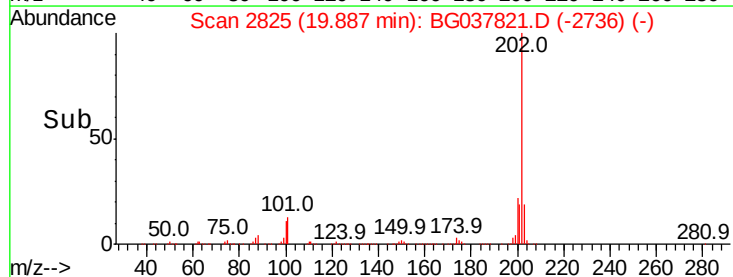
Tgt Ion:	202	Resp:	1065022
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.8	26.6
203	18.8	15.2	22.8

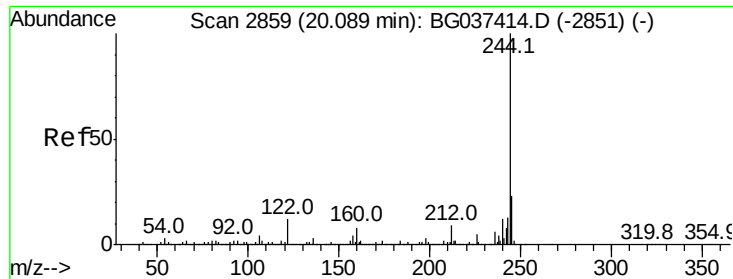


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 87.160 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

Instrument :

BNA_G

ClientSampleId :

PB114495BS

Tot Ion:244 Resp: 1373020

Ion Ratio Lower Upper

244 100

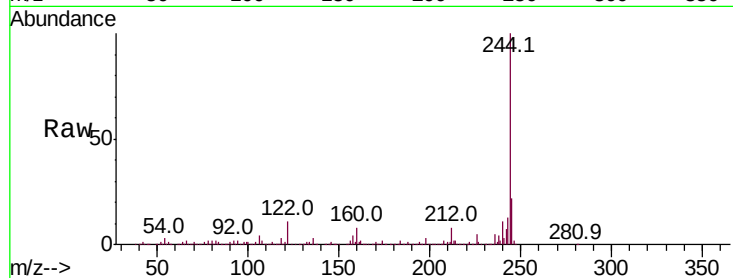
212 8.2 6.5 9.7

122 11.3 9.0 13.4

Manual Integrations
APPROVED

Sohil

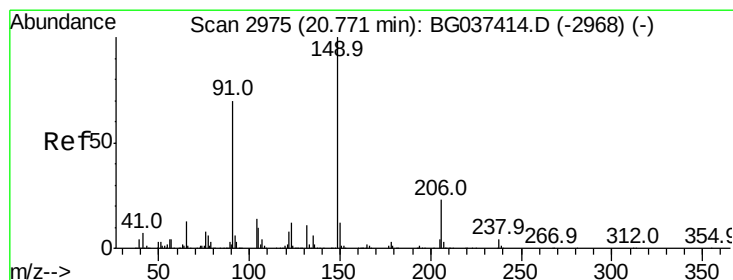
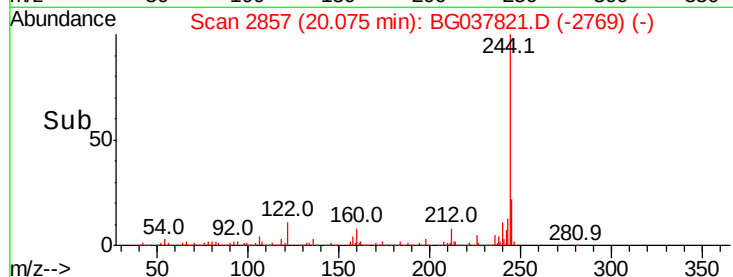
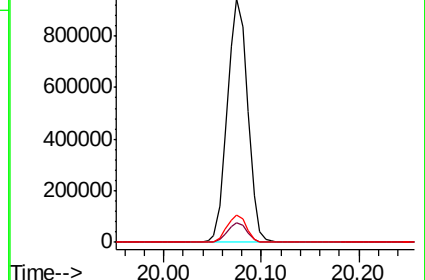
11/6/2018 1:21:52 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.595 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037821.D

Acq: 6 Nov 2018 2:53

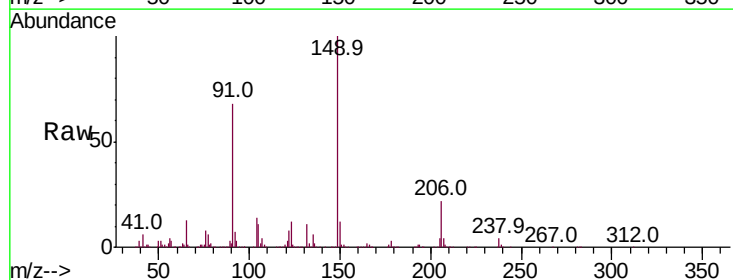
Tgt Ion:149 Resp: 455628

Ion Ratio Lower Upper

149 100

91 68.4 57.0 85.4

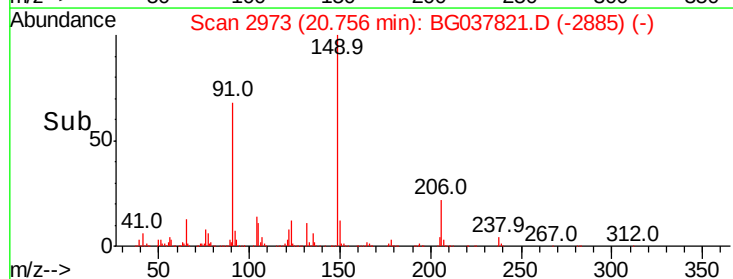
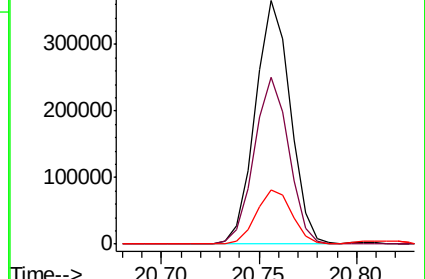
206 22.3 17.8 26.6

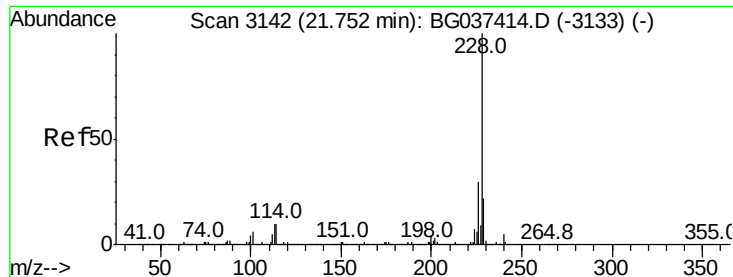


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





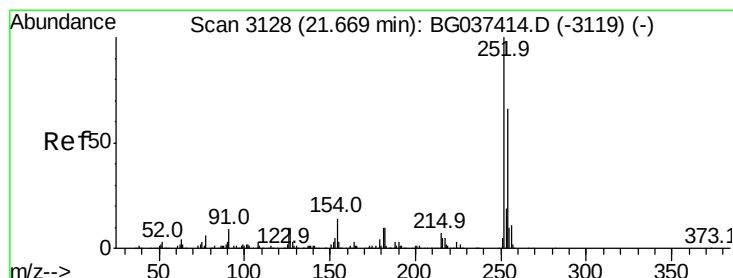
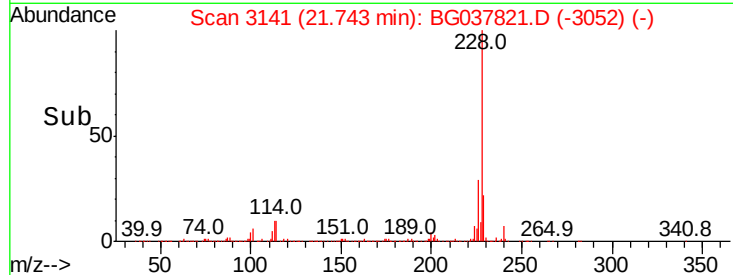
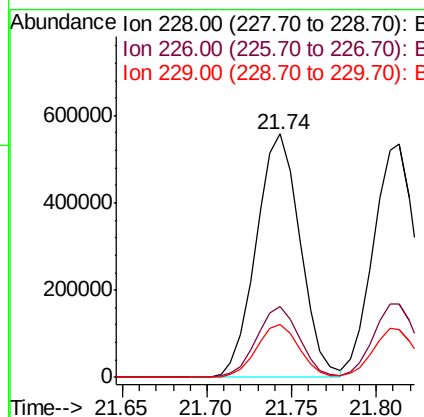
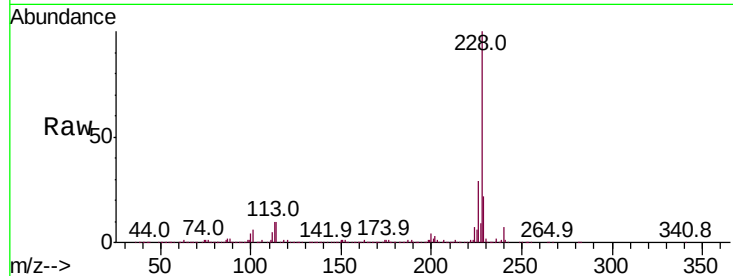
#81
Benzo(a)anthracene
Concen: 50.437 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.6	16.3	24.5

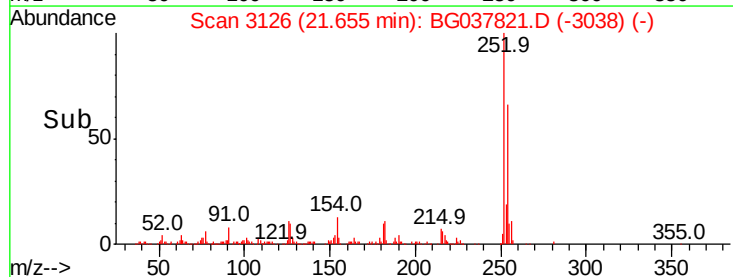
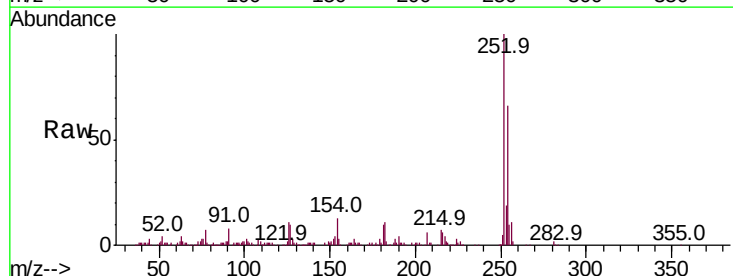
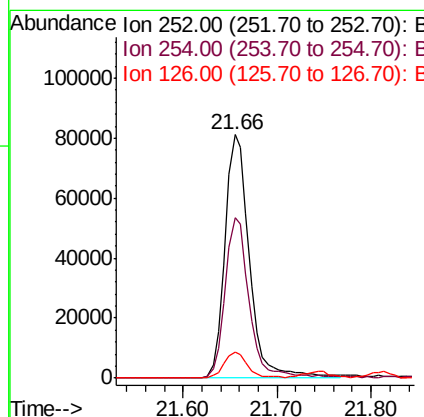
Manual Integrations
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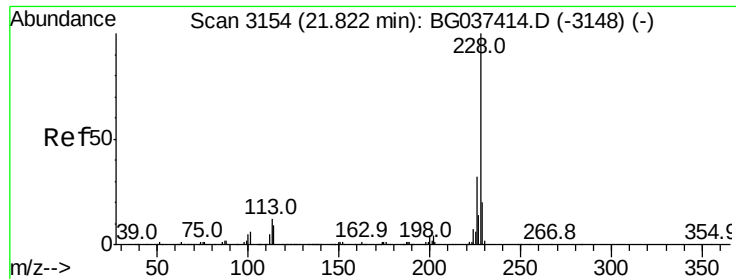
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 19.110 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.0	78.0
126	10.7	8.2	12.4





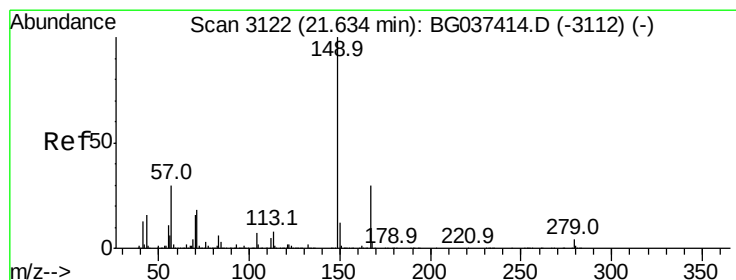
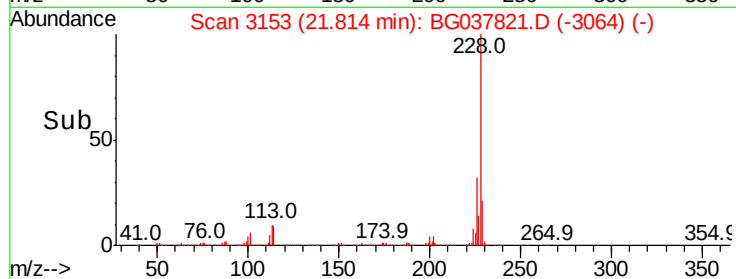
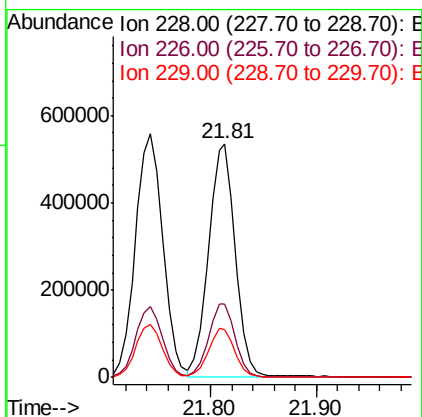
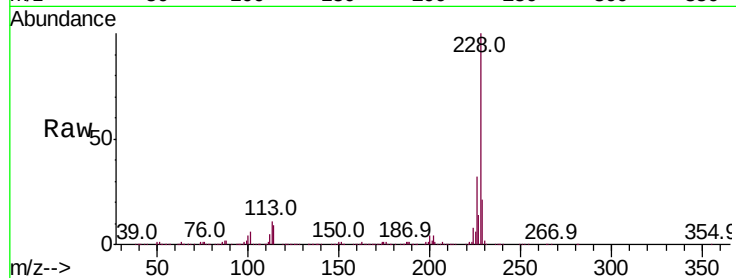
#83
Chrysene
Concen: 49.221 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	942322		
226	31.5	25.7	38.5	
229	20.6	16.5	24.7	

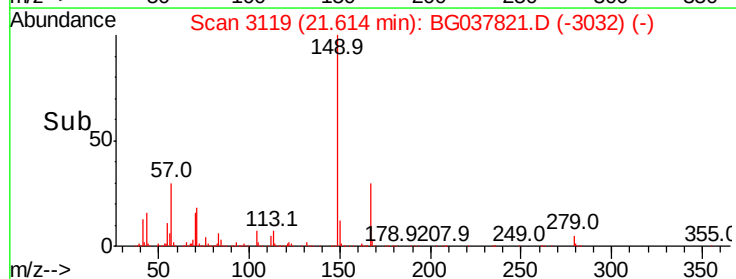
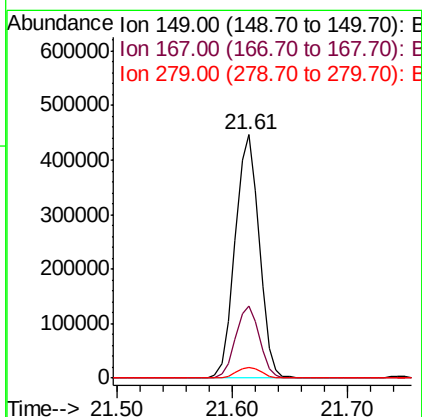
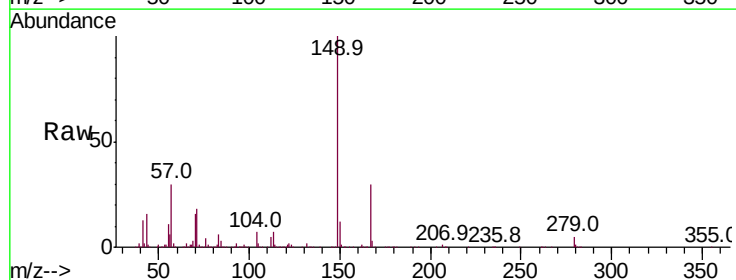
Manual Integrations
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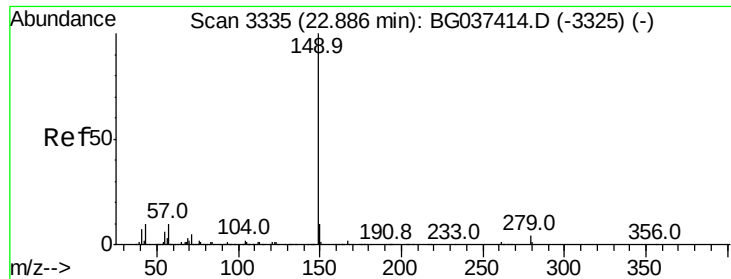
Sohil
11/6/2018 1:21:52 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.126 ng
RT: 21.61 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	645364		
167	29.8	23.0	34.4	
279	4.6	3.6	5.4	





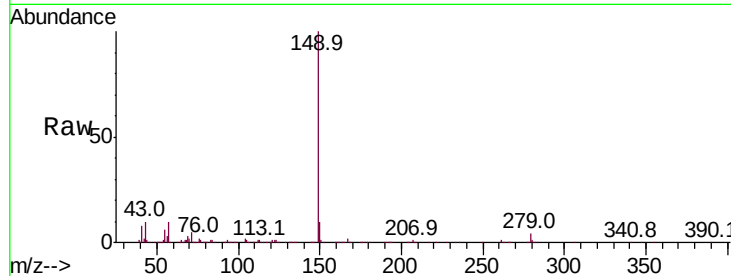
#85
Di-n-octyl phthalate
Concen: 52.686 ng
RT: 22.85 min Scan# 3330
Delta R.T. -0.03 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.8	8.7	13.1

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11/6/2018 1:21:52 PM

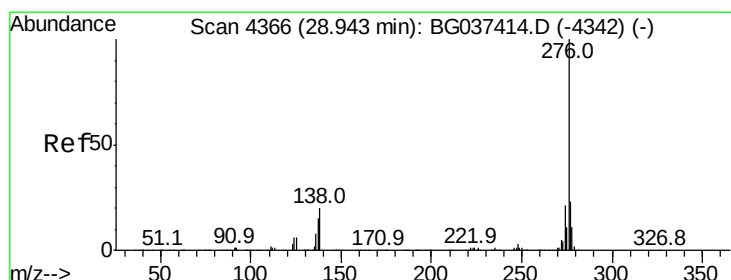
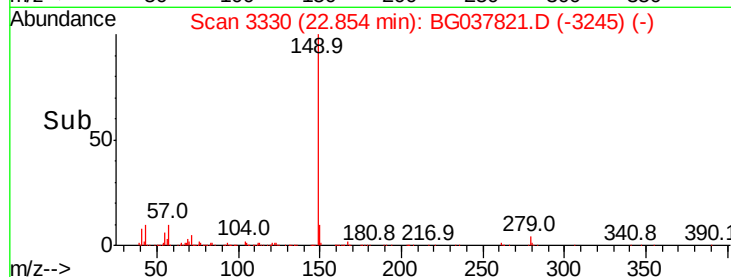
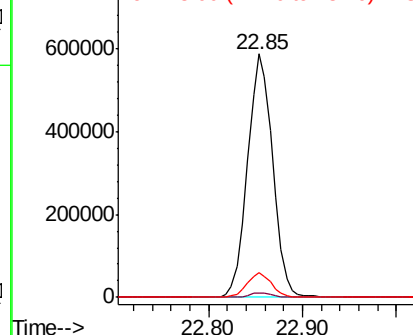


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.074 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

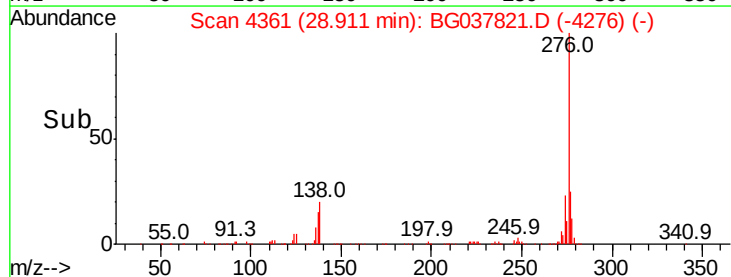
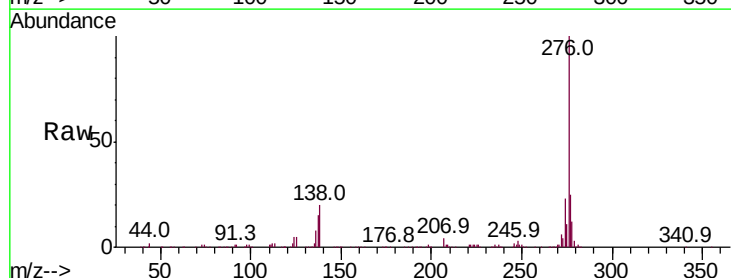
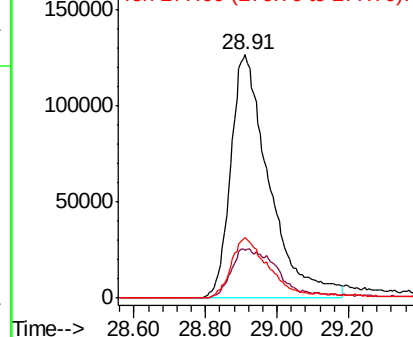
Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.9	12.0	18.0#
277	24.2	20.6	30.8

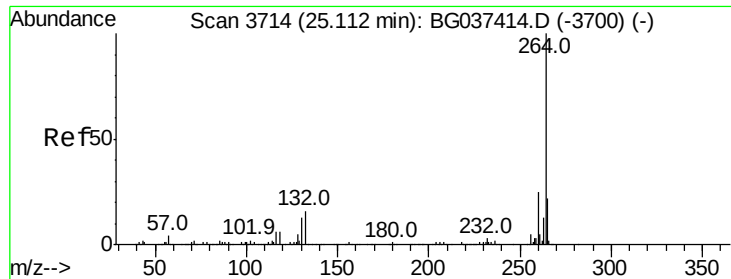
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





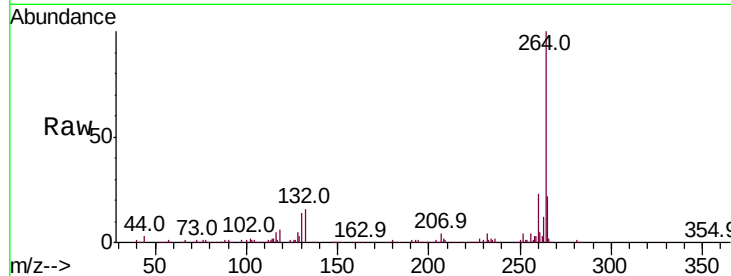
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.6	17.9	26.9

Manual Integrations
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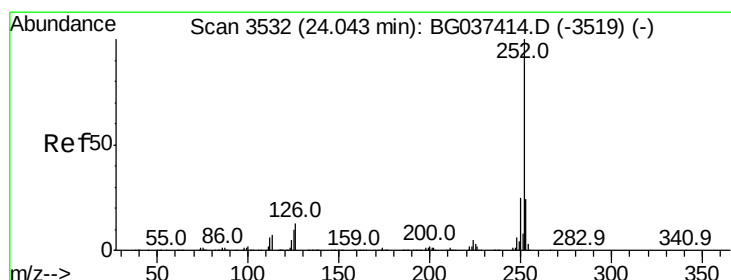
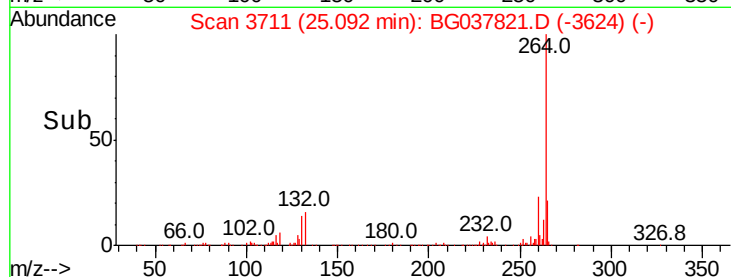
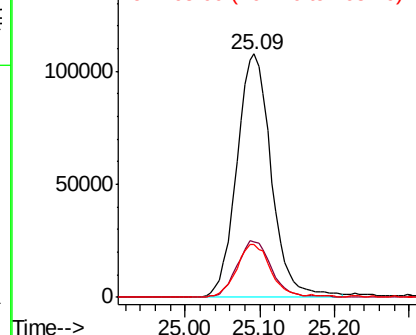


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 50.825 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

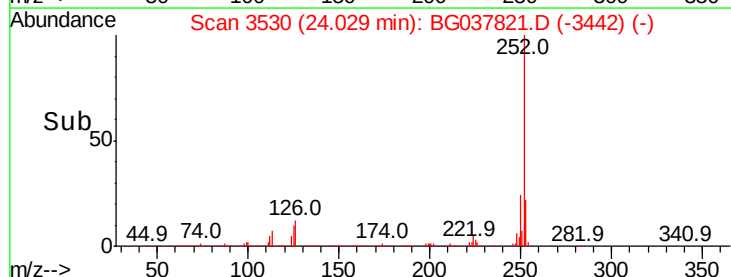
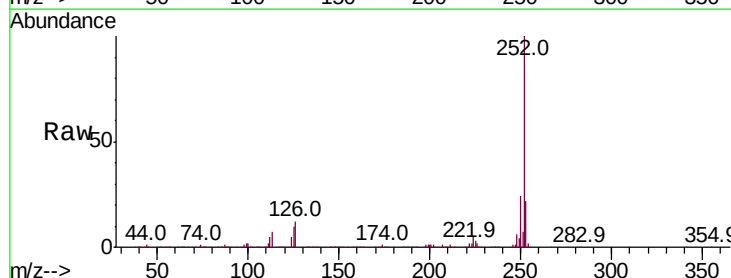
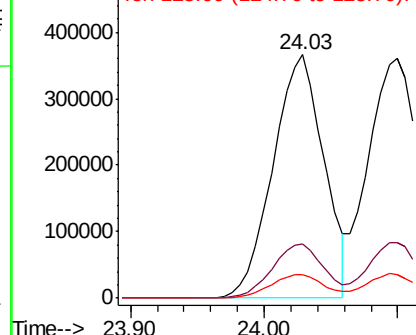
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.8	7.8	11.6

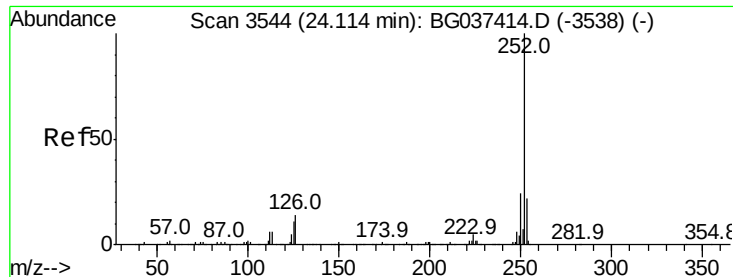
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





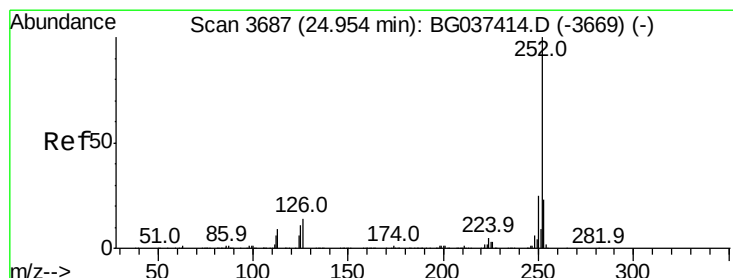
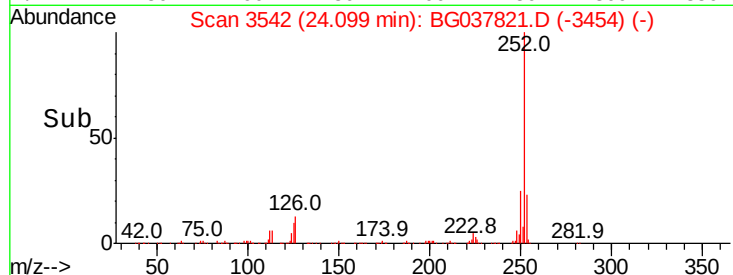
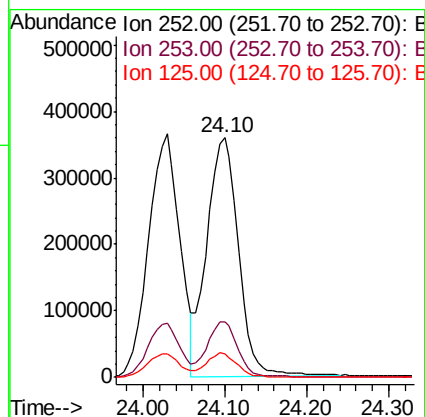
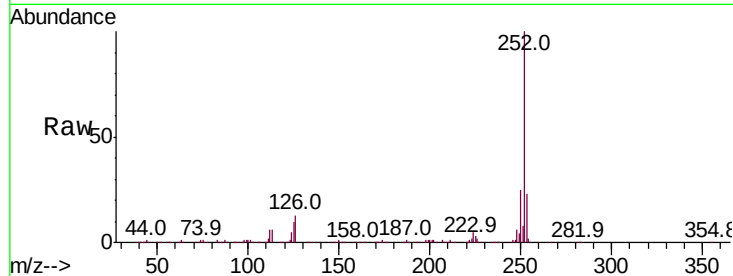
#89
Benzo(k)fluoranthene
Concen: 51.985 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	9.9	7.4	11.0

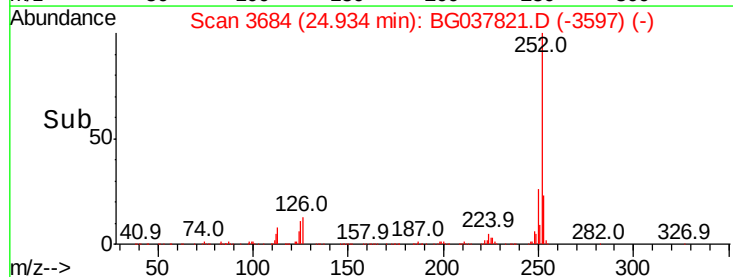
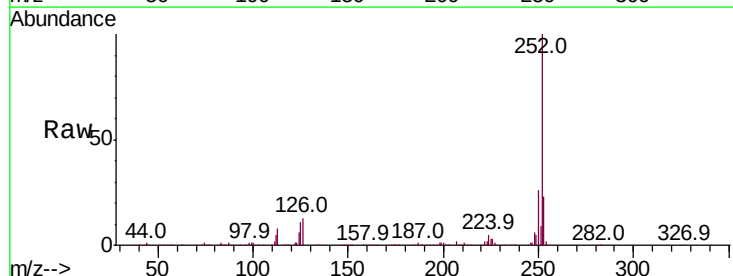
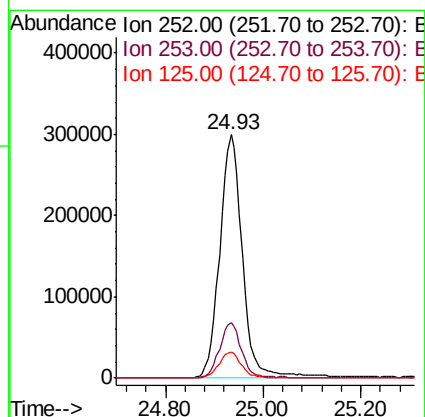
Manual Integrations
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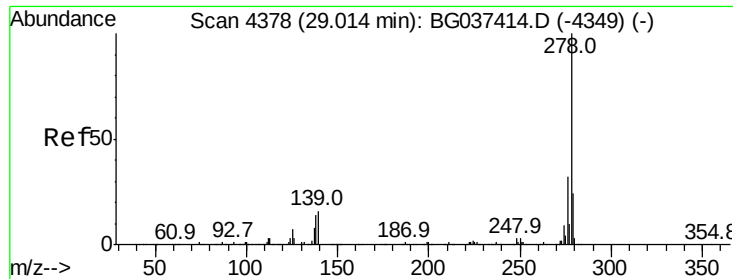
Sohil
11/6/2018 1:21:52 PM



#90
Benzo(a)pyrene
Concen: 53.185 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.9	9.0	13.6





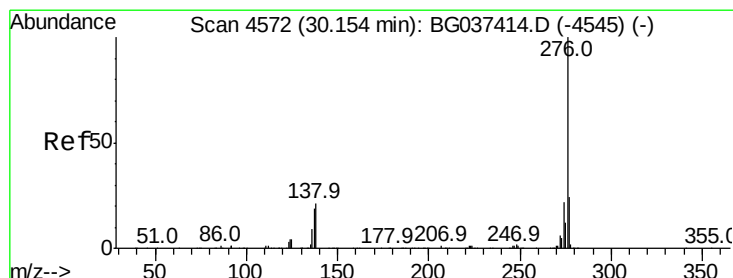
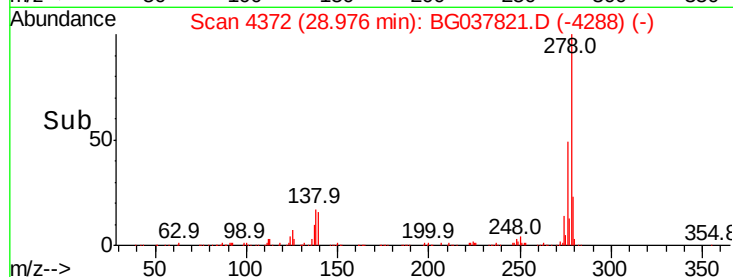
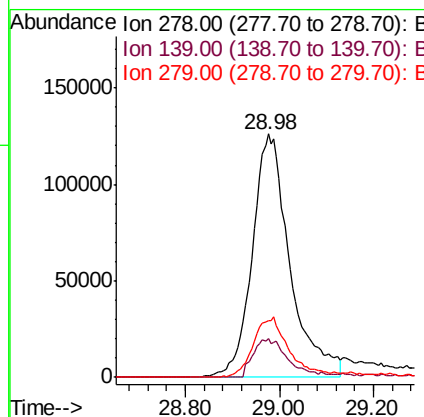
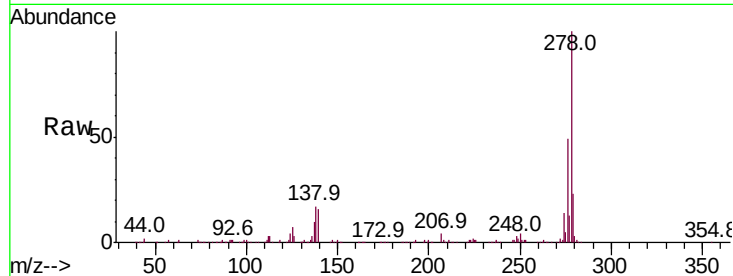
#91
Dibenzo(a,h)anthracene
Concen: 42.293 ng
RT: 28.98 min Scan# 4372
Delta R.T. -0.04 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Instrument :
BNA_G
ClientSampleId :
PB114495BS

Tot Ion:	278	Resp:	703347
Ion Ratio	Lower	Upper	
278	100		
139	16.1	11.5	17.3
279	23.5	18.6	27.8

Manual Integrations
APPROVED

Sohil
11/6/2018 1:21:52 PM



#92
Benzo(g,h,i)perylene
Concen: 46.788 ng
RT: 30.12 min Scan# 4566
Delta R.T. -0.04 min
Lab File: BG037821.D
Acq: 6 Nov 2018 2:53

Tgt Ion:	276	Resp:	787196
Ion Ratio	Lower	Upper	
276	100		
277	25.7	18.9	28.3
138	20.9	17.2	25.8

