

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
 Data File : BG037393.D
 Acq On : 17 Oct 2018 16:52
 Operator : JU/SJ
 Sample : PB113913BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Manual Integrations
 APPROVED

Sohil
 10/18/2018 2:25:25 PM

Quant Time: Oct 18 11:49:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 15:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54411	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	258211	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	173747	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	432654	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	398018	20.00	ng	-0.02
87) Perylene-d12	25.12	264	411790	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	492765	159.38	ng	0.00
7) Phenol-d6	7.26	99	694988	148.10	ng	0.00
23) Nitrobenzene-d5	9.29	82	353196	89.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	258964	151.98	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	888891	76.83	ng	-0.01
79) Terphenyl-d14	20.09	244	1167227	61.58	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	75891	43.706	ng	95
3) Pyridine	3.93	79	150852	36.591	ng	94
4) n-Nitrosodimethylamine	3.85	42	67020	41.861	ng	# 90
6) Aniline	7.43	93	218610	35.587	ng	100
8) 2-Chlorophenol	7.67	128	177666	49.100	ng	98
9) Benzaldehyde	7.25	77	91588	28.348	ng	96
10) Phenol	7.28	94	240277	48.616	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	159302	39.454	ng	93
12) 1,3-Dichlorobenzene	8.00	146	165085	38.809	ng	98
13) 1,4-Dichlorobenzene	8.15	146	171299	39.775	ng	97
14) 1,2-Dichlorobenzene	8.47	146	163982	39.294	ng	99
15) Benzyl Alcohol	8.35	79	162741	44.335	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	293002	36.707	ng	97
17) 2-Methylphenol	8.54	107	164707	49.760	ng	99
18) Hexachloroethane	9.19	117	61104	41.570	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	137886	38.810	ng	92
20) 3+4-Methylphenols	8.87	107	227955	49.253	ng	98
22) Acetophenone	8.94	105	256822	39.457	ng	# 97
24) Nitrobenzene	9.33	77	192309	45.716	ng	96
25) Isophorone	9.85	82	392380	43.764	ng	99
26) 2-Nitrophenol	10.04	139	90730	55.441	ng	99
27) 2,4-Dimethylphenol	10.08	122	193979	51.761	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	238464	42.511	ng	94
29) 2,4-Dichlorophenol	10.57	162	190844	50.167	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	179401	38.755	ng	97
31) Naphthalene	10.99	128	539393	42.983	ng	100
32) Benzoic acid	10.21	122	112580	54.405	ng	96
33) 4-Chloroaniline	11.09	127	156452	26.577	ng	98
34) Hexachlorobutadiene	11.25	225	105419	36.672	ng	97
35) Caprolactam	11.87	113	74110m	47.787	ng	
36) 4-Chloro-3-methylphenol	12.19	107	211802	47.143	ng	97
37) 2-Methylnaphthalene	12.58	142	421829	46.062	ng	99
38) 1-Methylnaphthalene	12.80	142	398757	44.582	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	213407	37.928	ng	99

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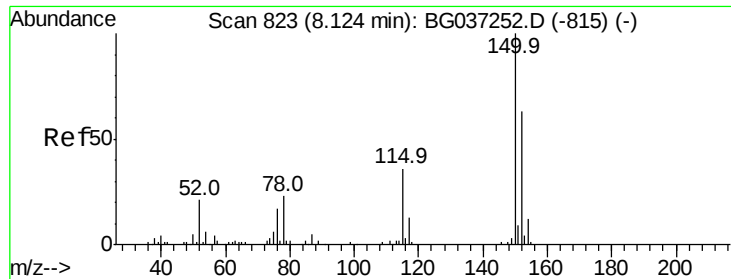
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	258608	111.488	nq	99
43) 2,4,6-Trichlorophenol	13.18	196	164006	50.245	nq	100
44) 2,4,5-Trichlorophenol	13.24	196	179802	51.197	nq	98
46) 1,1'-Biphenyl	13.58	154	547004	38.272	nq	98
47) 2-Chloronaphthalene	13.62	162	427580	39.605	nq	98
48) 2-Nitroaniline	13.83	65	144711	49.296	nq	99
49) Acenaphthylene	14.47	152	722723	43.761	nq	99
50) Dimethylphthalate	14.19	163	578104	42.339	nq	100
51) 2,6-Dinitrotoluene	14.32	165	129281	48.669	nq	94
52) Acenaphthene	14.81	154	423176	41.483	nq	99
53) 3-Nitroaniline	14.65	138	109079	38.182	nq	# 95
54) 2,4-Dinitrophenol	14.86	184	79295	116.057	nq	95
55) Dibenzofuran	15.14	168	676819	40.888	nq	99
56) 4-Nitrophenol	14.94	139	229259	102.950	nq	99
57) 2,4-Dinitrotoluene	15.11	165	179710	52.921	nq	95
58) Fluorene	15.79	166	549383	43.885	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160907	51.750	nq	99
60) Diethylphthalate	15.55	149	594479	42.011	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	287969	39.353	nq	99
62) 4-Nitroaniline	15.82	138	146385	48.819	nq	94
63) Azobenzene	16.07	77	548039	40.394	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77377	56.005	nq	99
66) n-Nitrosodiphenylamine	15.99	169	511546	40.261	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	185449	39.716	nq	97
68) Hexachlorobenzene	16.78	284	186792	38.583	nq	99
69) Atrazine	16.94	200	201342	42.636	nq	97
70) Pentachlorophenol	17.13	266	233100	74.627	nq	96
71) Phenanthrene	17.54	178	922767	41.899	nq	99
72) Anthracene	17.63	178	942895	43.740	nq	97
73) Carbazole	17.90	167	877837	39.523	nq	99
74) Di-n-butylphthalate	18.44	149	1026376	43.115	nq	100
75) Fluoranthene	19.54	202	1104270	42.899	nq	97
77) Benzidine	19.72	184	537985	35.332	nq	99
78) Pyrene	19.90	202	1106557	42.658	nq	99
80) Butylbenzylphthalate	20.78	149	471588	46.726	nq	97
81) Benzo(a)anthracene	21.76	228	1032389	43.309	nq	98
82) 3,3'-Dichlorobenzidine	21.67	252	270156	29.380	nq	97
83) Chrysene	21.83	228	956786	42.077	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	655806	45.251	nq	98
85) Di-n-octyl phthalate	22.89	149	1110208	47.197	nq	97
86) Indeno(1,2,3-cd)pyrene	28.96	276	1103889	43.798	nq	98
88) Benzo(b)fluoranthene	24.05	252	1012843	45.240	nq	99
89) Benzo(k)fluoranthene	24.12	252	987099m	44.682	nq	
90) Benzo(a)pyrene	24.96	252	989381	46.086	nq	99
91) Dibenzo(a,h)anthracene	29.02	278	905349	44.075	nq	97
92) Benzo(g,h,i)perylene	30.17	276	922206	44.952	nq	99

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



#1

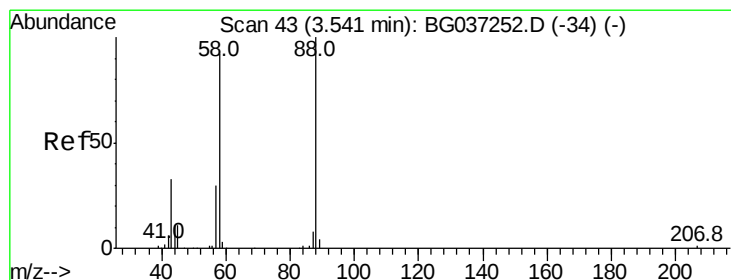
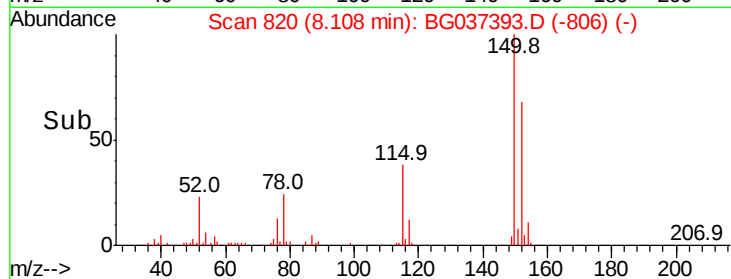
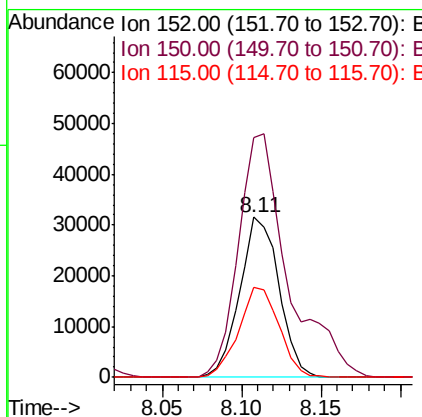
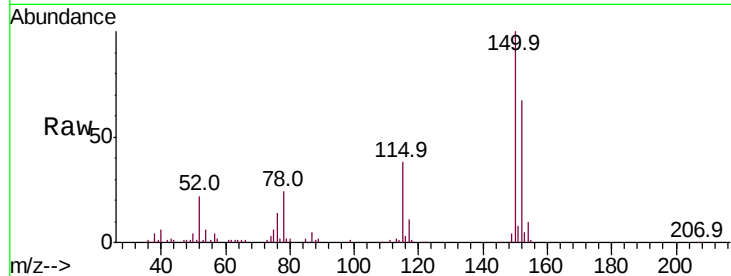
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.0	189.0
115	56.6	45.5	68.3

Manual Integrations
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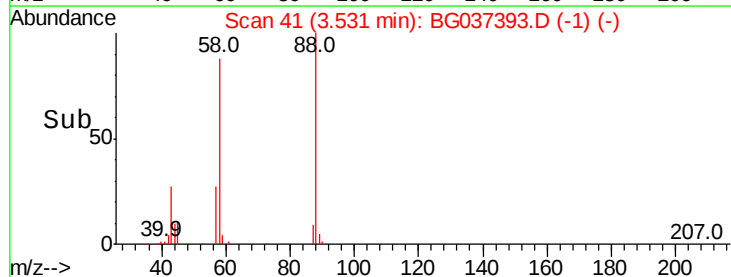
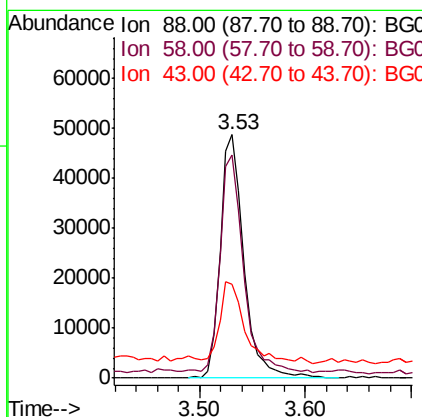
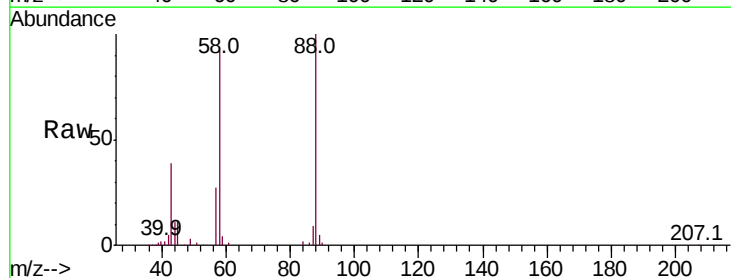
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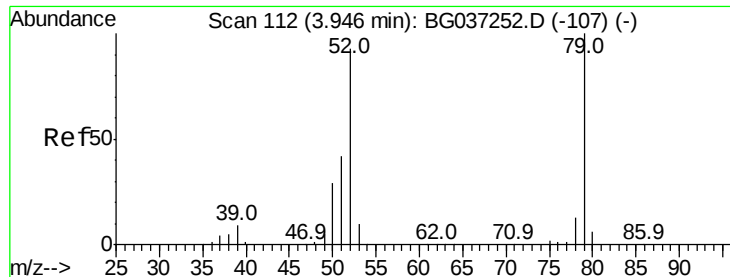


#2

1,4-Dioxane
Concen: 43.706 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	74.4	111.6
43	32.5	25.8	38.8





#3

Pvridine

Concen: 36.591 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

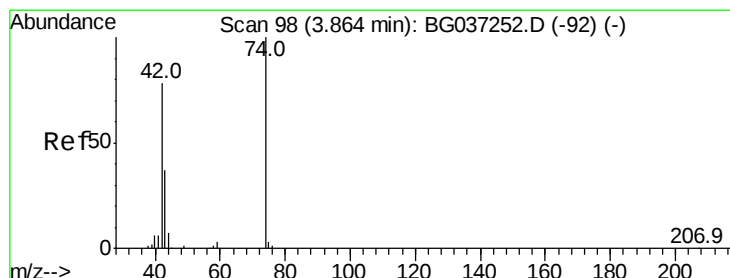
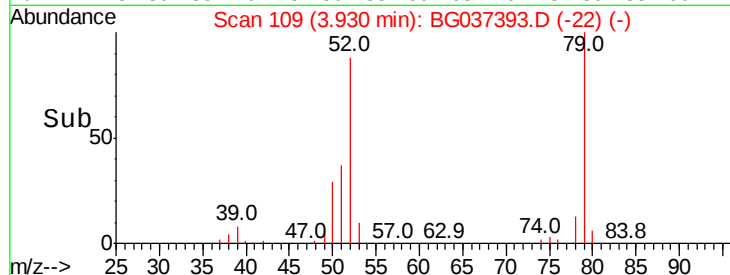
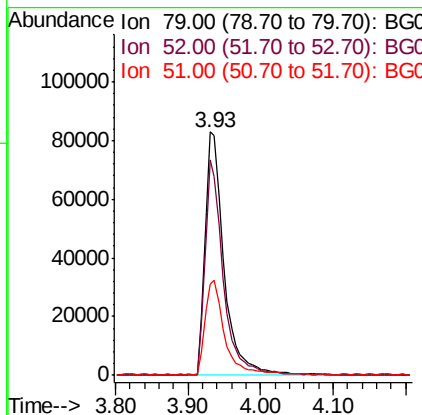
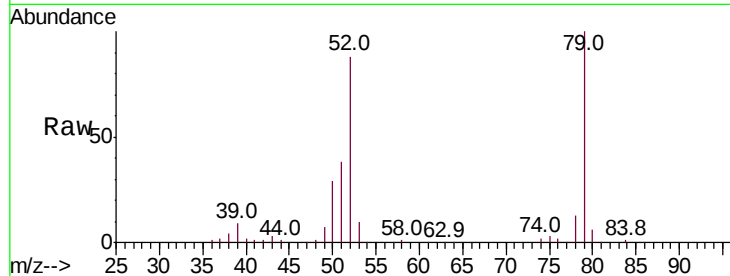
ClientSampleId :

PB113913BS

Tot Ion:	79	Resp:	150852
Ion Ratio	Lower	Upper	
79	100		
52	88.4	74.2	111.2
51	37.6	34.6	51.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.861 ng

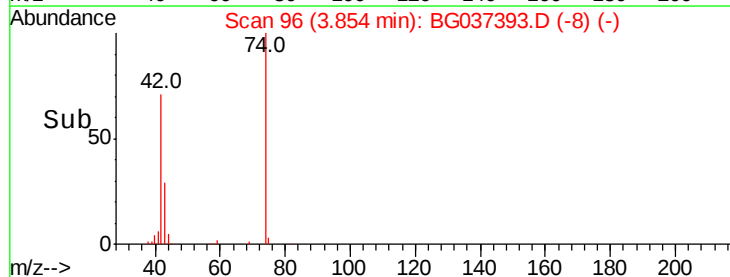
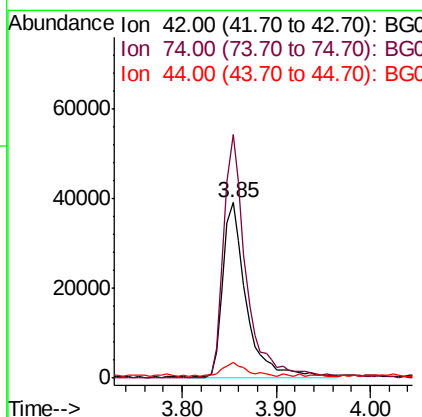
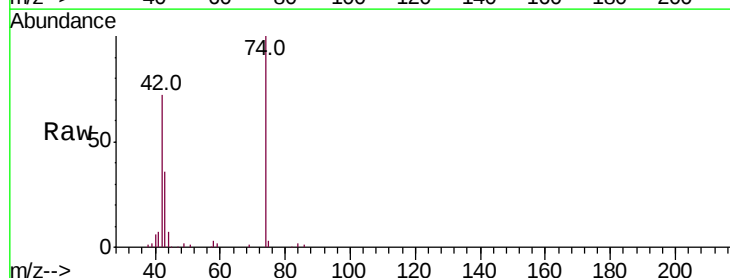
RT: 3.85 min Scan# 96

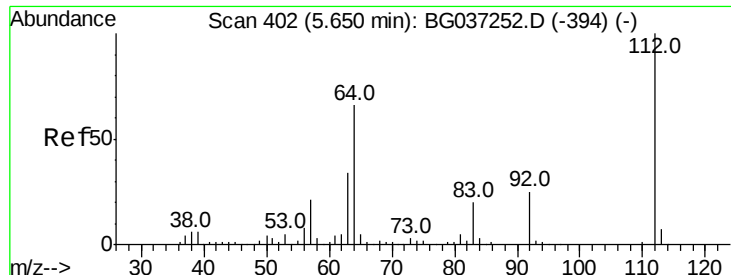
Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion:	42	Resp:	67020
Ion Ratio	Lower	Upper	
42	100		
74	138.8	102.0	153.0
44	9.1	9.6	14.4#





#5

2-Fluorophenol

Concen: 159.383 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

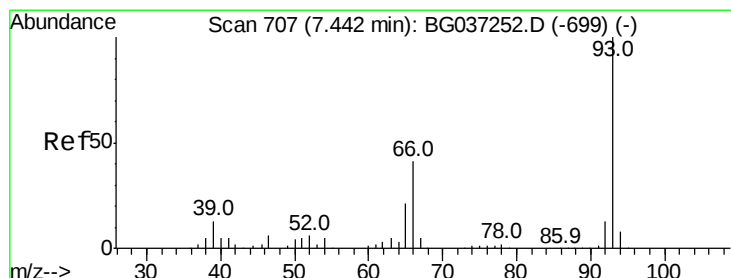
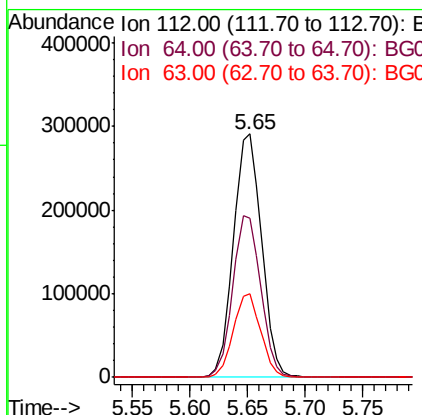
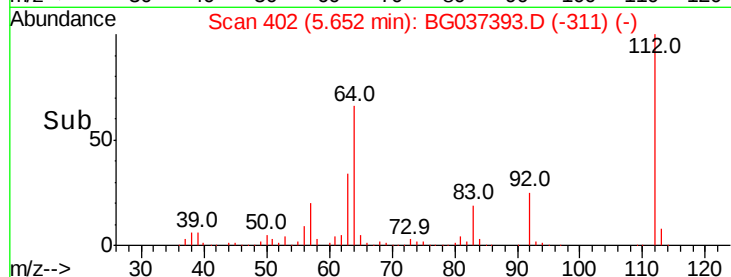
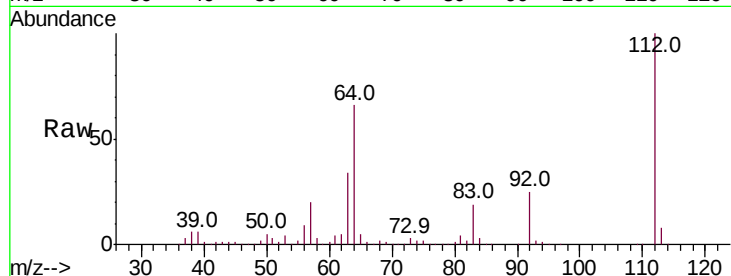
ClientSampleId :

PB113913BS

Tot Ion:	112	Resp:	492765
Ion Ratio	Lower	Upper	
112	100		
64	65.6	53.1	79.7
63	34.3	27.3	40.9

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#6

Aniline

Concen: 35.587 ng

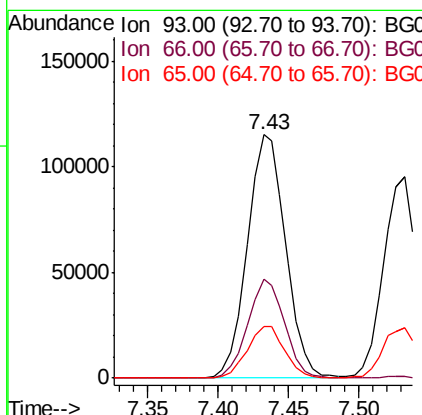
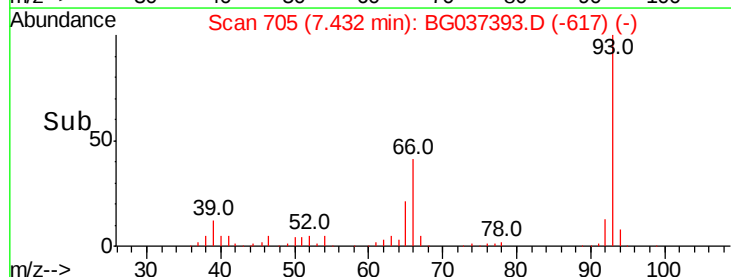
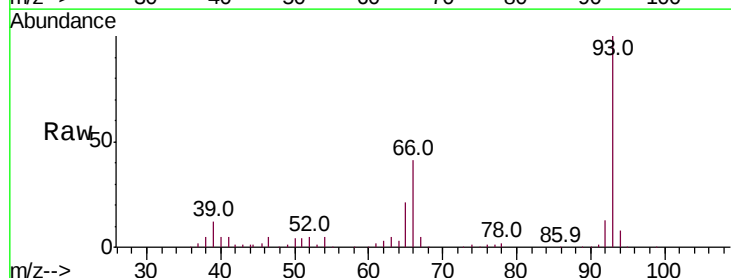
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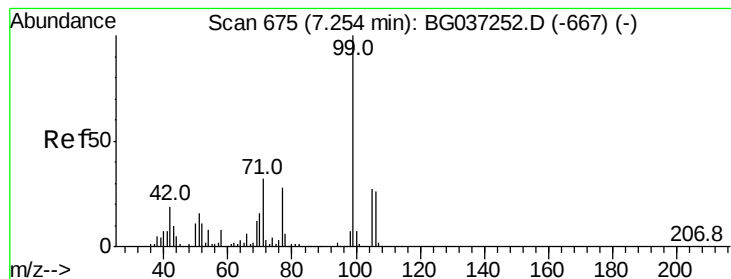
Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion:	93	Resp:	218610
Ion Ratio	Lower	Upper	
93	100		
66	40.9	32.8	49.2
65	21.0	16.4	24.6





#7

Phenol-d6

Concen: 148.100 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

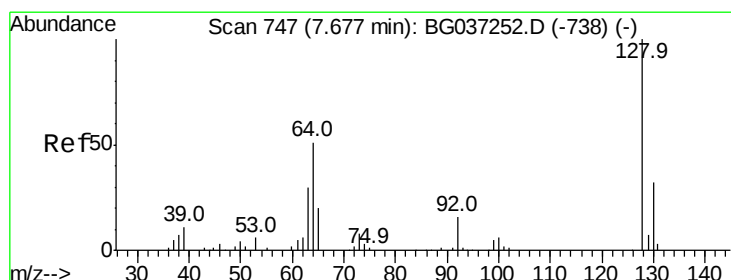
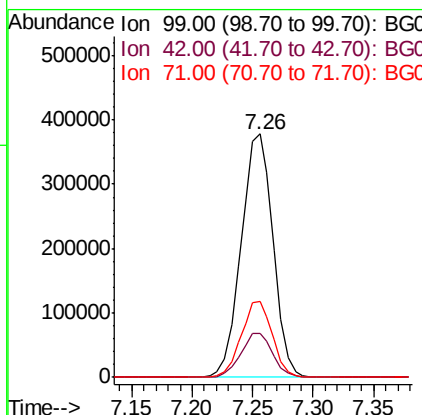
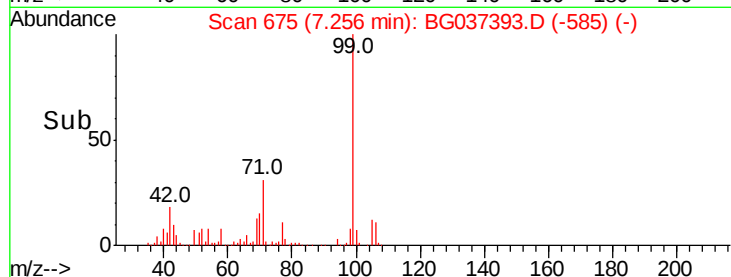
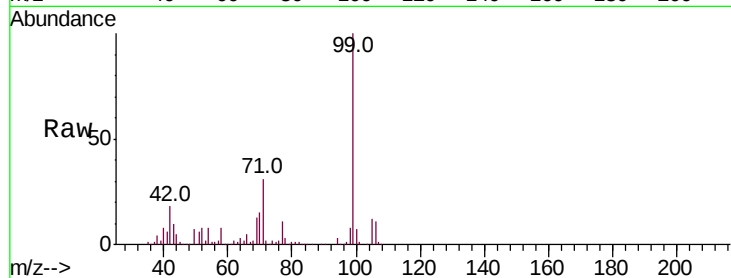
ClientSampled :

PB113913BS

Tot Ion	99	Resp	694988
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.0	22.4
71	31.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 49.100 ng

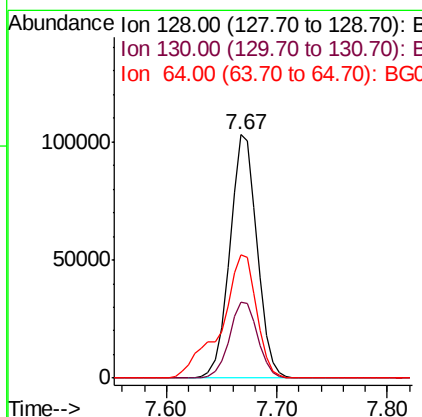
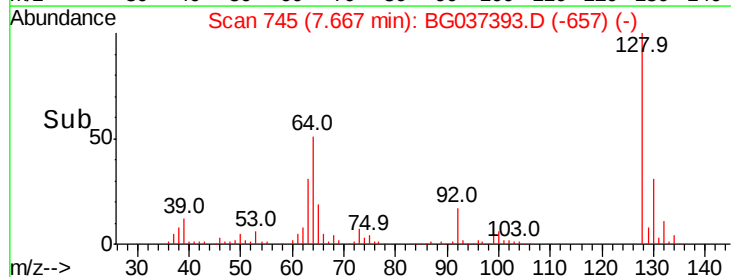
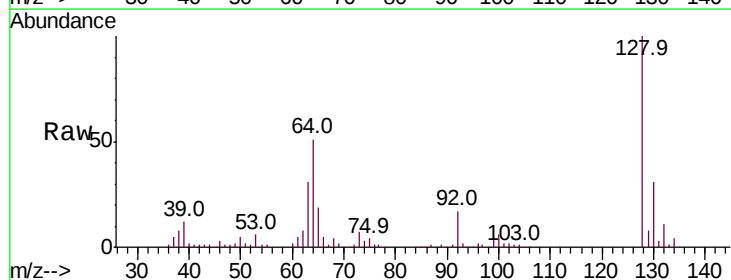
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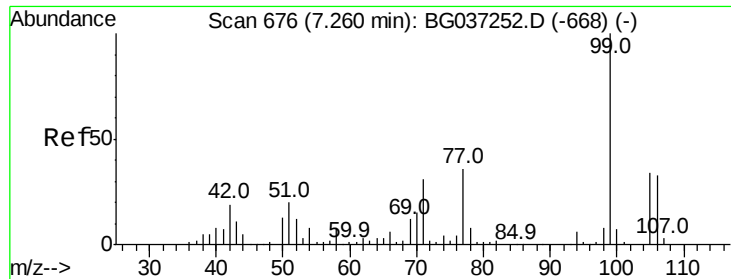
Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion	128	Resp	177666
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.0	52.0
64	50.6	32.9	72.9





#9

Benzaldehyde

Concen: 28.348 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

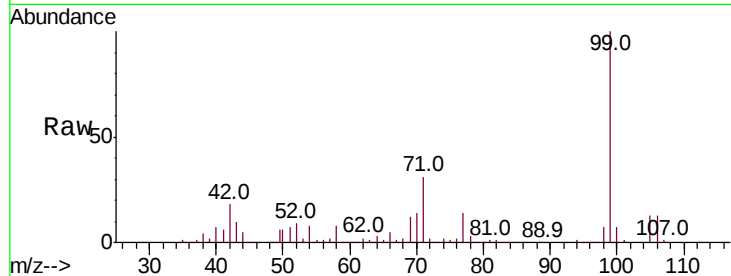
PB113913BS

Tot Ion: 77 Resp: 91588

Ion	Ratio	Lower	Upper
77	100		
105	97.0	72.6	112.6
106	93.6	71.3	111.3

Manual Integrations
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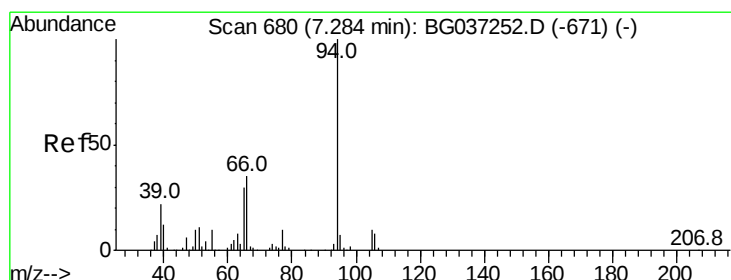
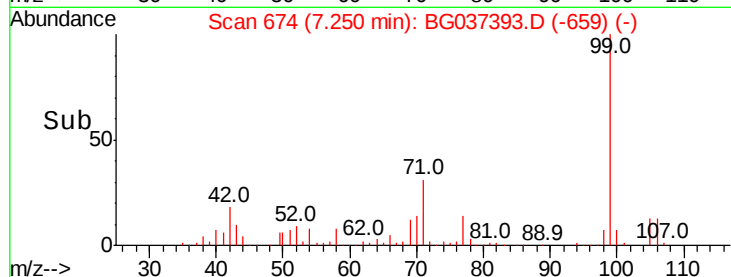
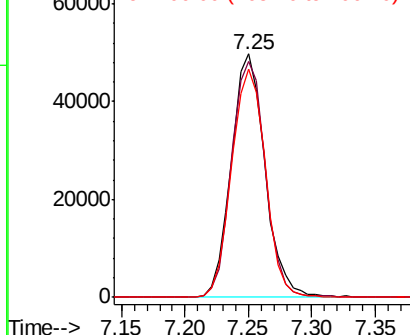


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.616 ng

RT: 7.28 min Scan# 679

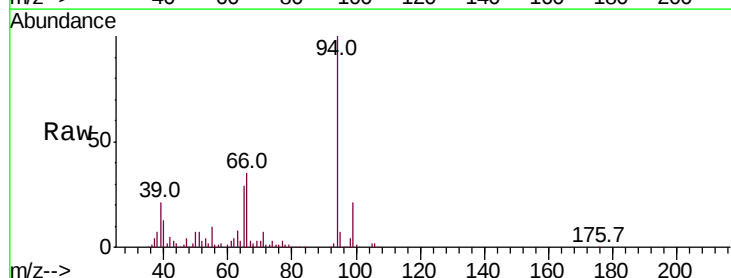
Delta R.T. -0.00 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion: 94 Resp: 240277

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.7	49.7
66	35.5	15.9	55.9

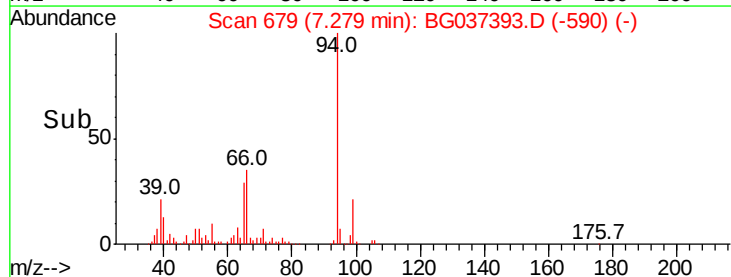
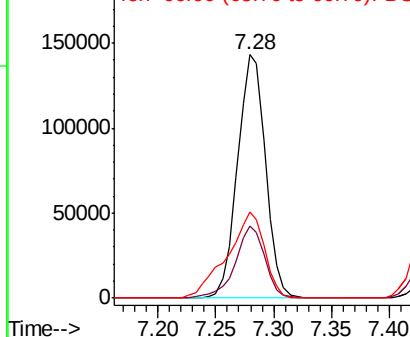


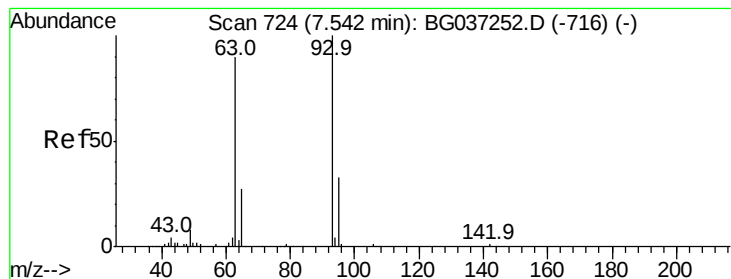
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





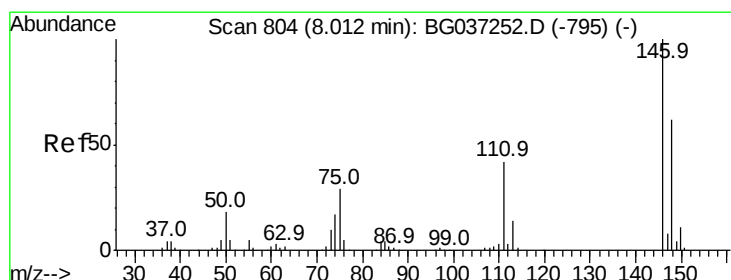
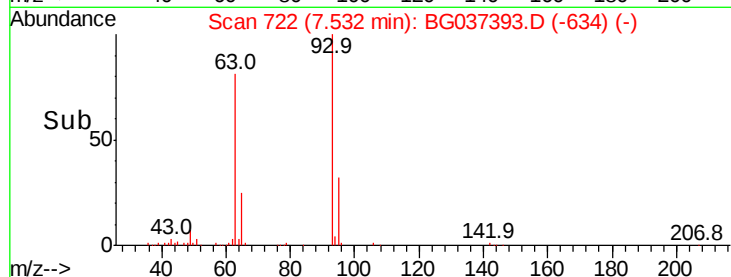
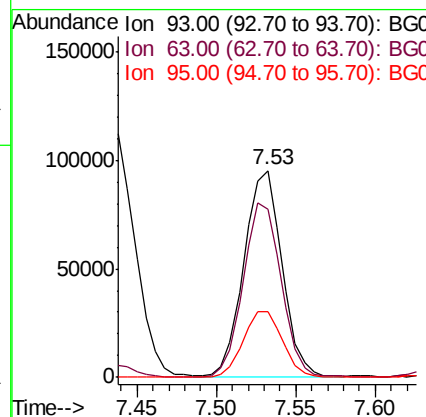
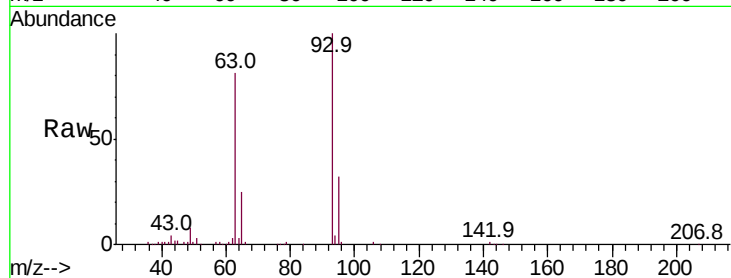
#11
bis(2-Chloroethyl)ether
Concen: 39.454 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	69.5	109.5
95	32.0	12.6	52.6

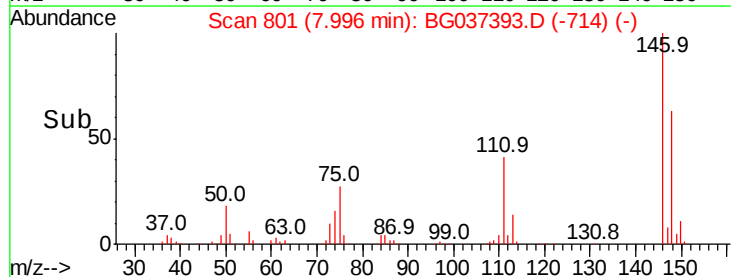
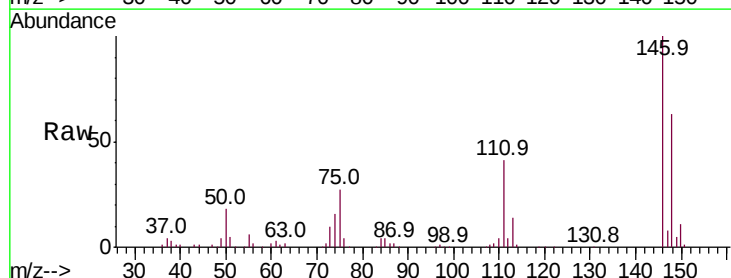
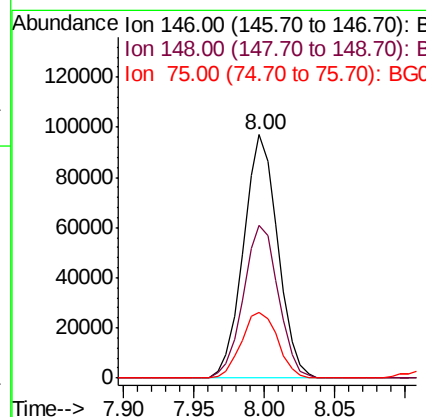
Manual Integrations
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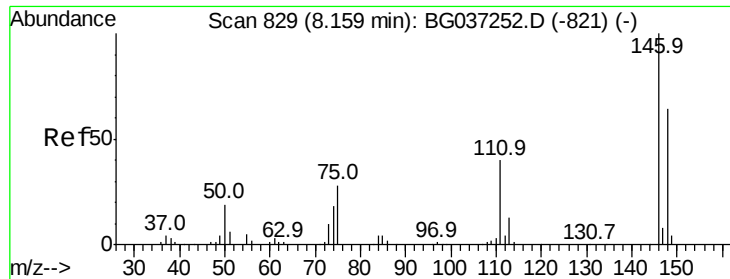
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.809 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	49.8	74.8
75	27.2	23.2	34.8





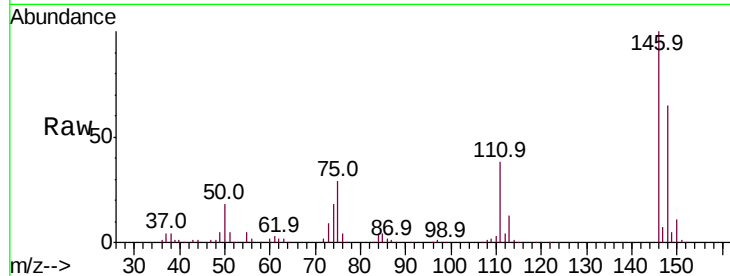
#13
 1,4-Dichlorobenzene
 Concen: 39.775 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	37.7	32.4	48.6

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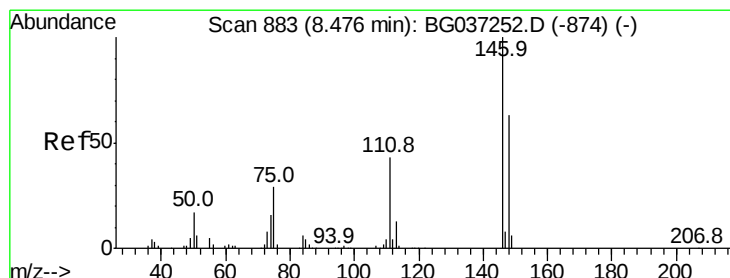
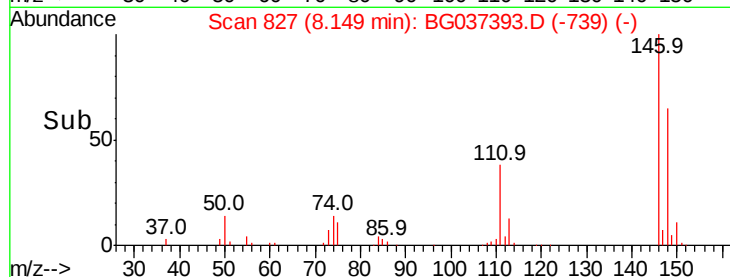
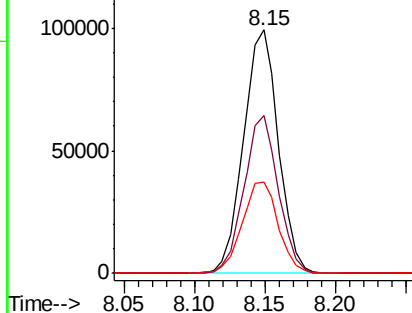


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.294 ng
 RT: 8.47 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

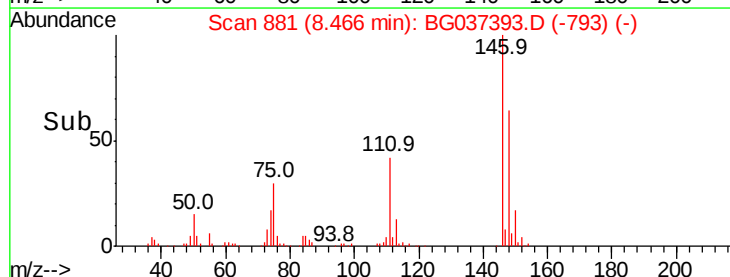
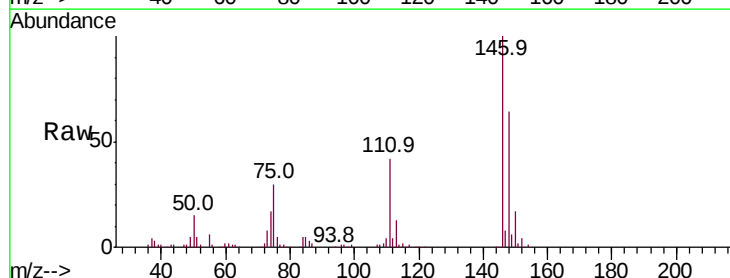
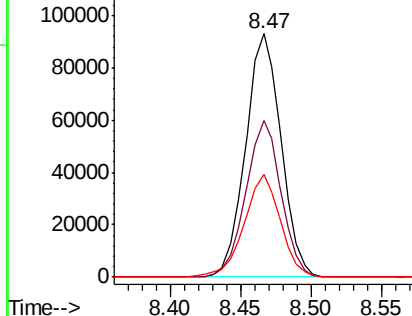
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	42.2	34.6	51.8

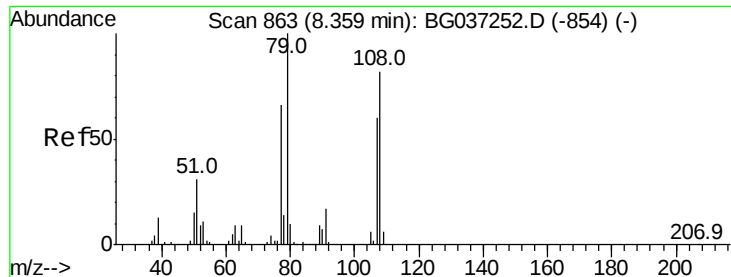
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.335 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

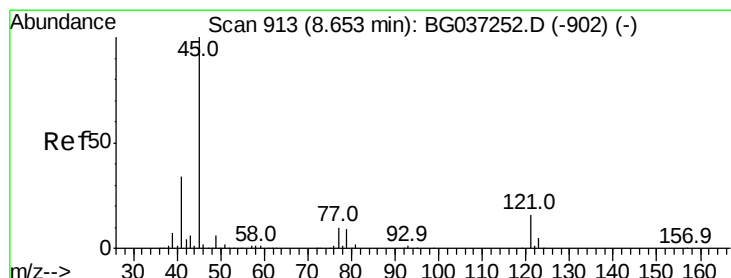
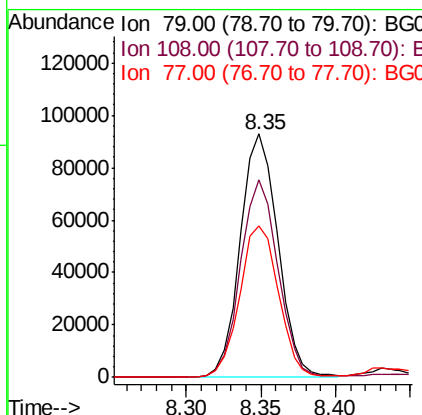
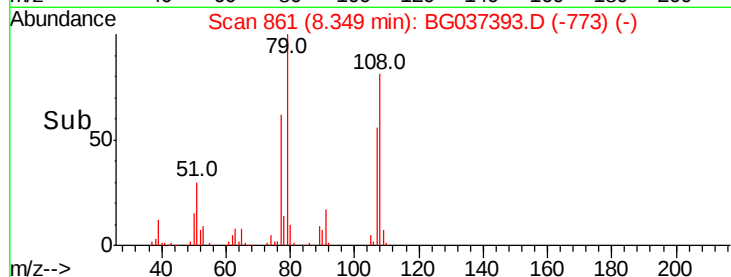
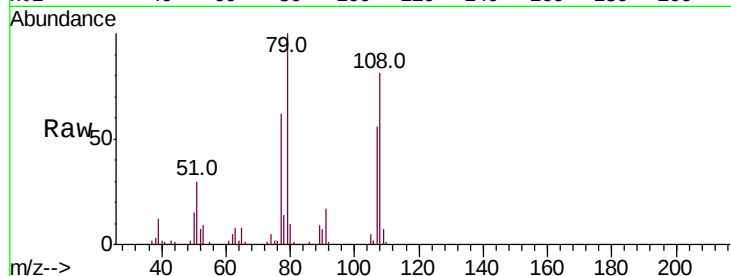
ClientSampleId :

PB113913BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.8	98.8
77	62.5	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.707 ng

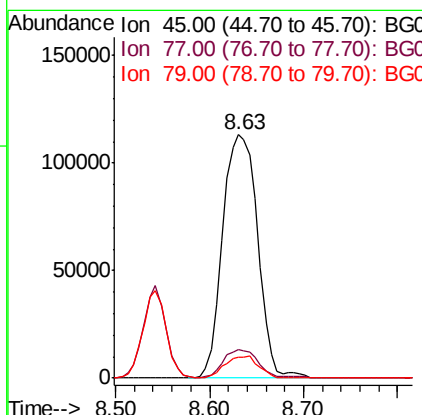
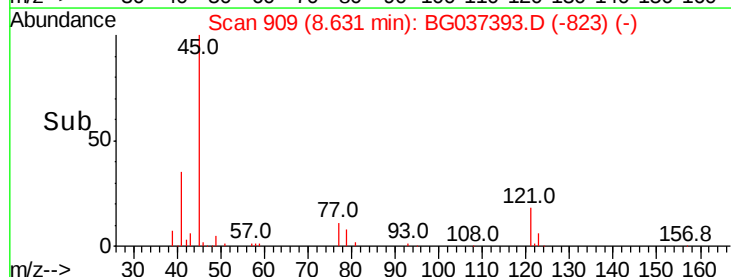
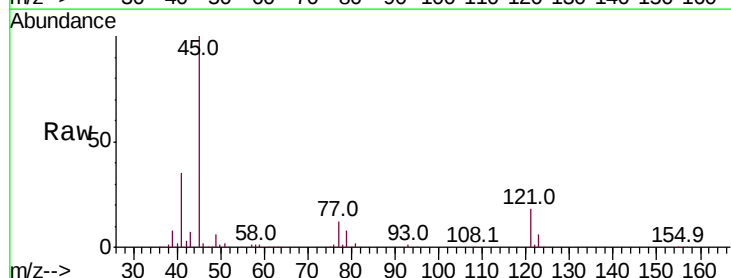
RT: 8.63 min Scan# 909

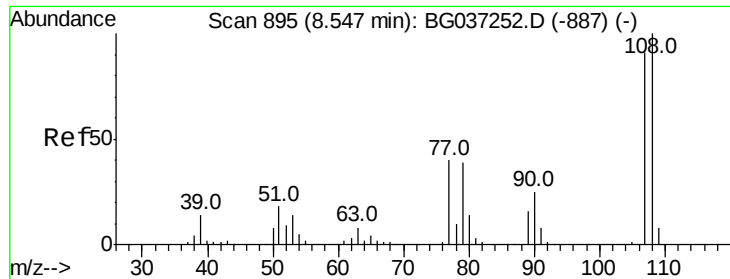
Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	30.0
79	8.5	0.0	29.0





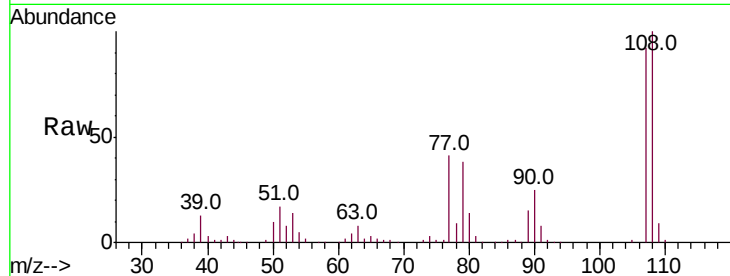
#17
2-Methylphenol
Concen: 49.760 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.5	87.9	131.9	
77	44.5	35.1	52.7	
79	41.7	34.5	51.7	

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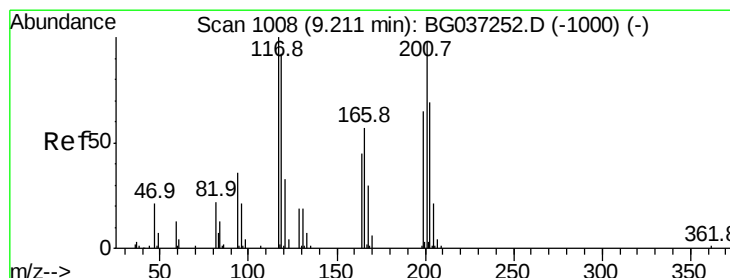
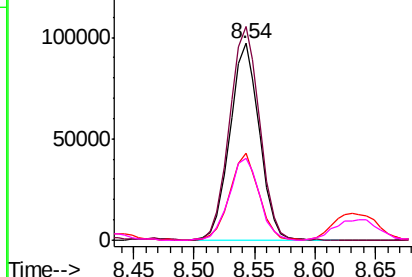
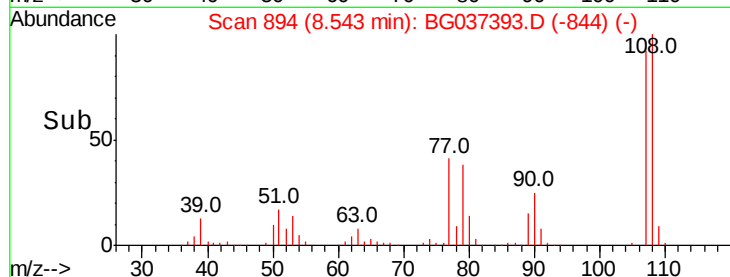
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

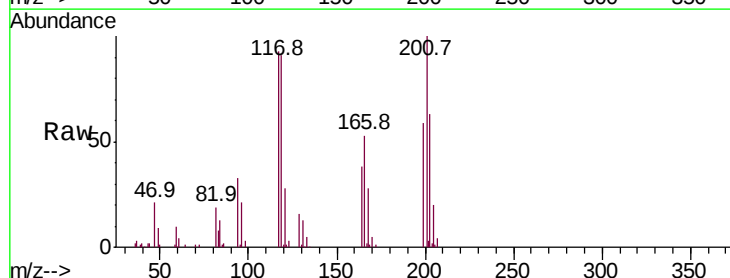
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.570 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	74.6	111.8	
201	109.9	80.8	121.2	

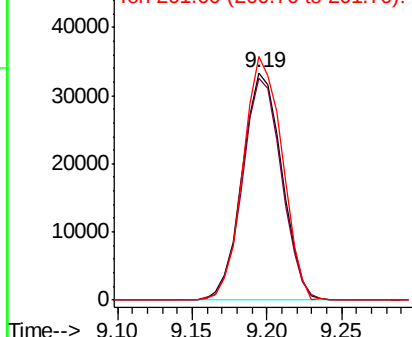
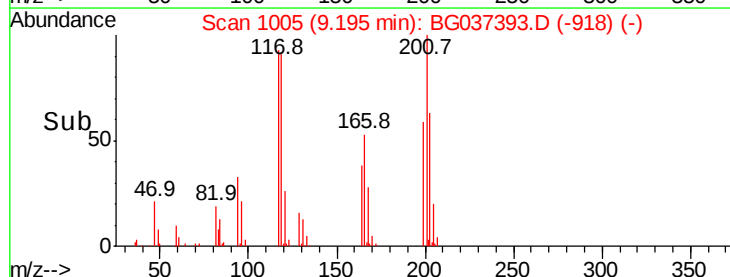


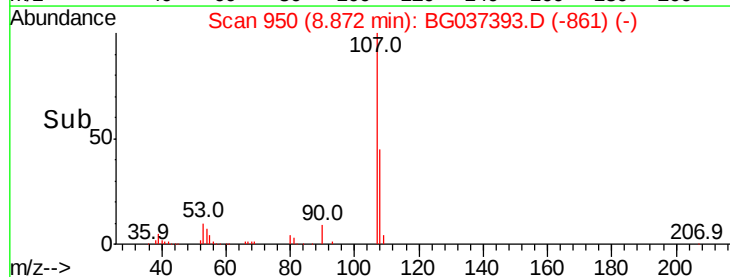
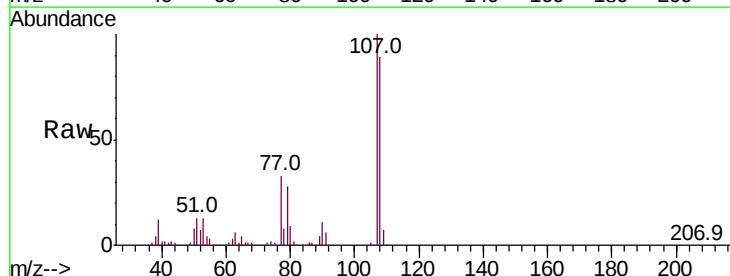
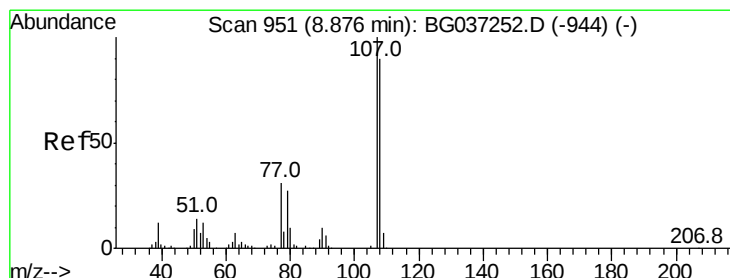
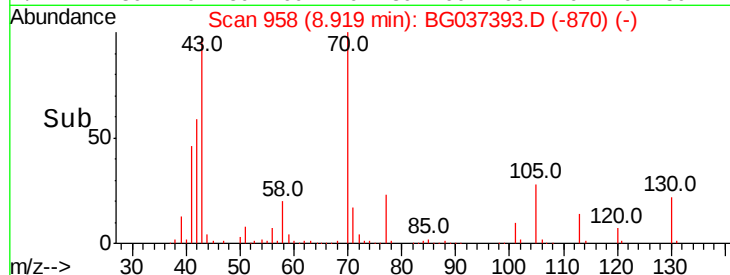
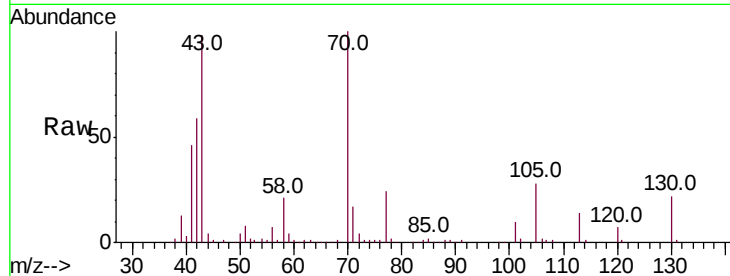
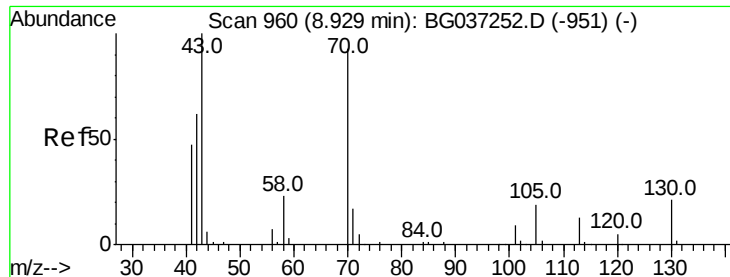
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





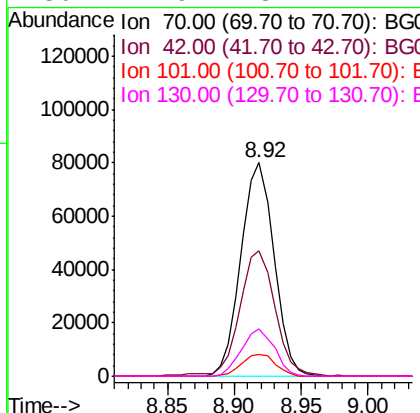
#19
n-Nitroso-di-n-propylamine
Concen: 38.810 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.8	53.9	80.9	
101	10.2	8.2	12.2	
130	21.9	18.2	27.4	

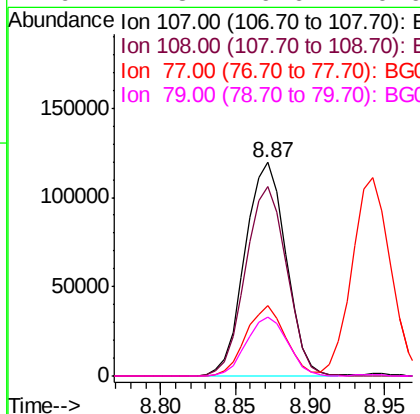
Manual Integrations
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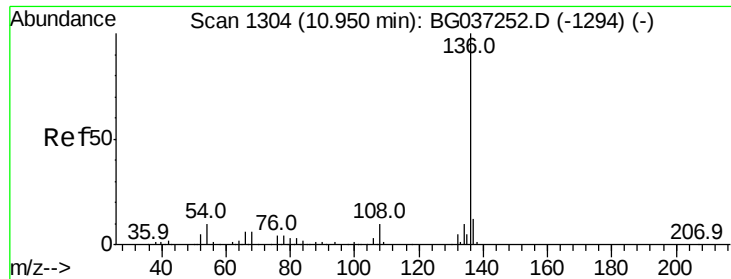
Sohil
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#20
3+4-Methylphenols
Concen: 49.253 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	69.9	109.9	
77	32.7	11.2	51.2	
79	27.8	6.6	46.6	





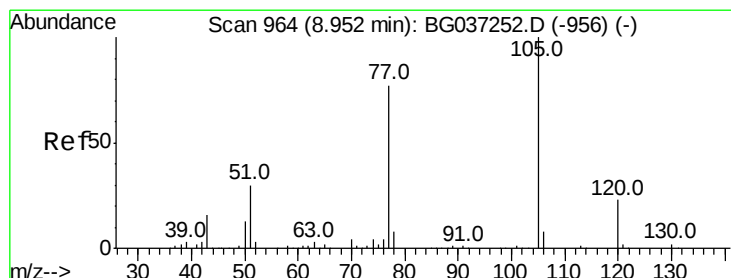
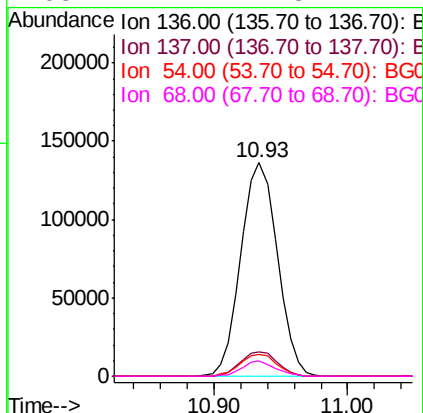
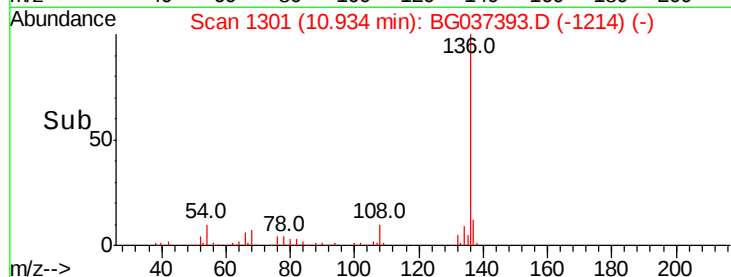
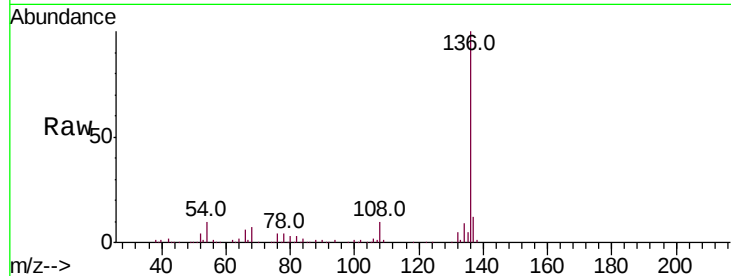
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	258211		
137	11.5	9.6	14.4	
54	10.4	7.9	11.9	
68	7.1	4.8	7.2	

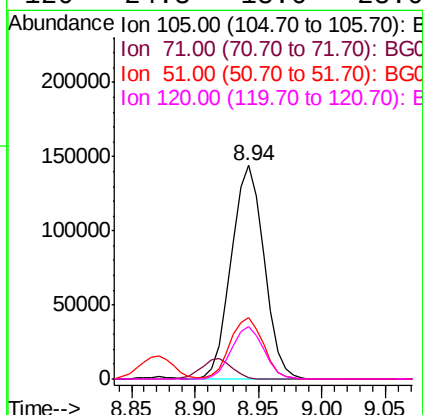
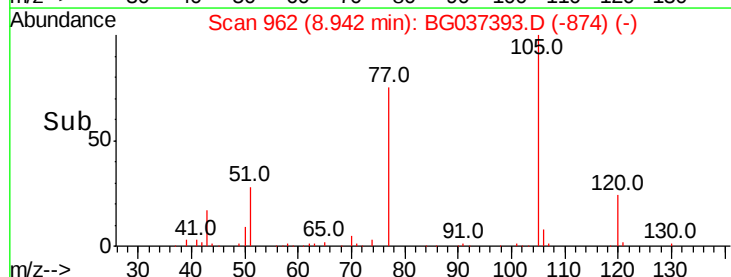
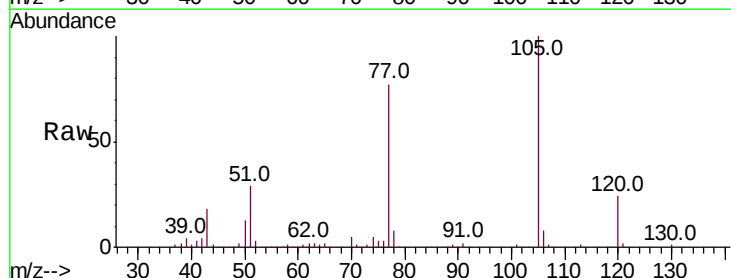
Manual Integrations
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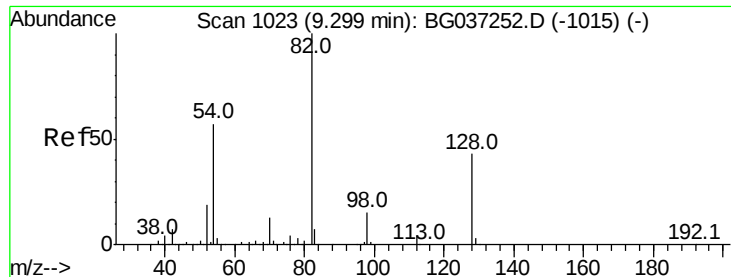
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#22
Acetophenone
Concen: 39.457 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256822		
71	0.9	1.2	1.8#	
51	28.8	25.0	37.6	
120	24.3	18.6	28.0	





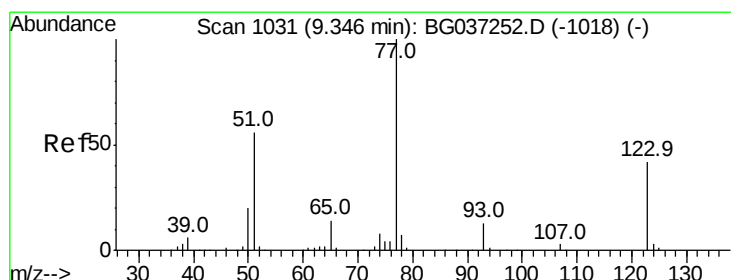
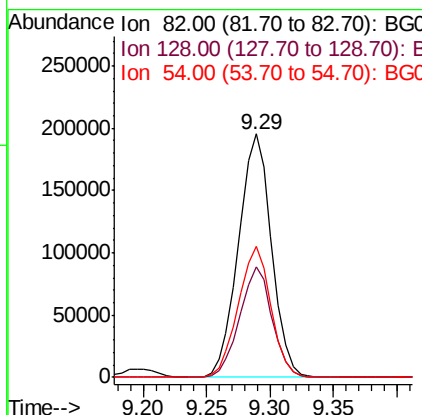
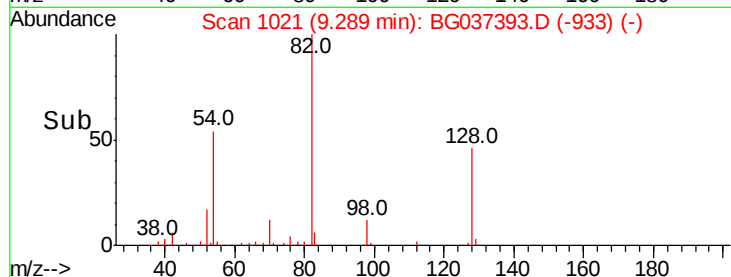
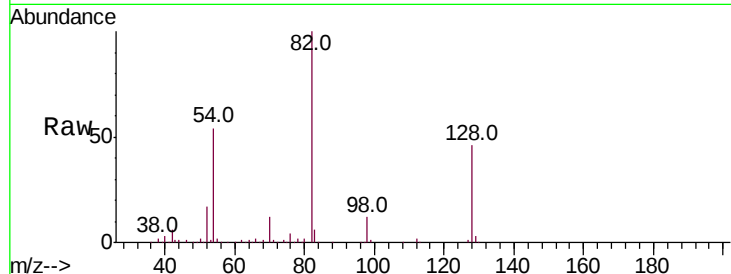
#23
Nitrobenzene-d5
Concen: 89.930 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	53.6	45.3	67.9

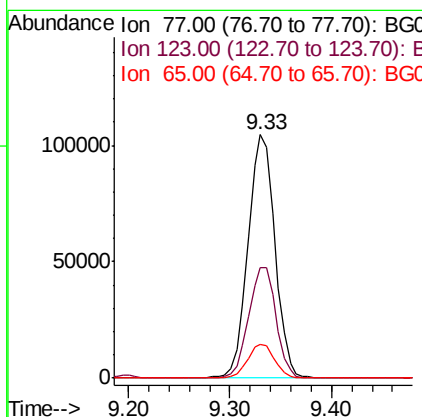
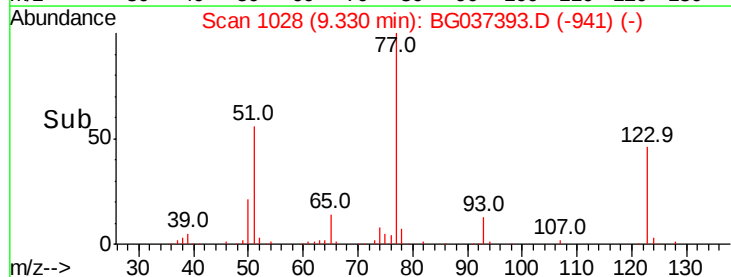
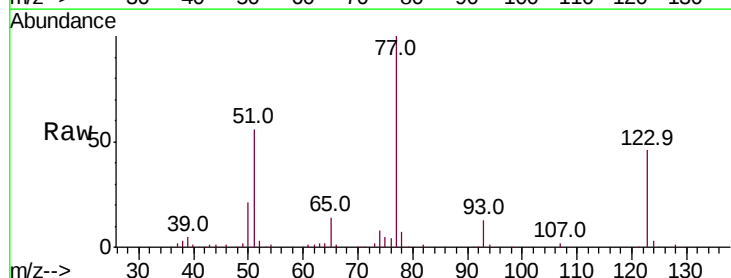
Manual Integrations
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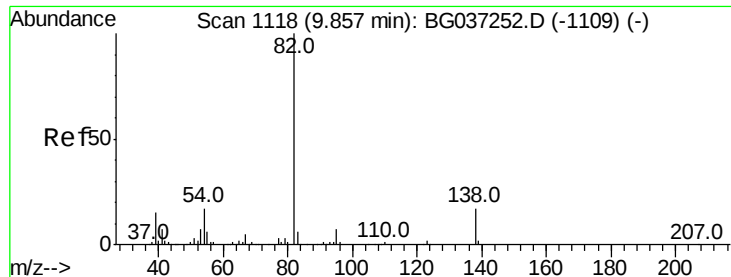
Sohil
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#24
Nitrobenzene
Concen: 45.716 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.6	50.4
65	13.8	11.3	16.9





#25

Isophorone

Concen: 43.764 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

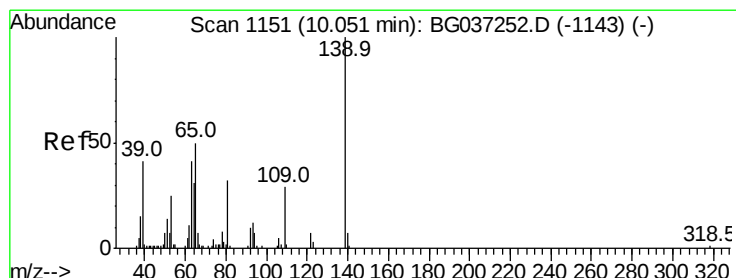
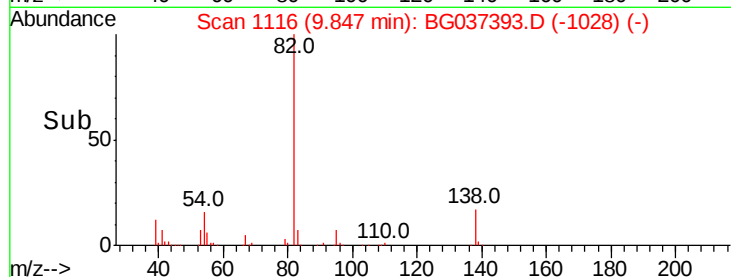
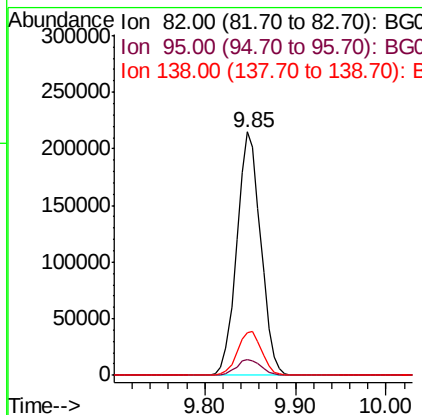
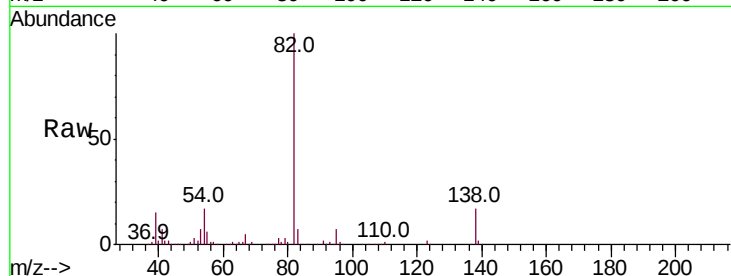
ClientSampleId :

PB113913BS

Tot Ion	82	Resp	392380
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	17.3	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.441 ng

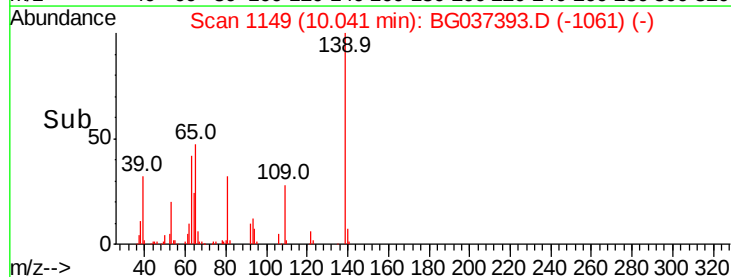
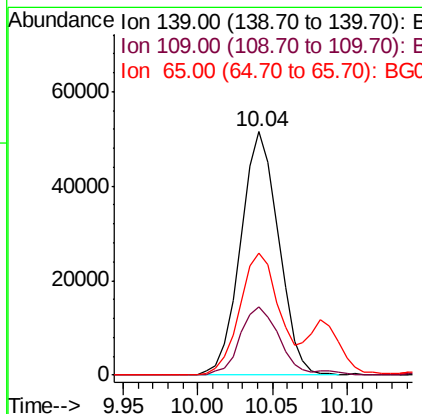
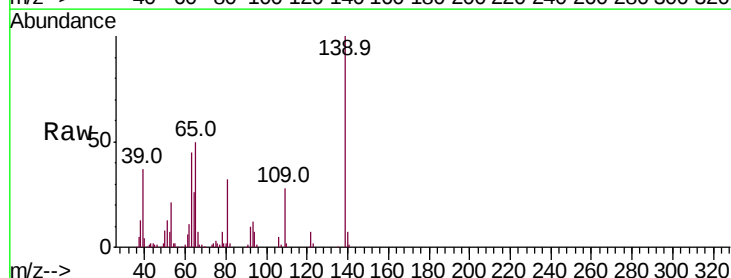
RT: 10.04 min Scan# 1149

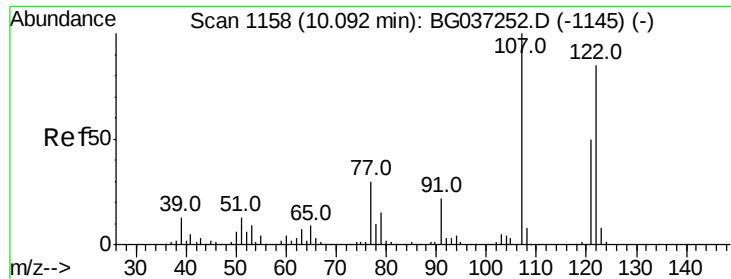
Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion	139	Resp	90730
Ion Ratio	Lower	Upper	
139	100		
109	28.3	23.3	34.9
65	49.9	39.8	59.8





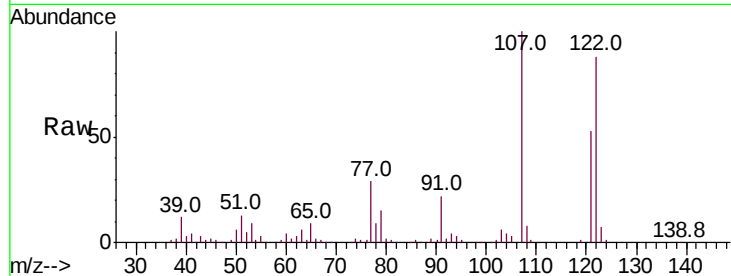
#27
2,4-Dimethylphenol
Concen: 51.761 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	94.2	141.2
121	59.8	47.3	70.9

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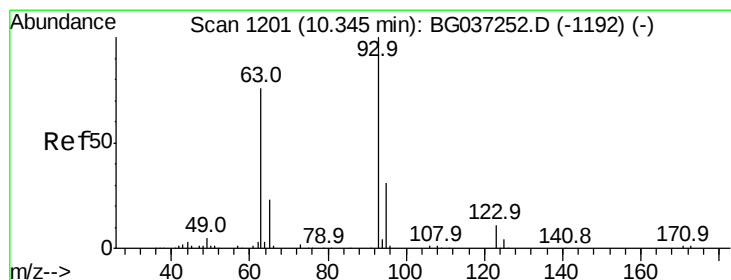
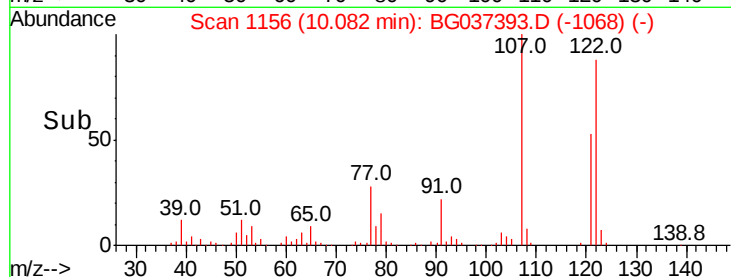
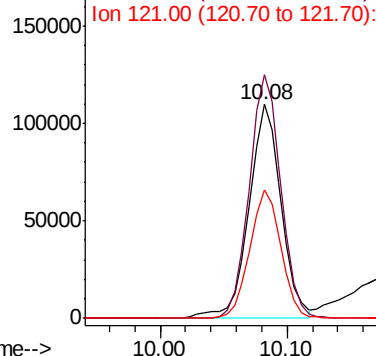


Abundance

Ion 122.00 (121.70 to 122.70): E

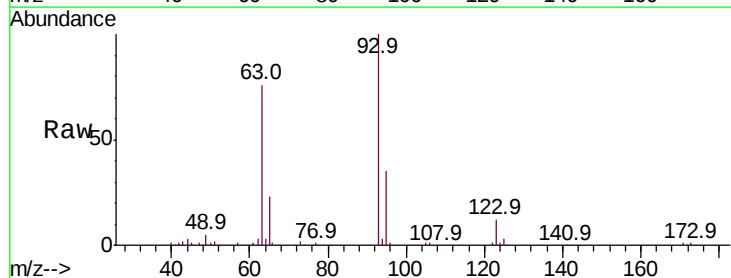
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.511 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.2	24.6	37.0
123	12.4	9.1	13.7

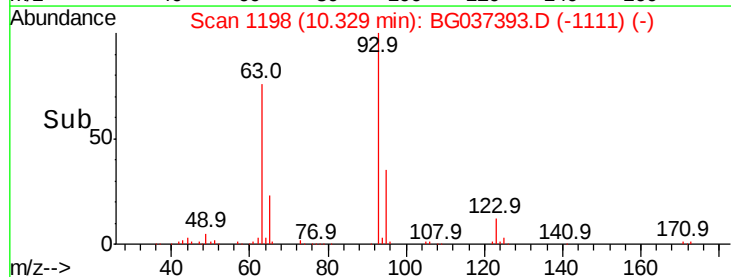
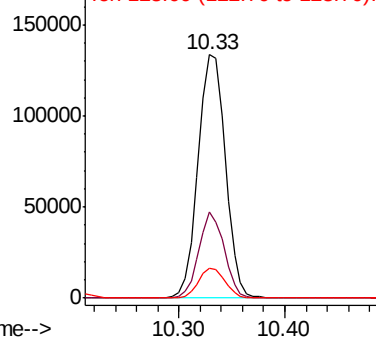


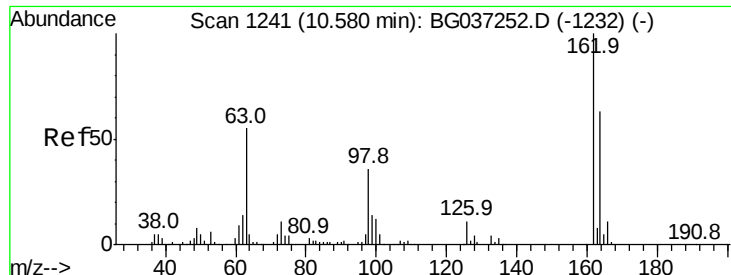
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





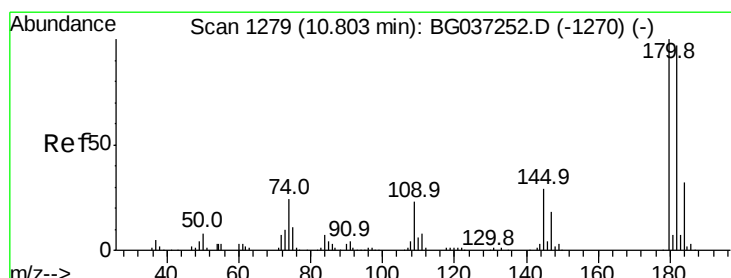
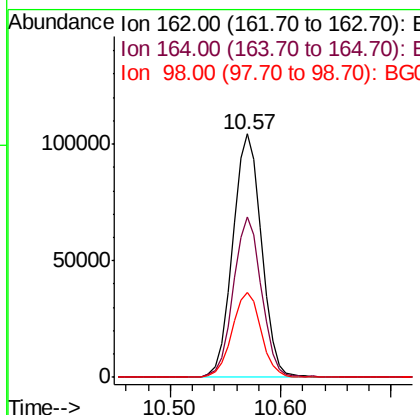
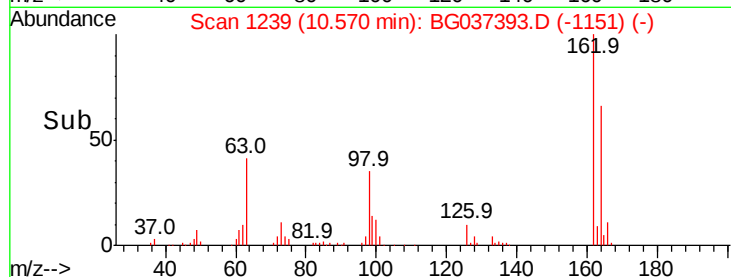
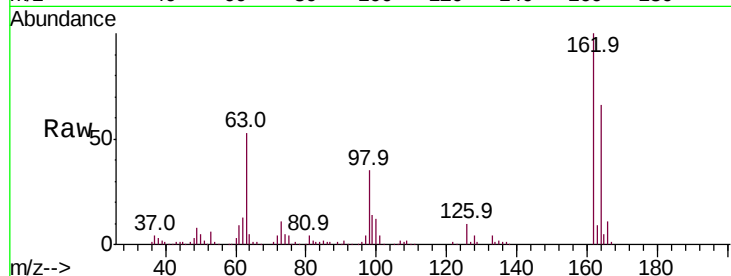
#29
 2,4-Dichlorophenol
 Concen: 50.167 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleID :
 PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	190844		
164	65.8	43.2	83.2	
98	34.8	16.0	56.0	

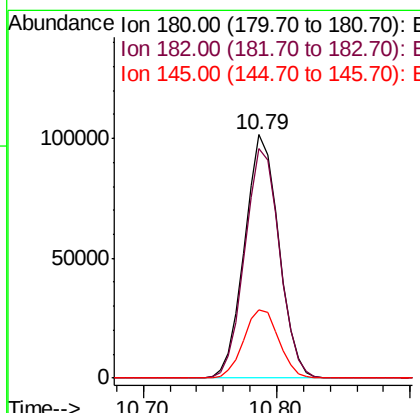
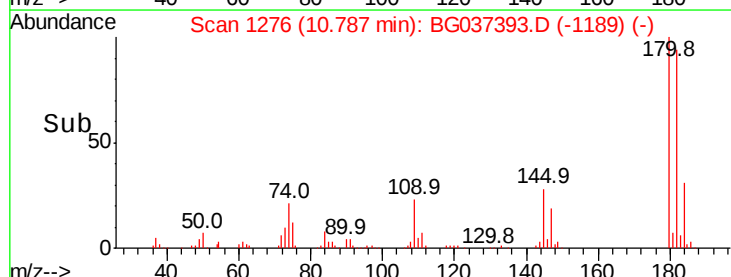
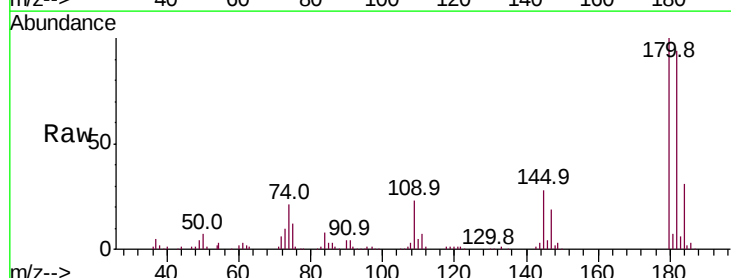
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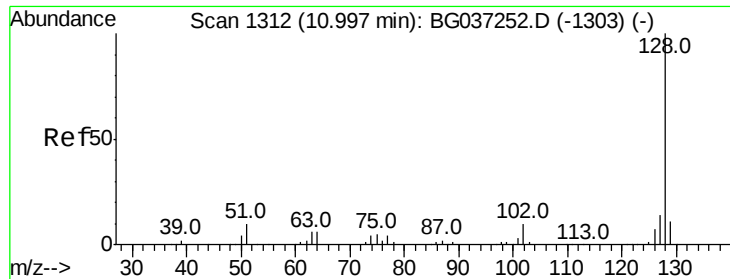
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.755 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179401		
182	94.4	77.7	116.5	
145	27.8	23.3	34.9	





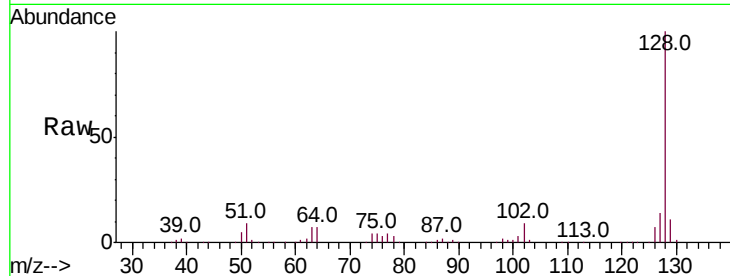
#31
Naphthalene
Concen: 42.983 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.6	
127	14.1	11.1	16.7	

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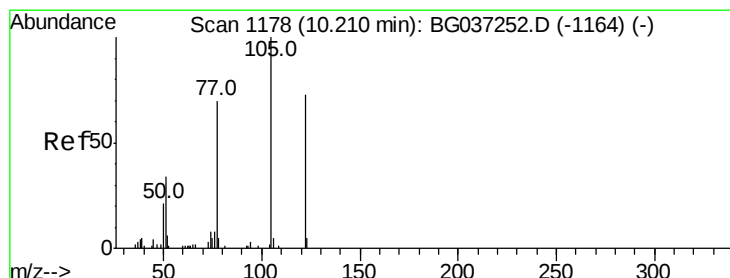
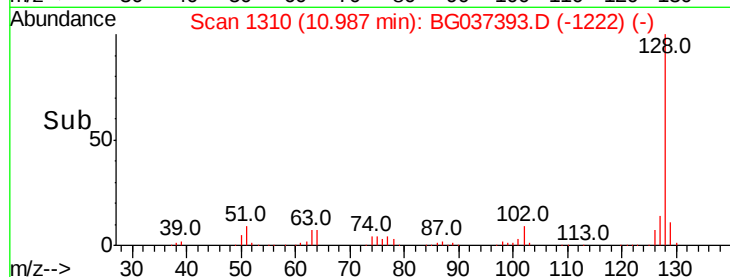
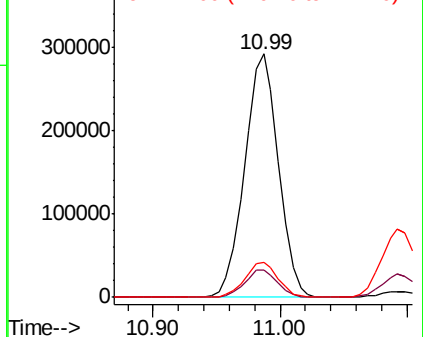


Abundance

Ion 128.00 (127.70 to 128.70): E

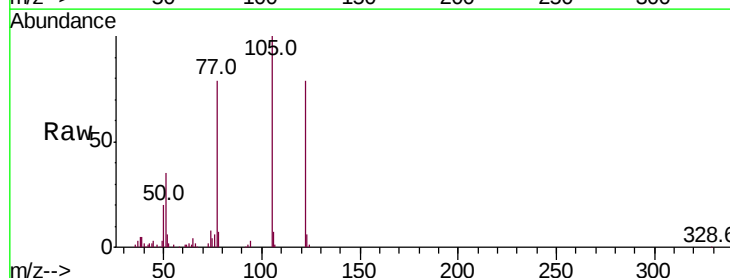
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 54.405 ng
RT: 10.21 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.4	106.7	146.7	
77	100.1	72.2	112.2	

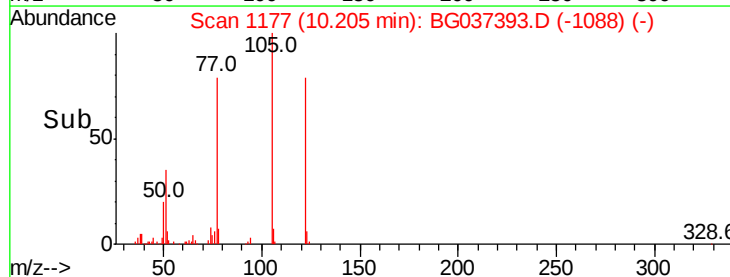
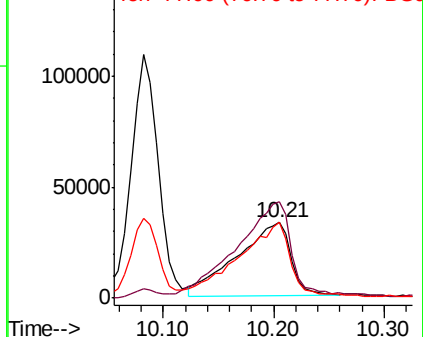


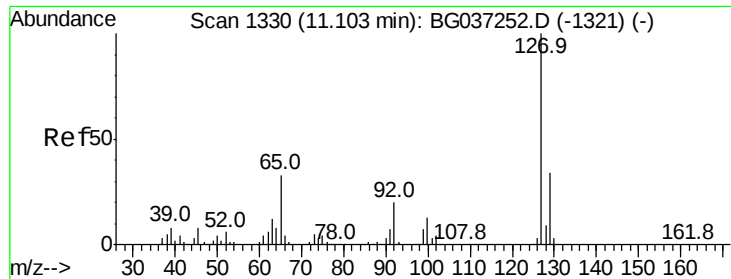
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





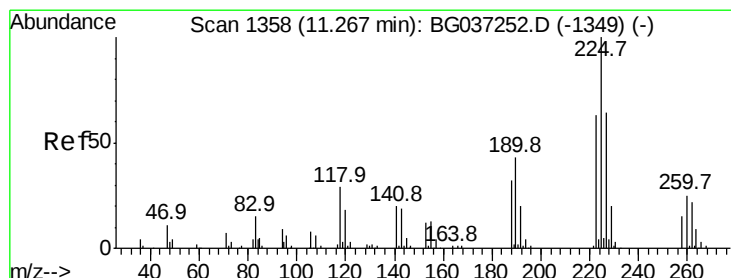
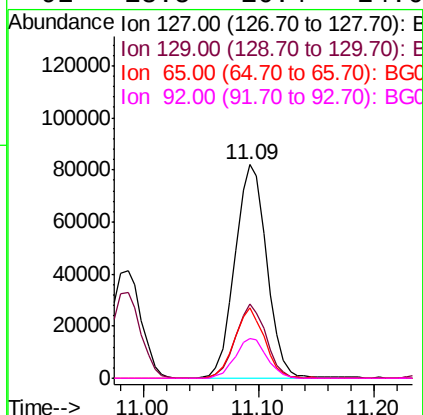
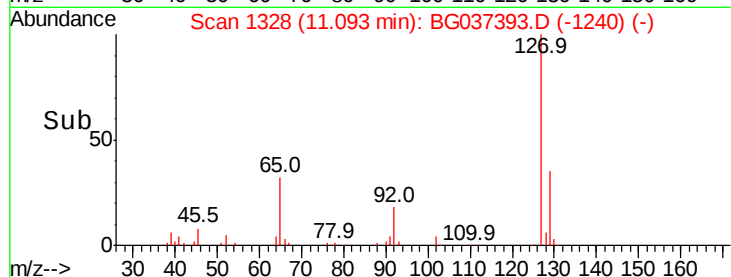
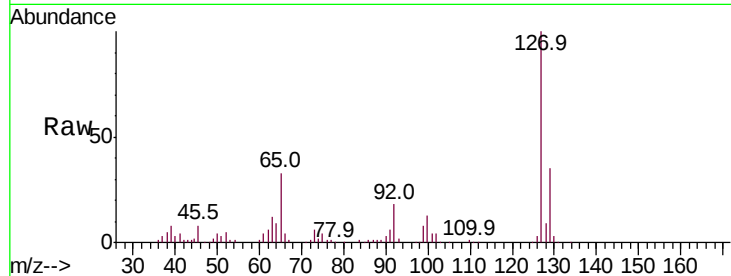
#33
4-Chloroaniline
Concen: 26.577 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.7	27.1	40.7	
65	32.7	26.6	39.8	
92	18.5	16.4	24.6	

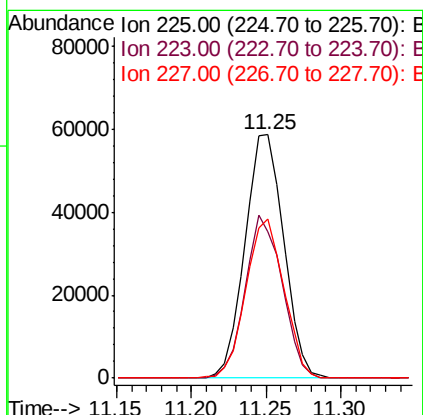
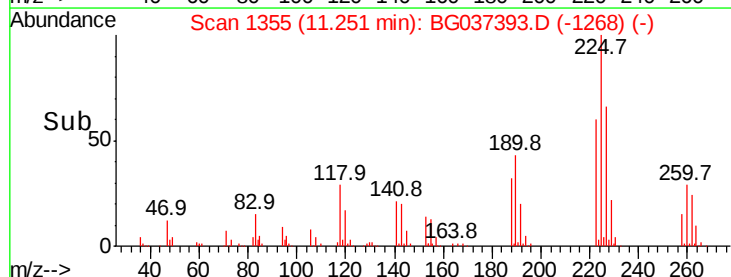
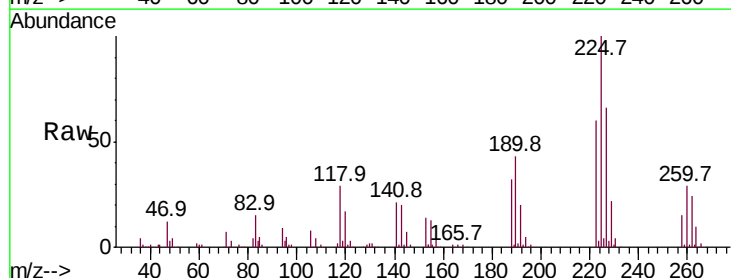
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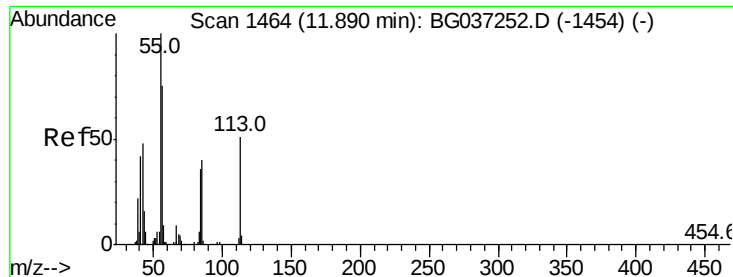
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#34
Hexachlorobutadiene
Concen: 36.672 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	57.4	48.2	72.4	
227	65.7	51.6	77.4	





#35

Caprolactam

Concen: 47.787 ng/ml

RT: 11.87 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

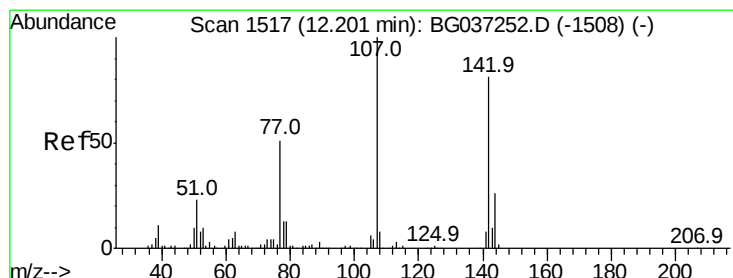
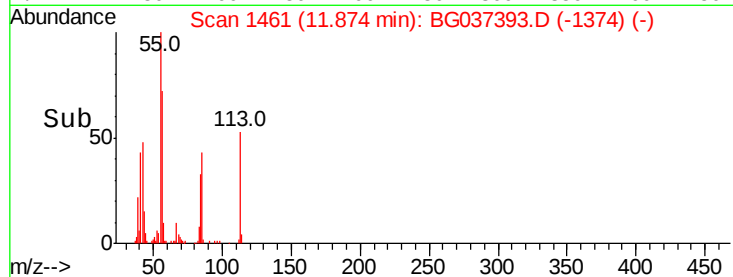
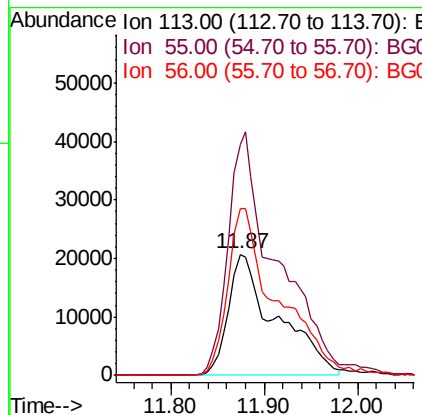
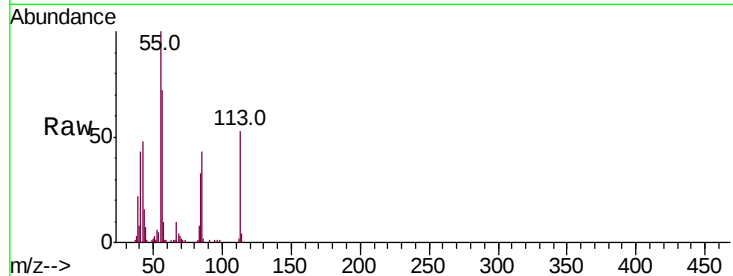
ClientSampleId :

PB113913BS

Tot Ion:	113	Resp:	74110
Ion Ratio	Lower	Upper	
113	100		
55	190.4	176.6	216.6
56	137.5	128.3	168.3

Manual Integrations
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10/18/2018 2:25:25 PM



#36

4-Chloro-3-methylphenol

Concen: 47.143 ng/ml

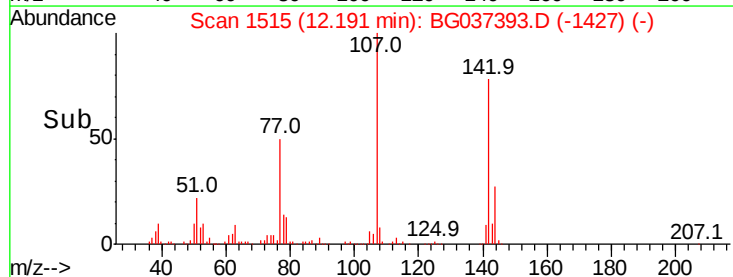
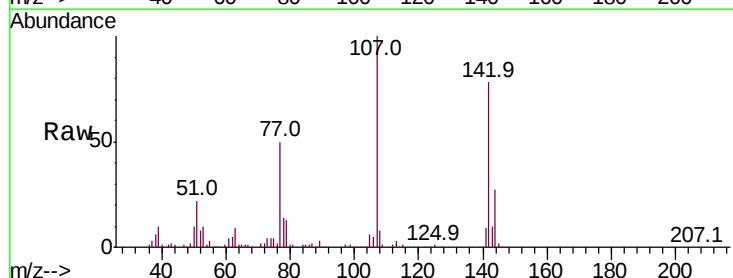
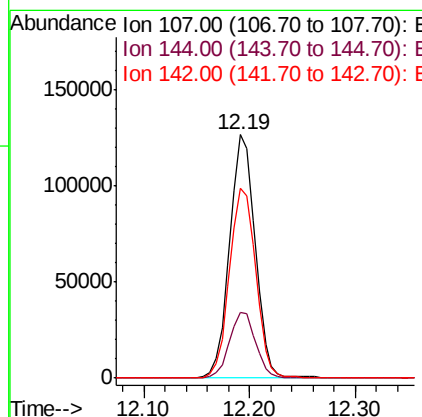
RT: 12.19 min Scan# 1515

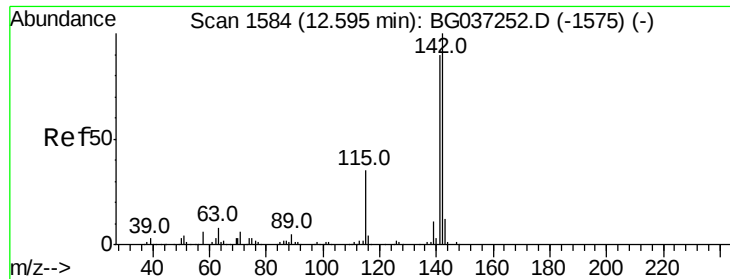
Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion:	107	Resp:	211802
Ion Ratio	Lower	Upper	
107	100		
144	26.9	20.7	31.1
142	77.8	64.4	96.6





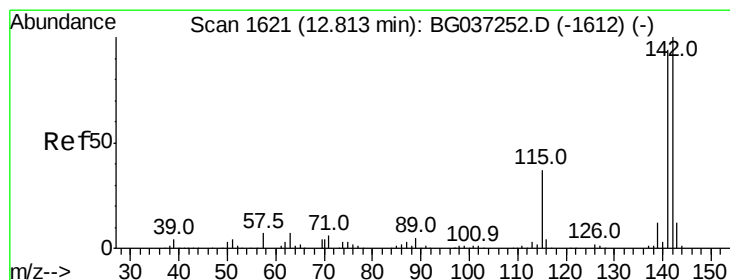
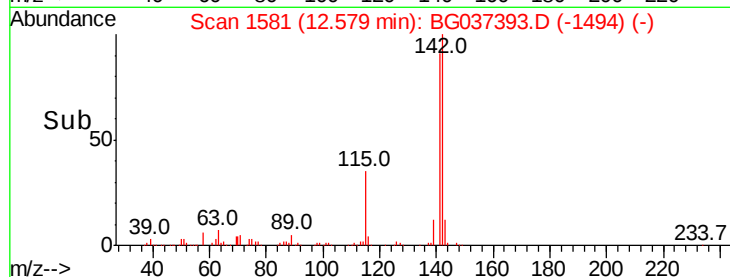
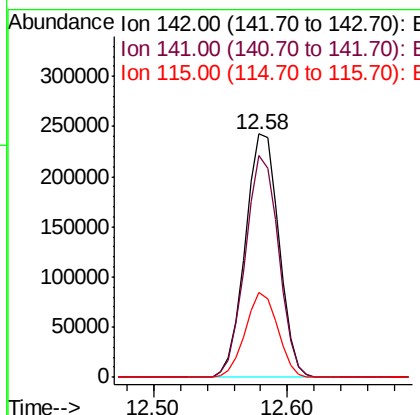
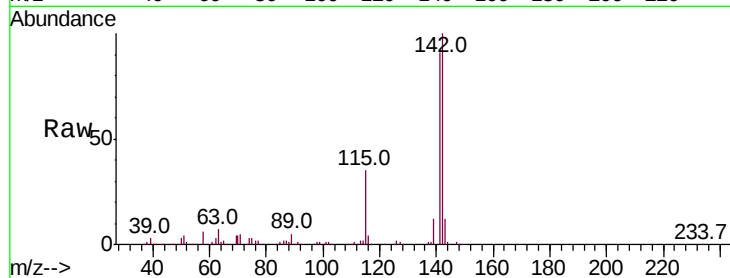
#37
2-Methylnaphthalene
Concen: 46.062 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
115	34.8	27.8	41.8

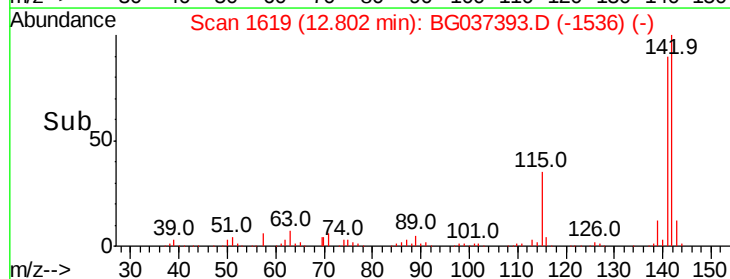
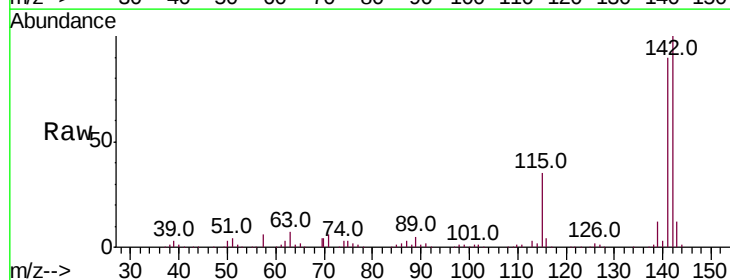
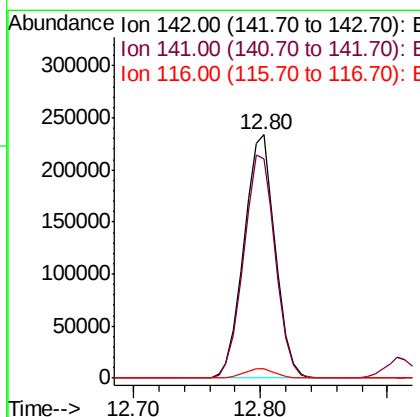
Manual Integrations
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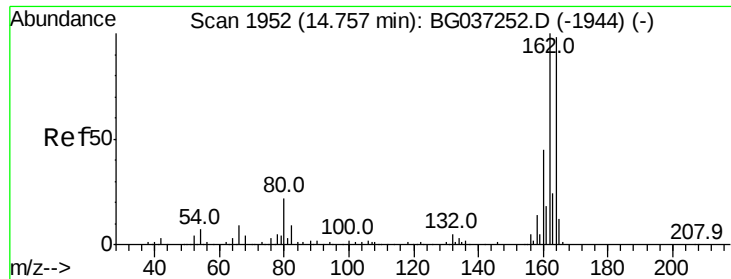
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#38
1-Methylnaphthalene
Concen: 44.582 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	75.2	112.8
116	3.7	3.3	4.9





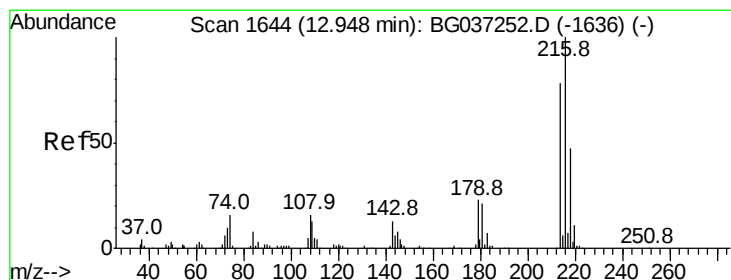
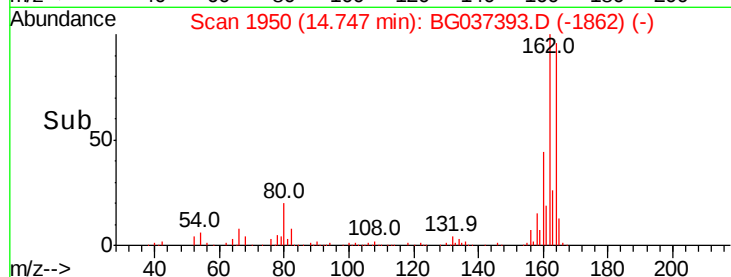
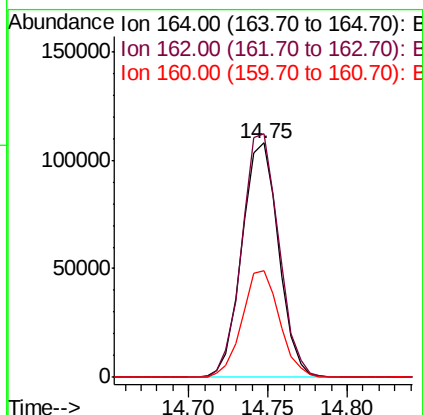
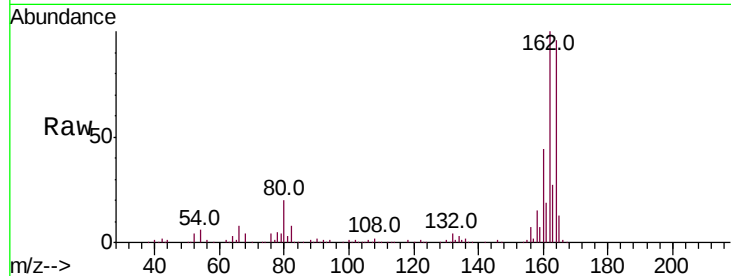
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.3	121.9
160	45.6	36.3	54.5

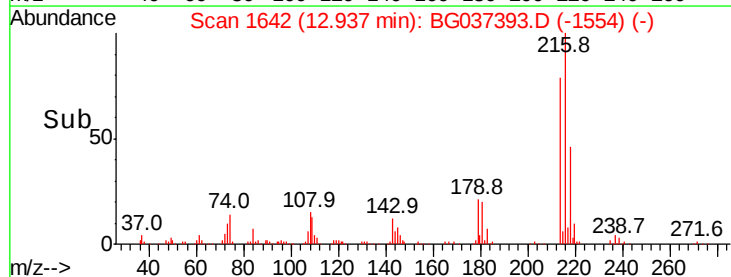
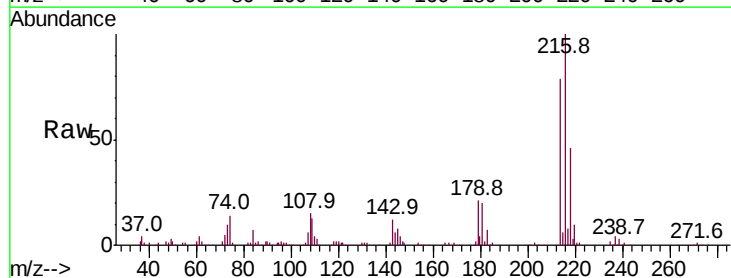
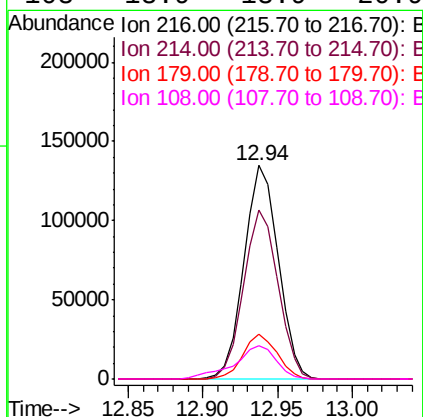
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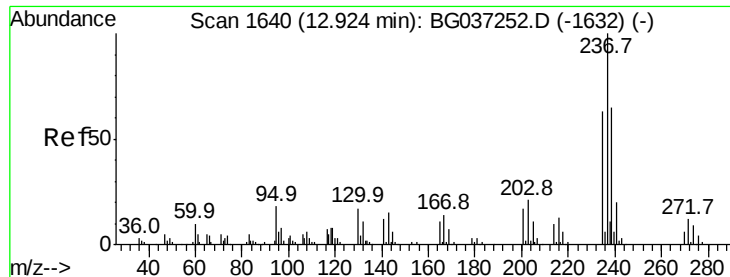
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.928 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.6
179	20.8	17.4	26.0
108	18.9	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 111.488 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

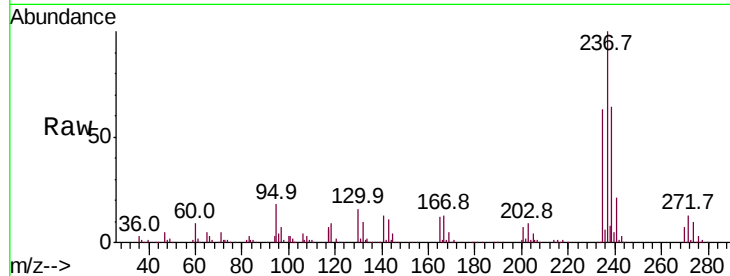
ClientSampleId :

PB113913BS

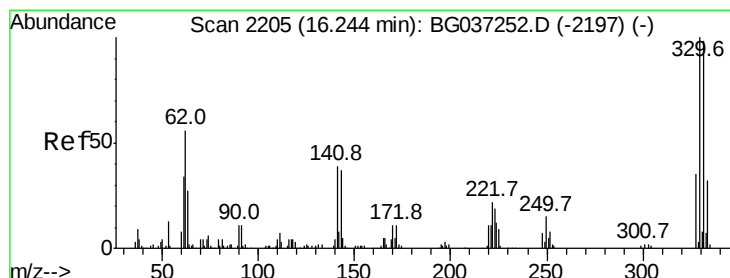
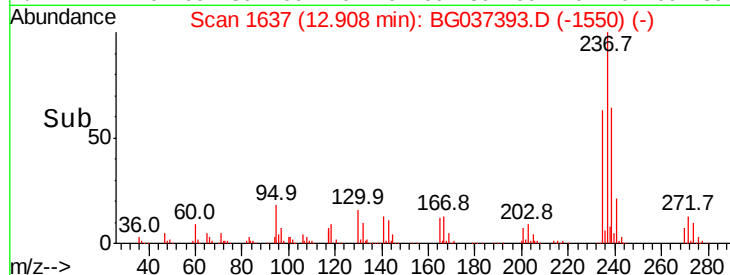
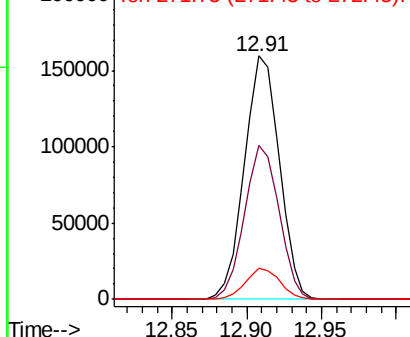
Tot Ion:	237	Resp:	258608
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.5	82.5
272	12.8	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 151.977 ng

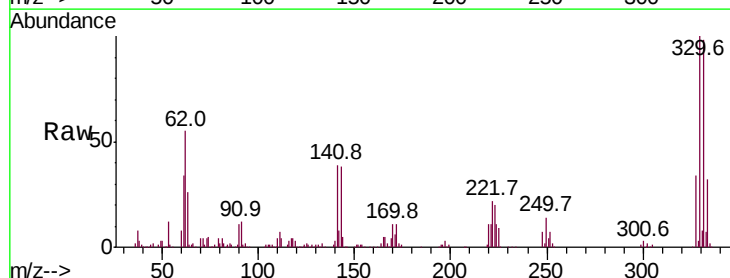
RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

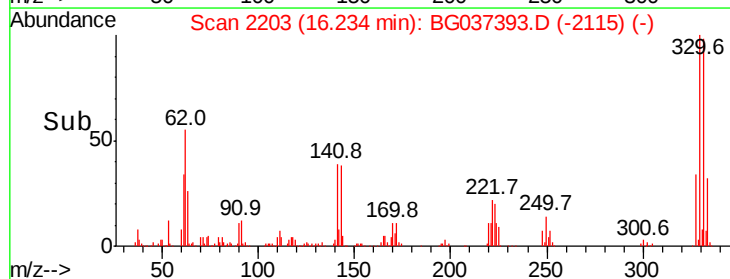
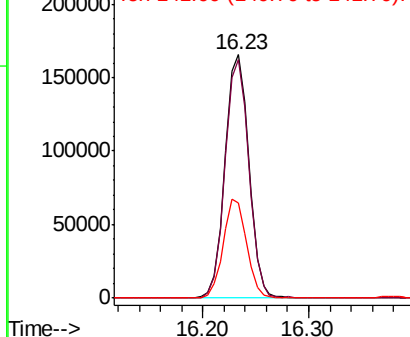
Lab File: BG037393.D

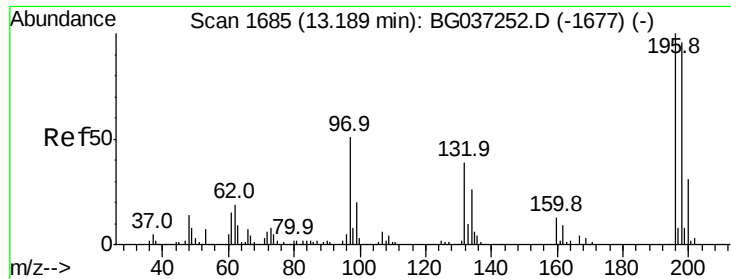
Acq: 17 Oct 2018 16:52

Tgt Ion:	330	Resp:	258964
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.4	117.6
141	39.9	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





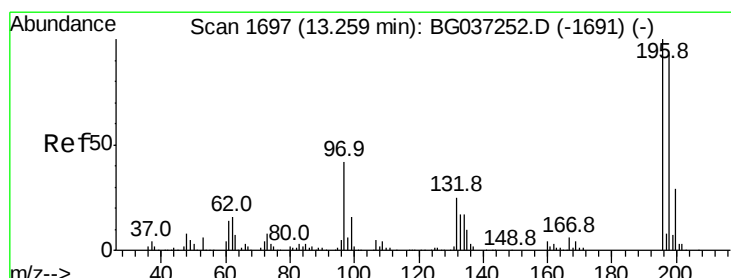
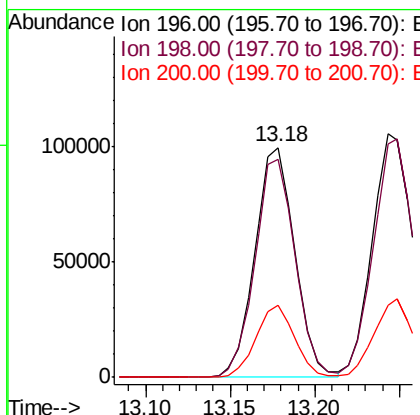
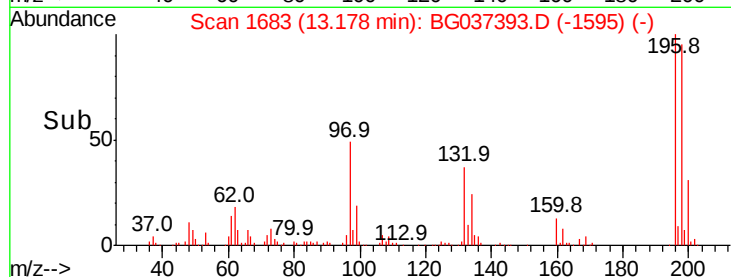
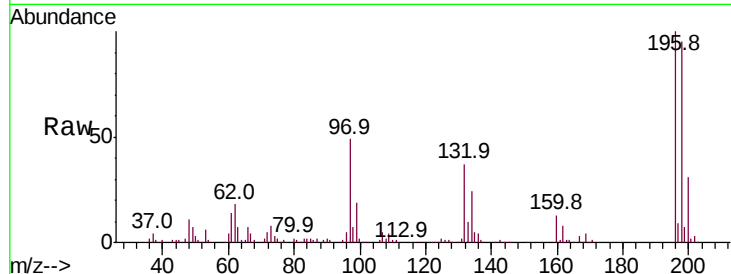
#43
 2,4,6-Trichlorophenol
 Concen: 50.245 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleID :
 PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164006		
198	95.0	76.4	114.6	
200	31.2	24.9	37.3	

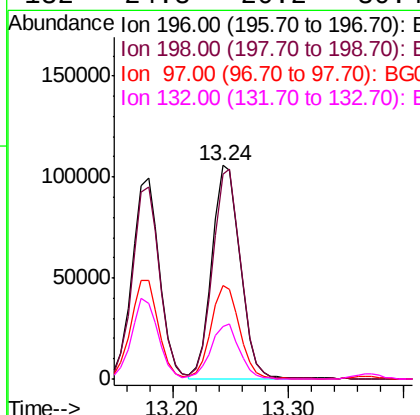
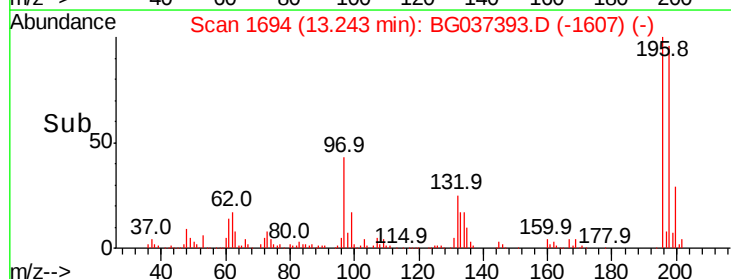
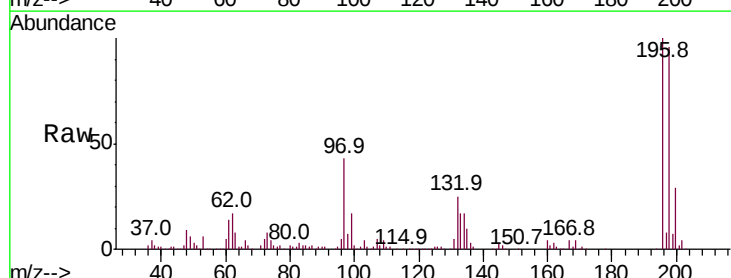
Manual Integrations
 APPROVED

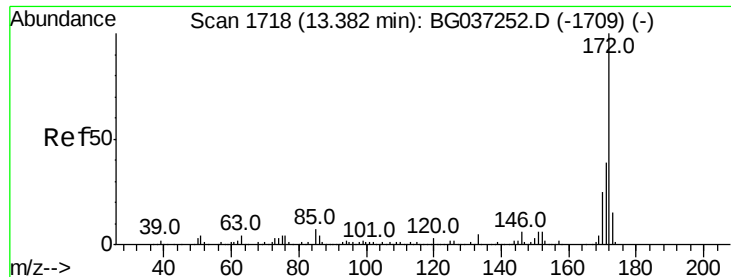
Sohil
 10/18/2018 2:25:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.197 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179802		
198	95.8	74.2	111.2	
97	43.5	34.1	51.1	
132	24.8	20.2	30.4	





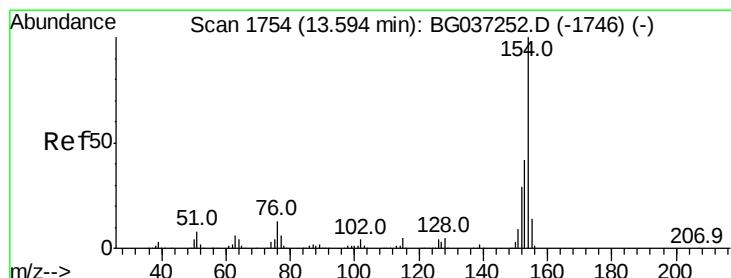
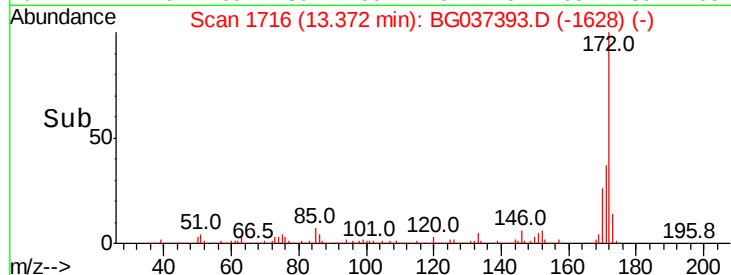
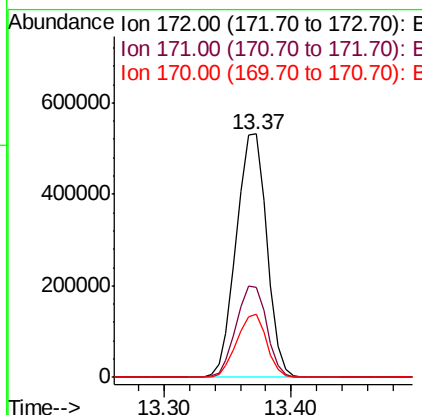
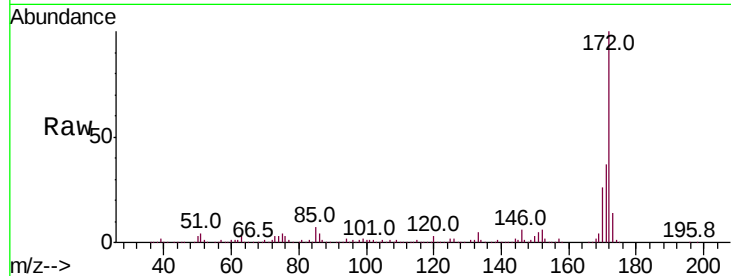
#45
2-Fluorobiphenyl
Concen: 76.830 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	888891		
171	36.9		31.0	46.4
170	25.7		20.2	30.2

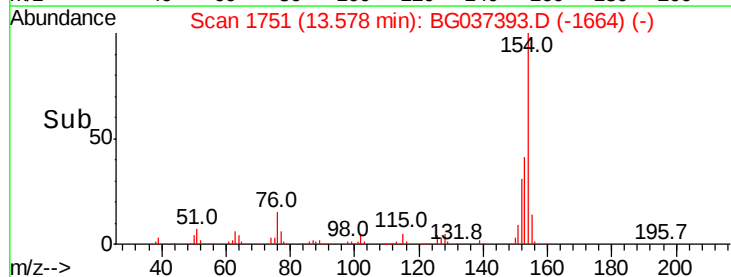
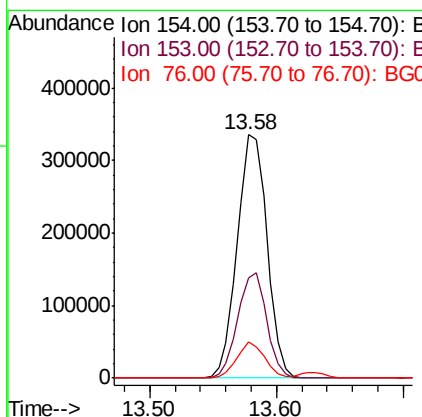
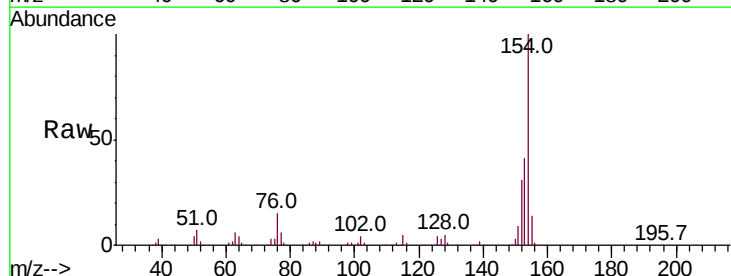
Manual Integrations
APPROVED

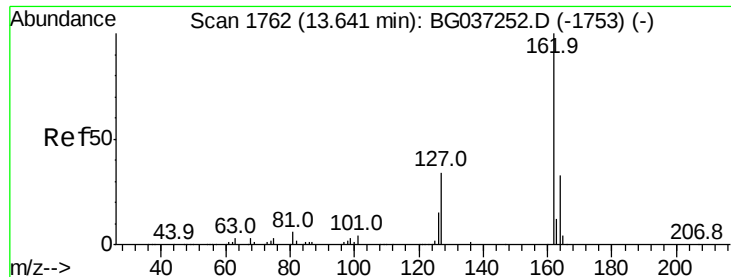
Sohil
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#46
1,1'-Biphenyl
Concen: 38.272 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	547004		
153	41.4		22.1	62.1
76	14.8		0.0	33.2





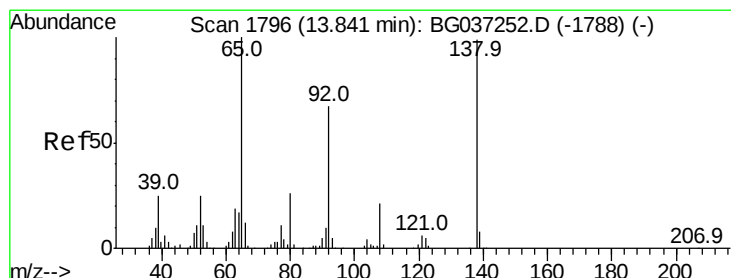
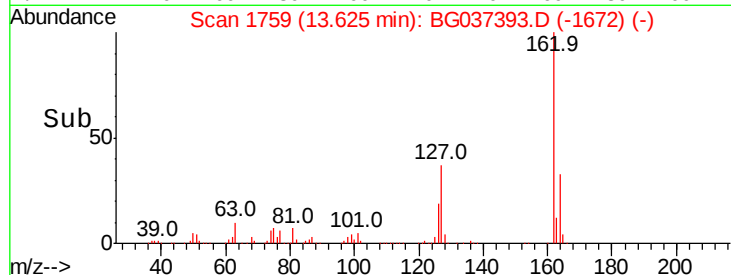
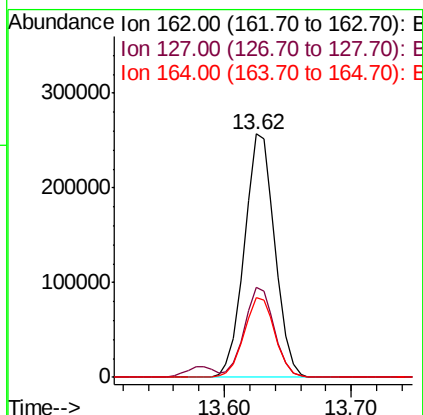
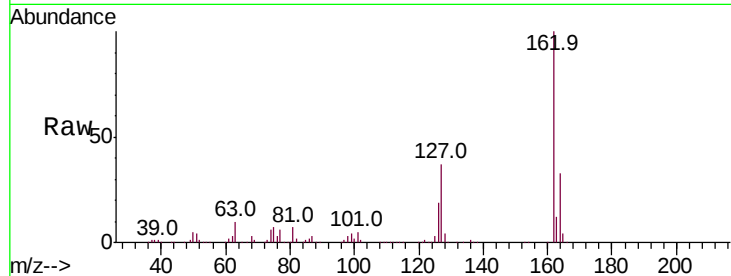
#47
2-Chloronaphthalene
Concen: 39.605 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.5	45.7
164	32.6	26.4	39.6

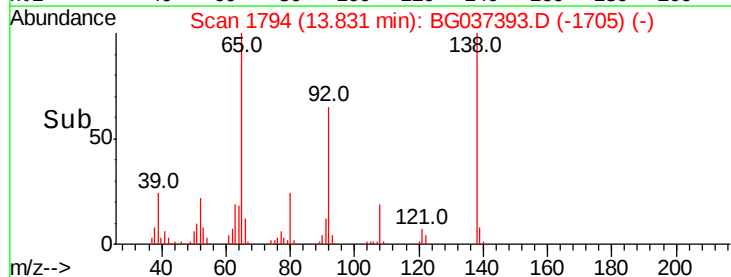
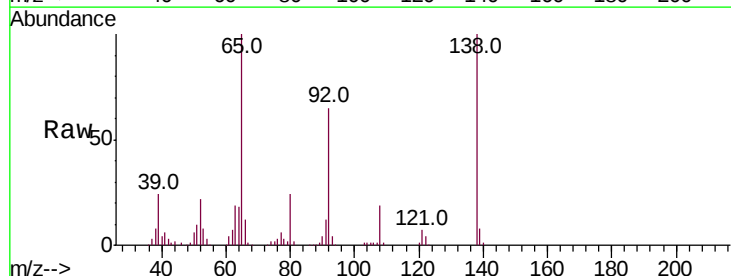
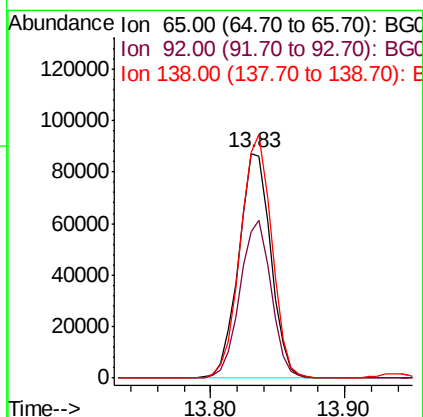
Manual Integrations
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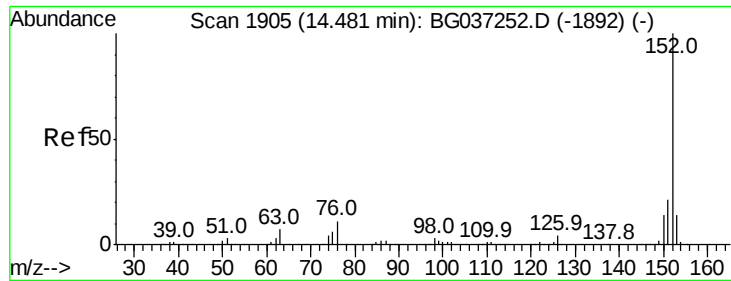
Sohil
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#48
2-Nitroaniline
Concen: 49.296 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.2	79.8
138	100.2	79.3	118.9





#49

Acenaphthylene

Concen: 43.761 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

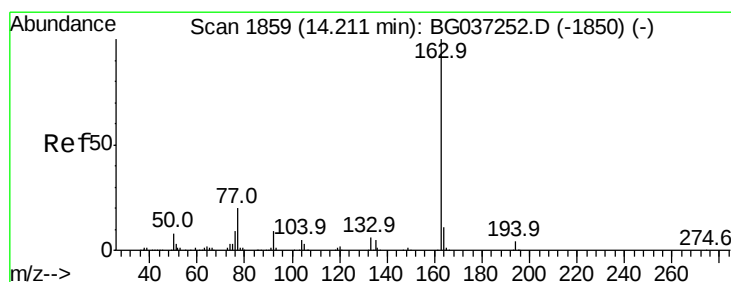
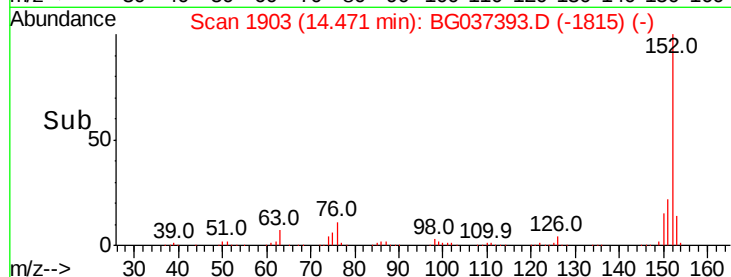
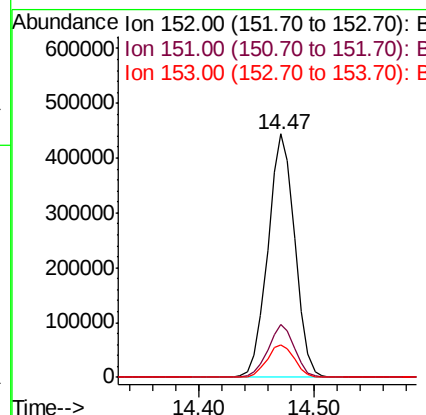
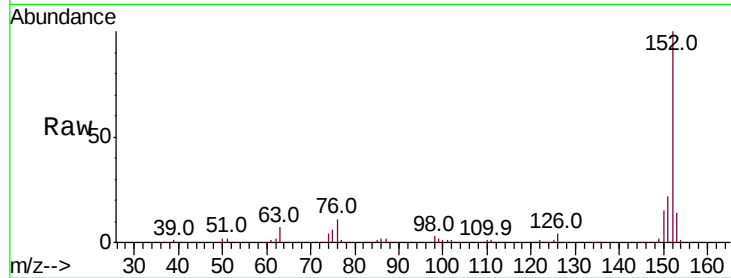
ClientSampleId :

PB113913BS

Tot Ion:	152	Resp:	722723
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	13.5	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.339 ng

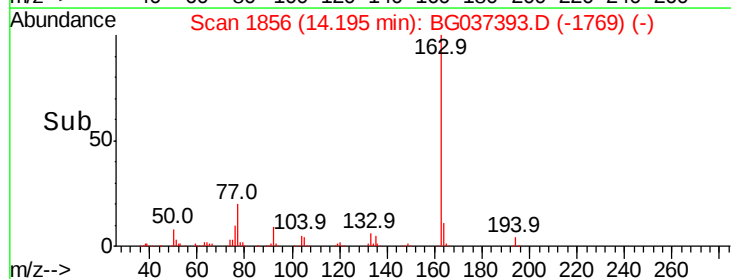
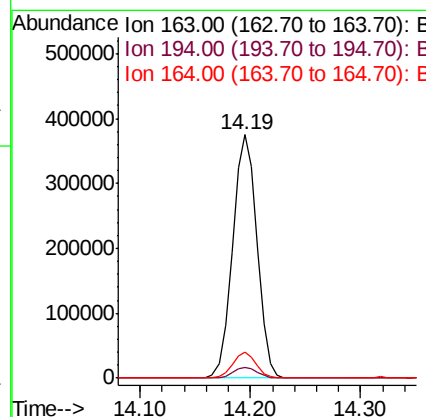
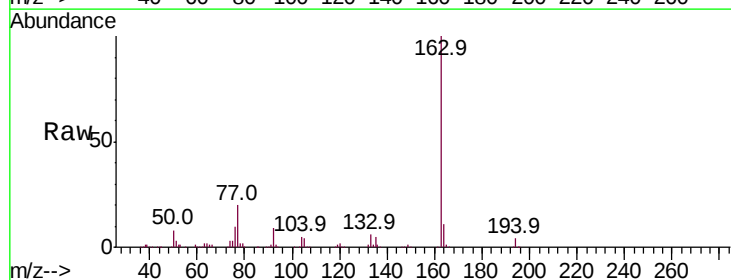
RT: 14.19 min Scan# 1856

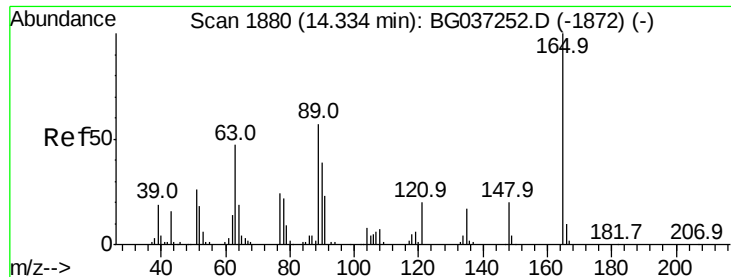
Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion:	163	Resp:	578104
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	10.6	8.5	12.7





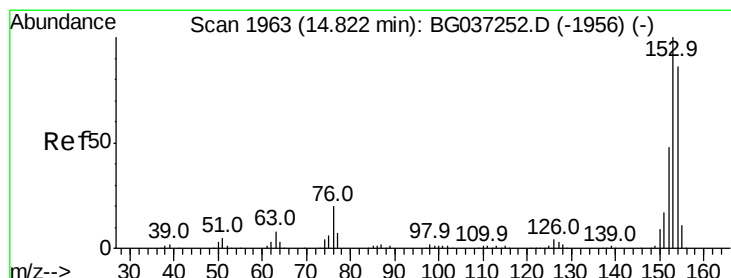
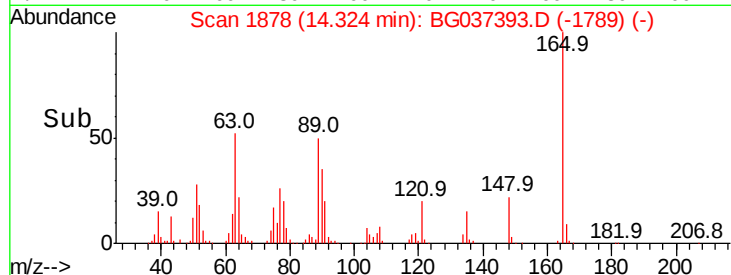
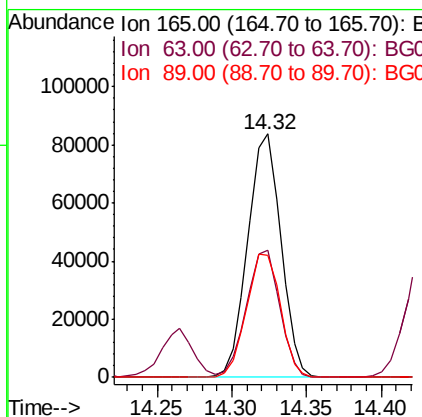
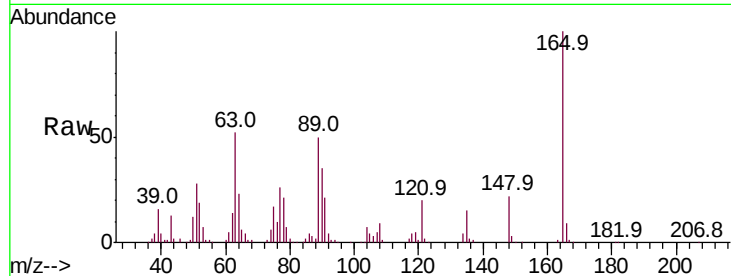
#51
 2,6-Dinitrotoluene
 Concen: 48.669 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	129281		
63	52.2	43.4	65.2	
89	50.2	45.8	68.6	

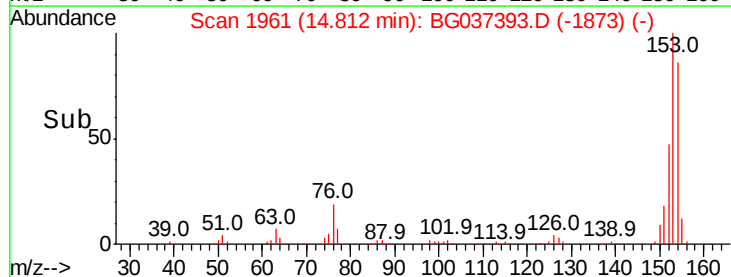
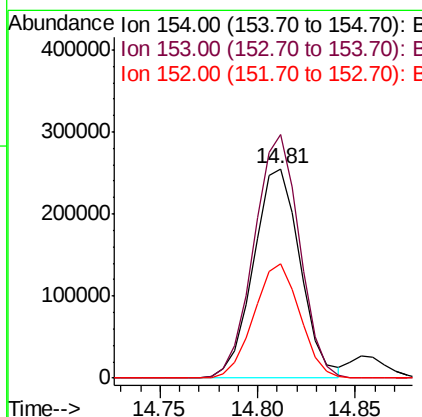
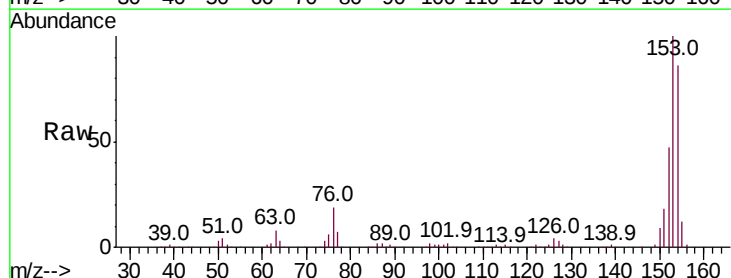
Manual Integrations
 APPROVED

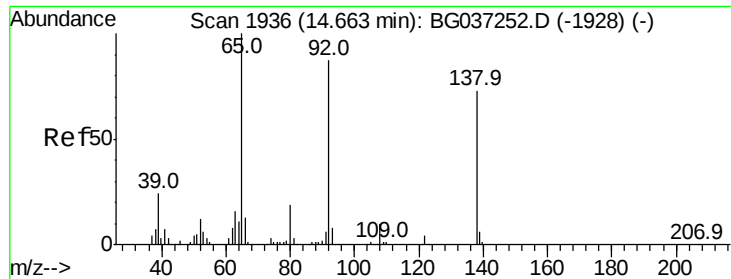
Sohil
 10/18/2018 2:25:25 PM



#52
 Acenaphthene
 Concen: 41.483 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	423176		
153	116.2	93.4	140.0	
152	54.6	44.7	67.1	





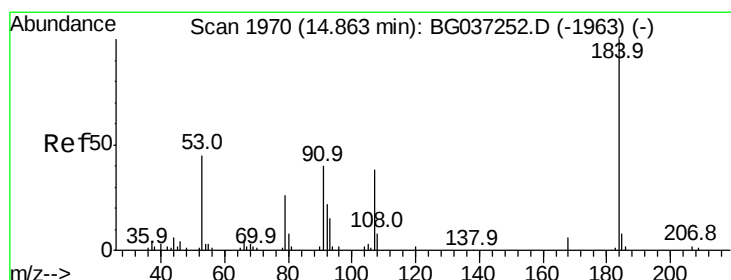
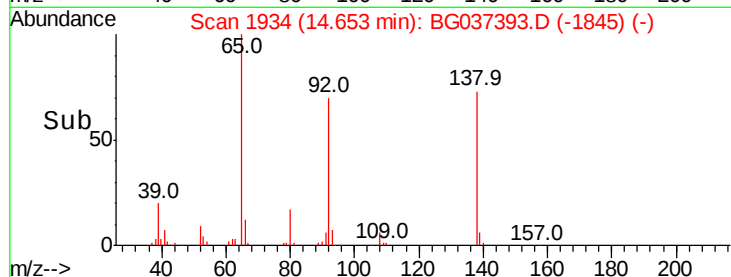
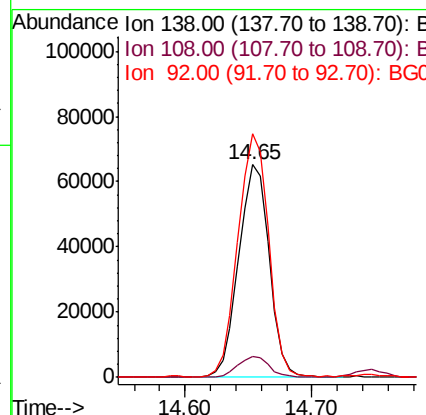
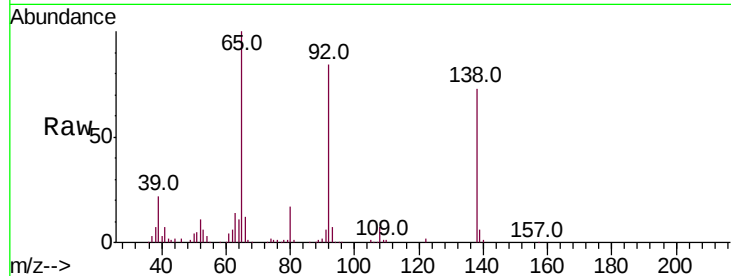
#53
3-Nitroaniline
Concen: 38.182 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	11.0	16.6#
92	114.6	95.2	142.8

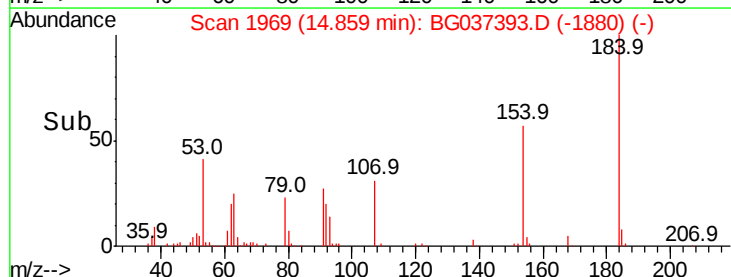
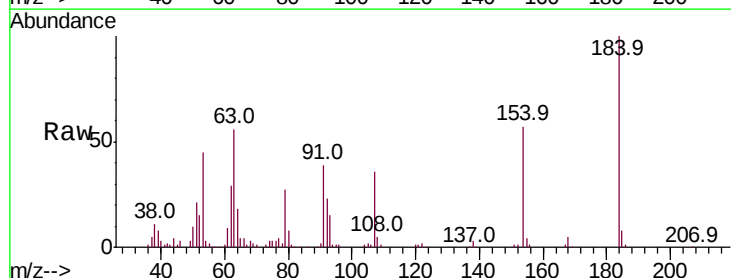
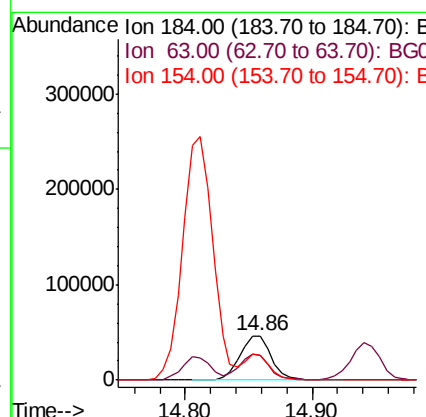
Manual Integrations
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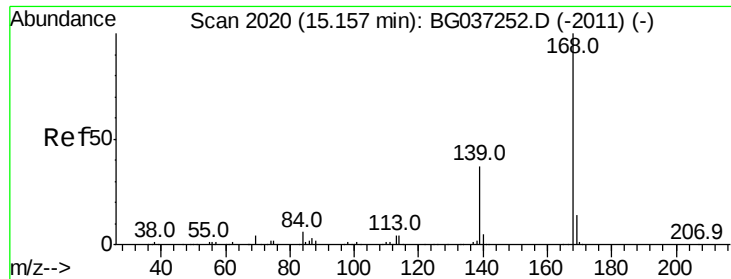
Sohil
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#54
2,4-Dinitrophenol
Concen: 116.057 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.2	42.6	63.8
154	56.6	41.8	62.6





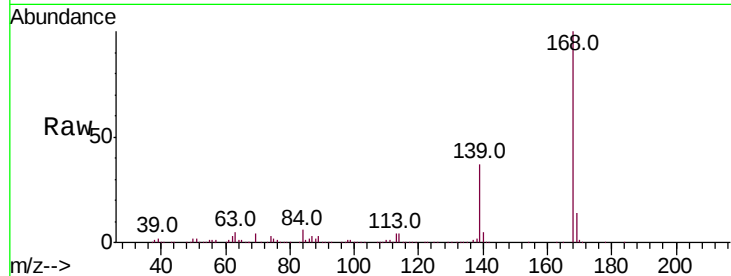
#55
Dibenzofuran
Concen: 40.888 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.4	44.0
169	14.3	11.0	16.6

Manual Integrations
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10/18/2018 2:25:25 PM

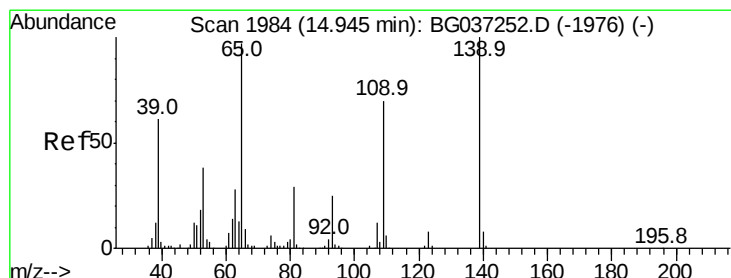
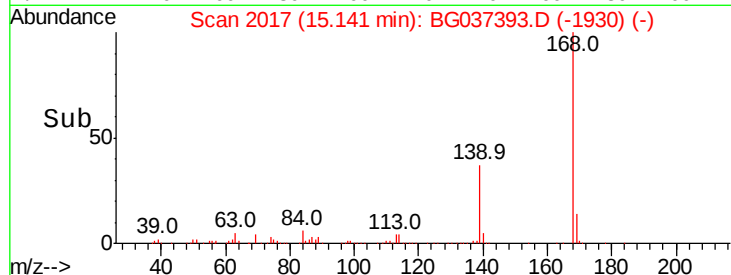
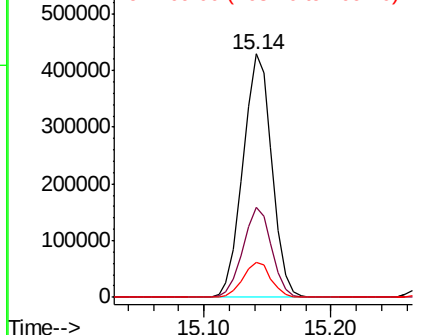


Abundance

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: 102.950 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

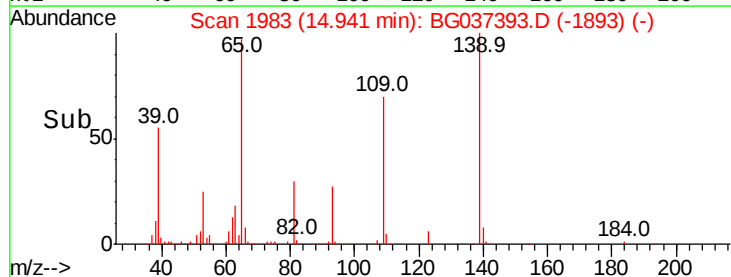
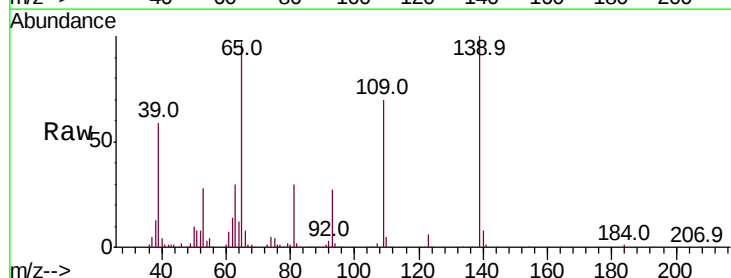
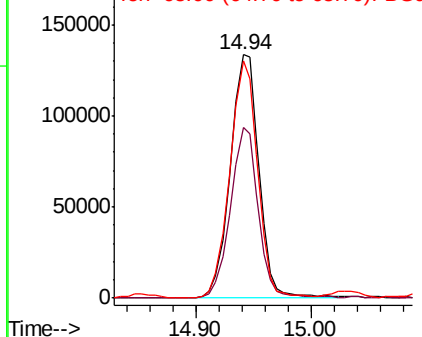
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.0	49.5	89.5
65	97.5	76.8	116.8

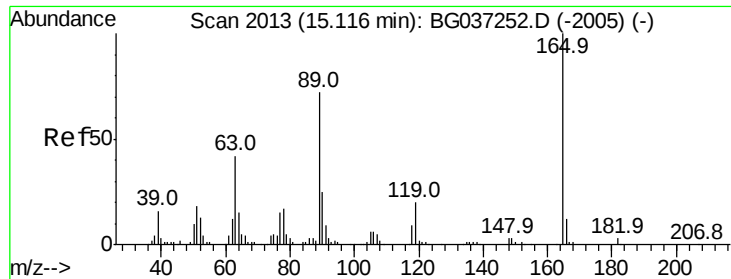
Abundance

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): BGC





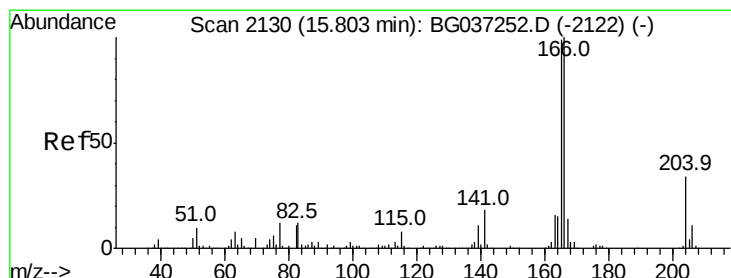
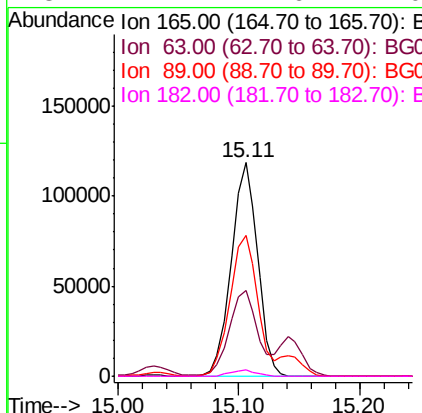
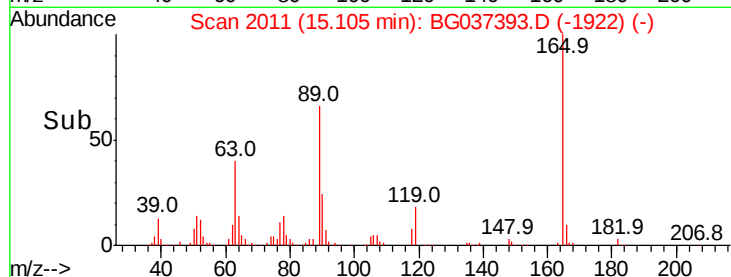
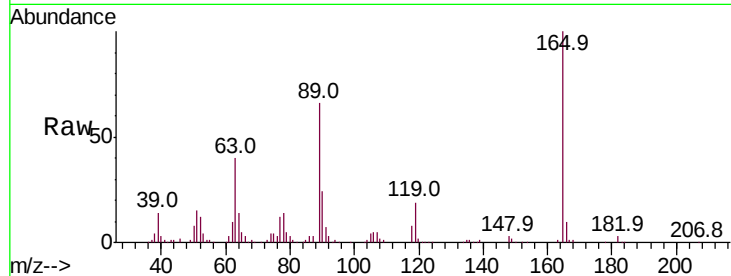
#57
2,4-Dinitrotoluene
Concen: 52.921 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	179710		
63	40.1	33.4	50.0	
89	65.8	57.2	85.8	
182	2.7	2.6	4.0	

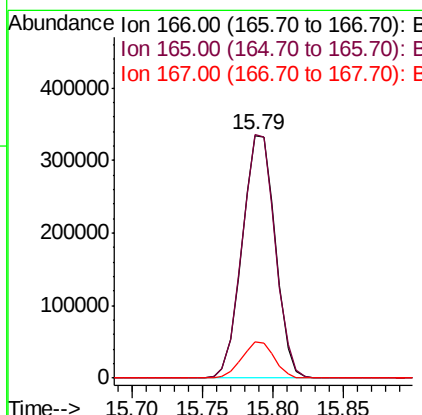
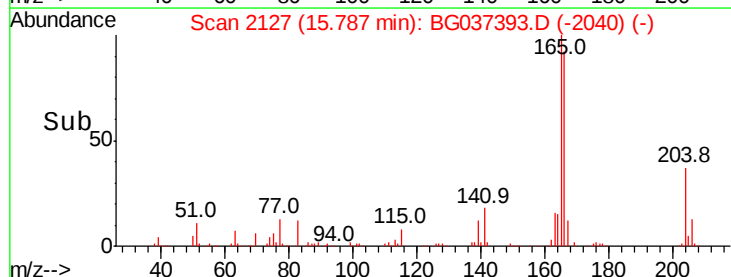
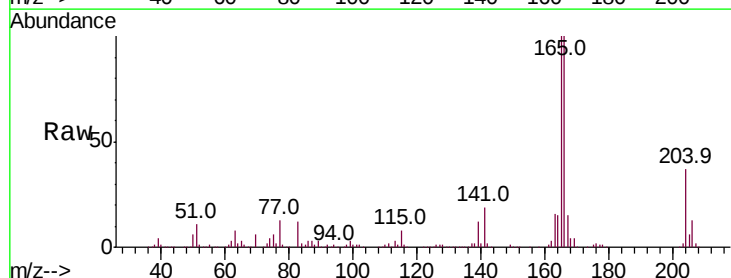
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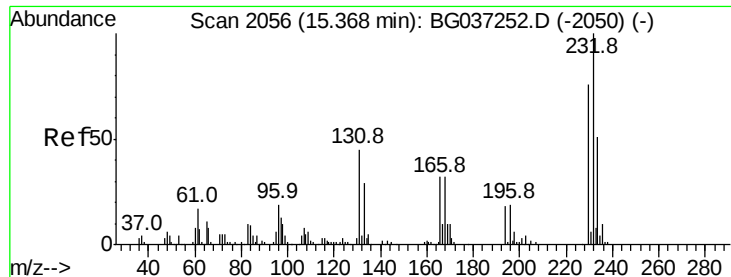
Sohil
10/18/2018 2:25:25 PM



#58
Fluorene
Concen: 43.885 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	549383		
165	100.4	79.0	118.6	
167	15.0	11.3	16.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.750 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

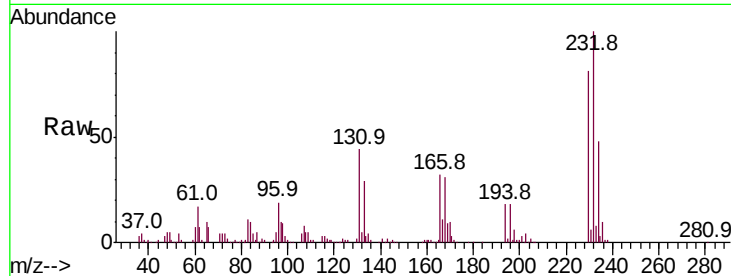
ClientSampleId :

PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	160907		
131	41.6	33.7	50.5	
130	2.4	2.1	3.1	
166	30.9	24.6	36.8	

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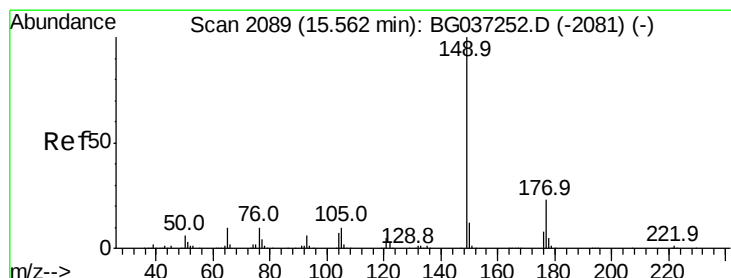
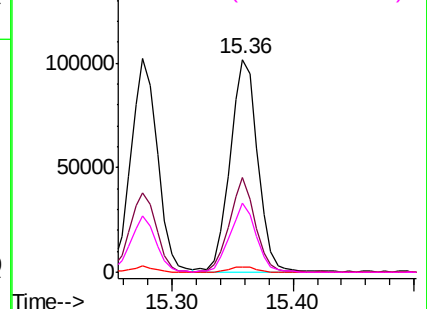
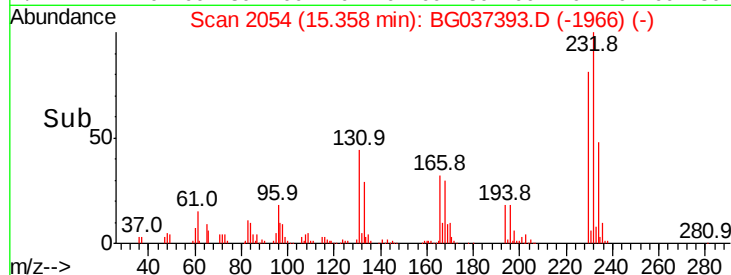
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.011 ng

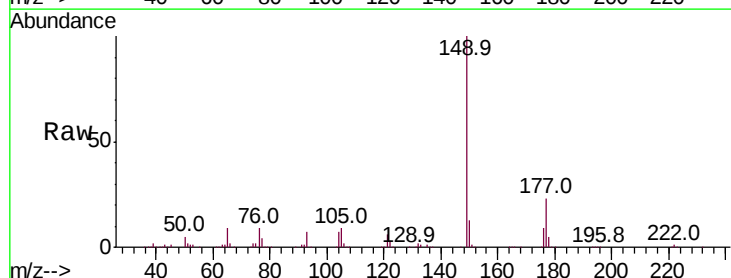
RT: 15.55 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	594479		
177	23.2	18.3	27.5	
150	12.7	10.0	15.0	

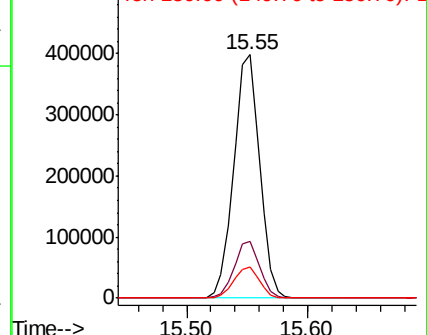
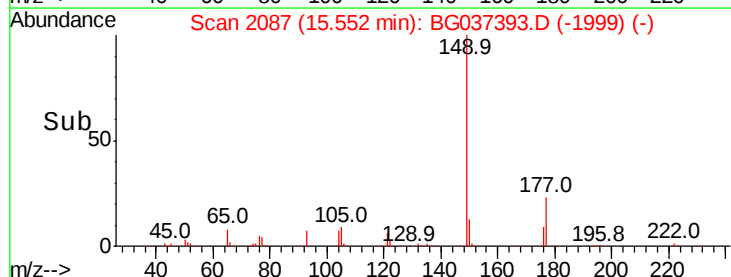


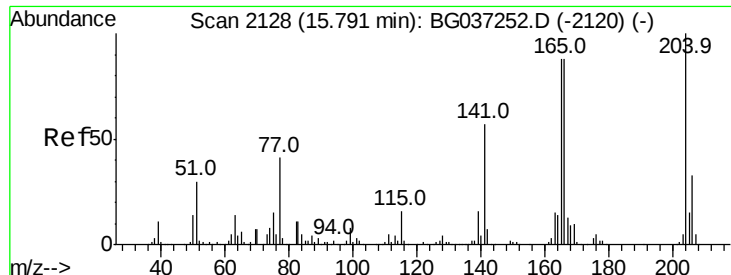
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





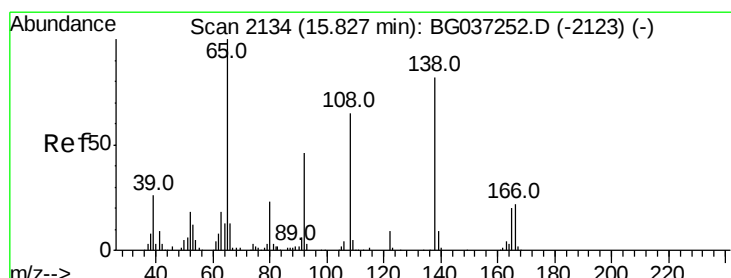
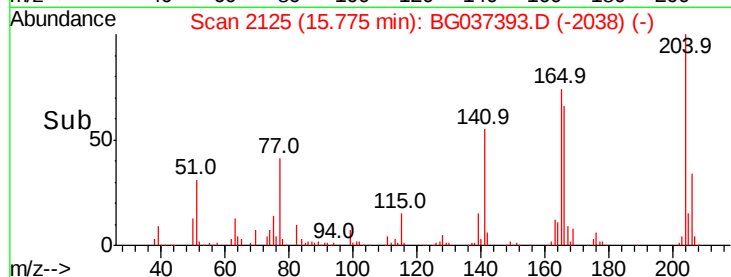
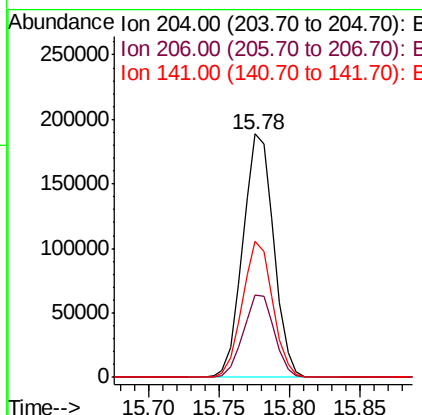
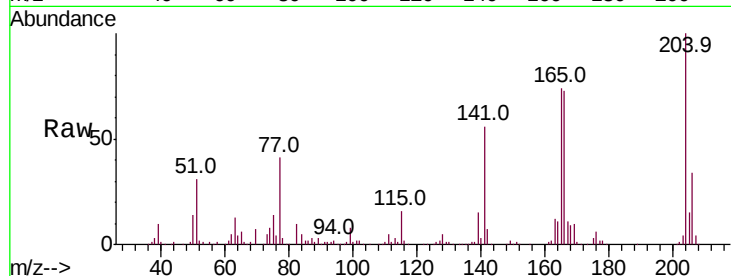
#61
4-Chlorophenyl-phenylether
Concen: 39.353 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleID :
PB113913BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	287969		
206	33.6	26.6	39.8	
141	55.8	45.4	68.2	

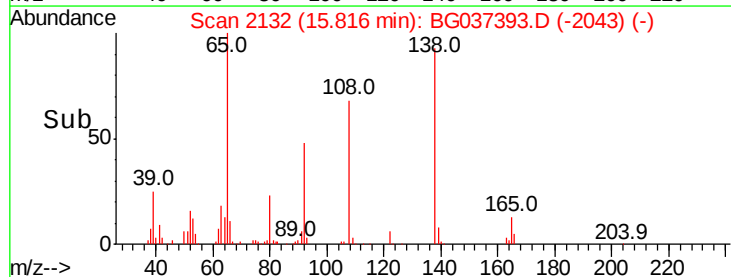
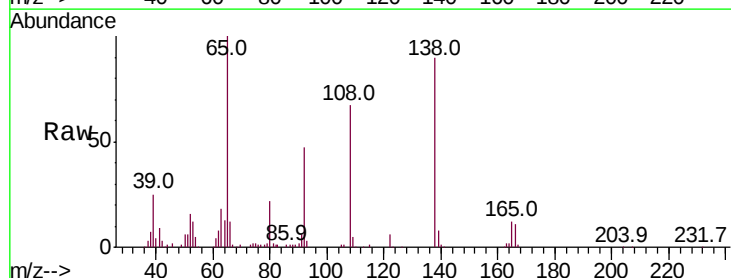
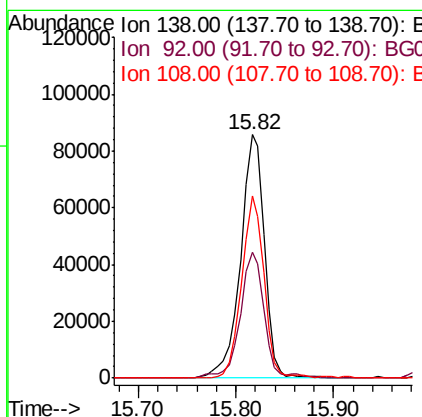
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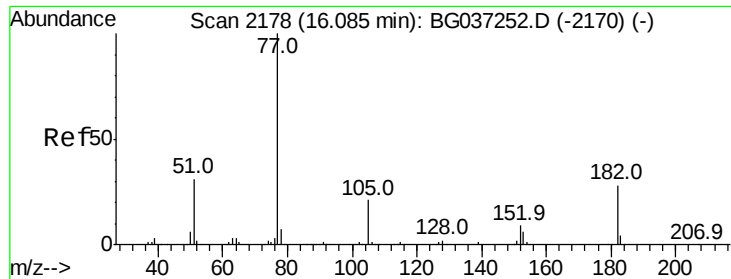
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10/18/2018 2:25:25 PM



#62
4-Nitroaniline
Concen: 48.819 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	146385		
92	51.6	36.4	76.4	
108	74.6	60.1	100.1	





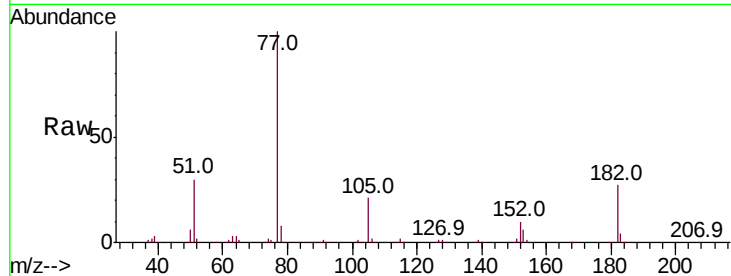
#63
Azobenzene
Concen: 40.394 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

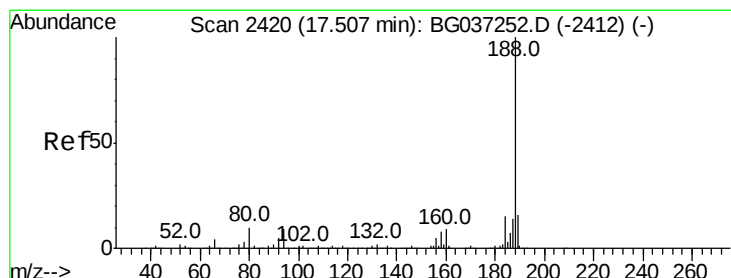
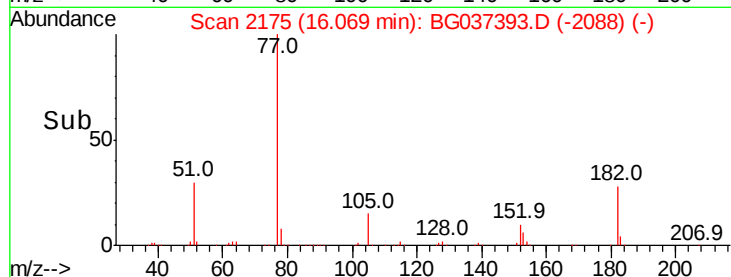
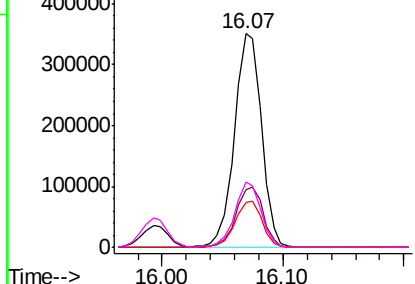
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		548039		
182	27.2	8.0	48.0		
105	21.3	1.3	41.3		
51	30.3	10.7	50.7		

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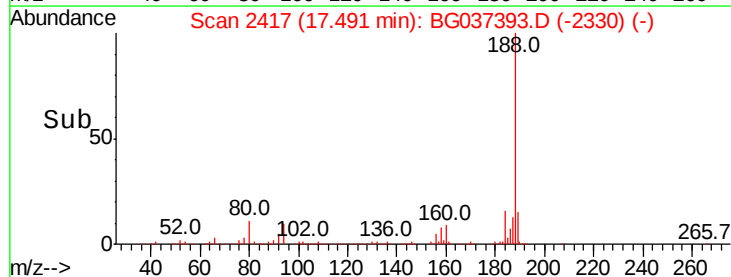
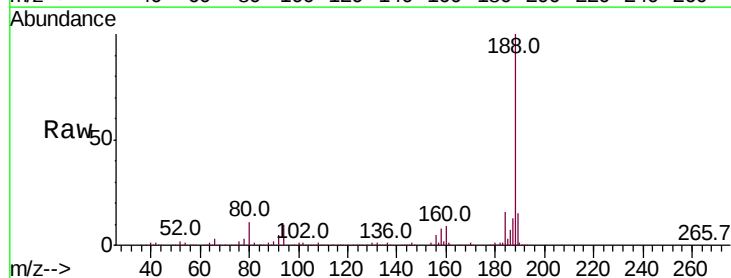
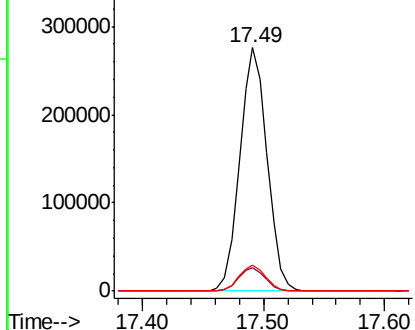
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

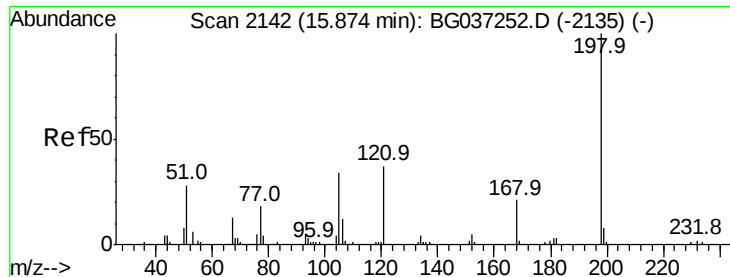


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		432654		
94	9.6	7.2	10.8		
80	10.7	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: 56.005 ng

RT: 15.86 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

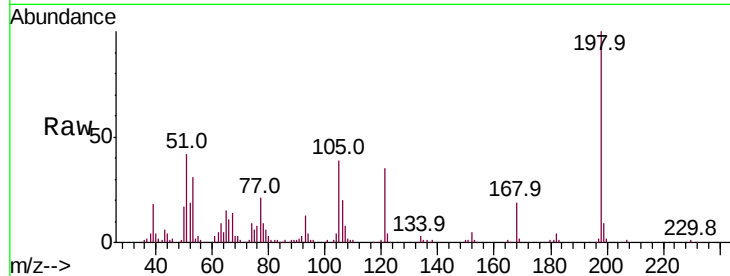
ClientSampleId :

PB113913BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.3	22.7	62.7
105	38.9	19.7	59.7

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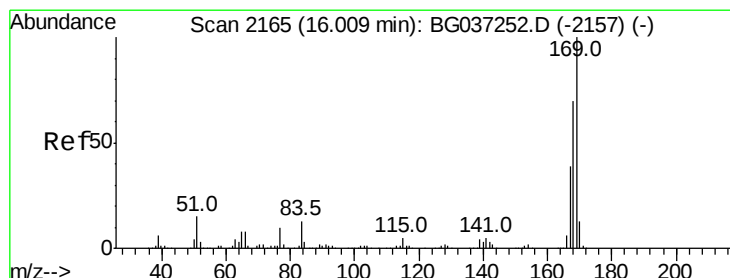
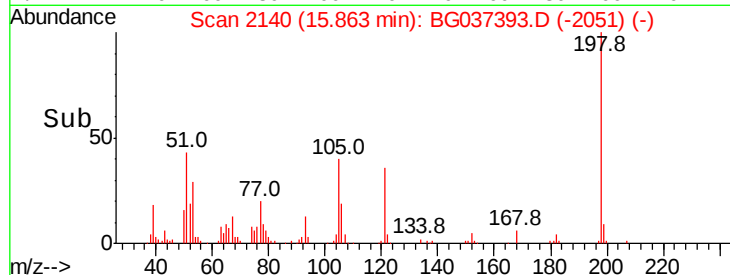
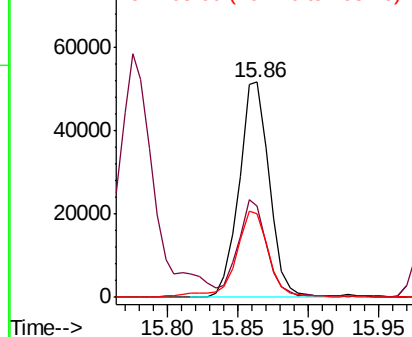


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.261 ng

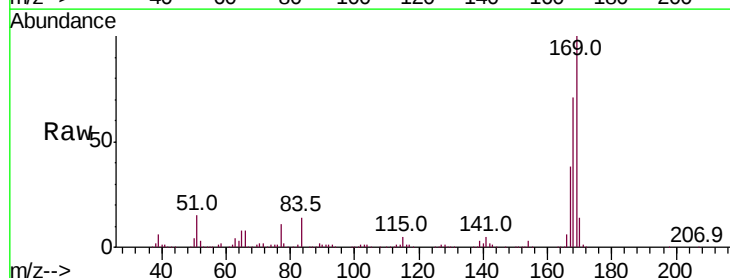
RT: 15.99 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.7	83.5
167	38.5	31.3	46.9

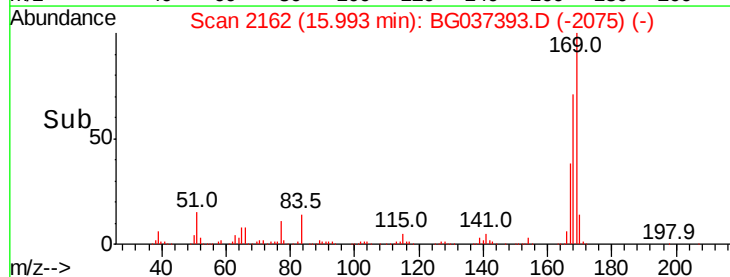
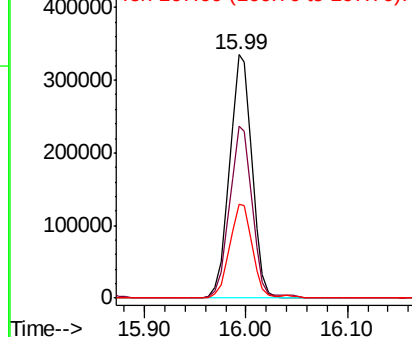


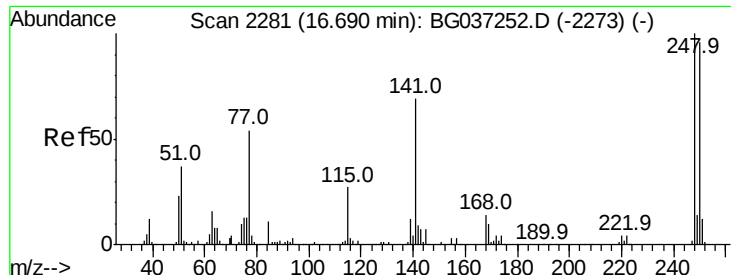
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





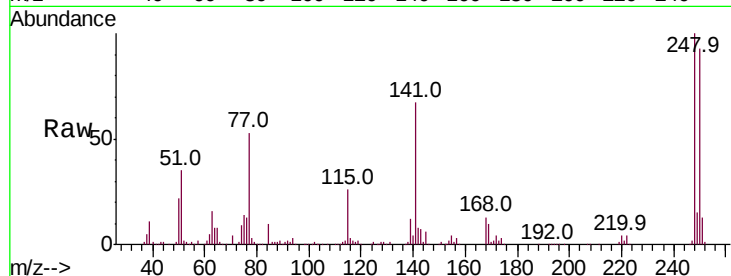
#67
 4-Bromophenyl-phenylether
 Concen: 39.716 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.1	77.0	115.6
141	67.1	55.5	83.3

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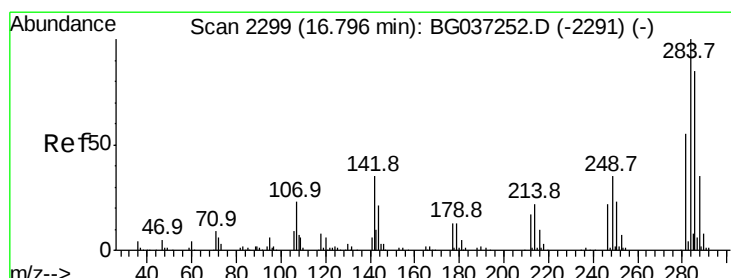
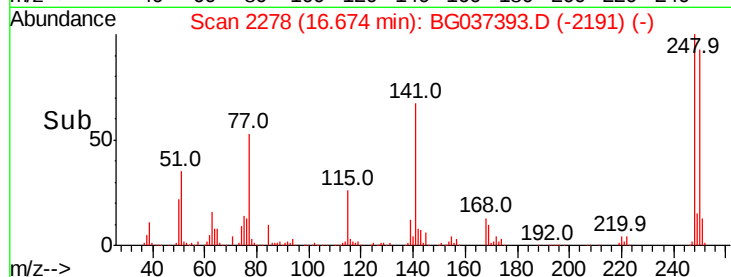
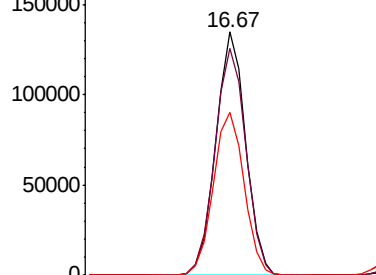


Abundance

Ion 248.00 (247.70 to 248.70): E

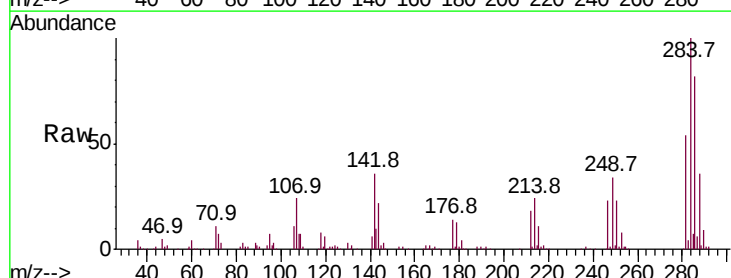
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.583 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	28.1	42.1
249	36.6	29.8	44.8

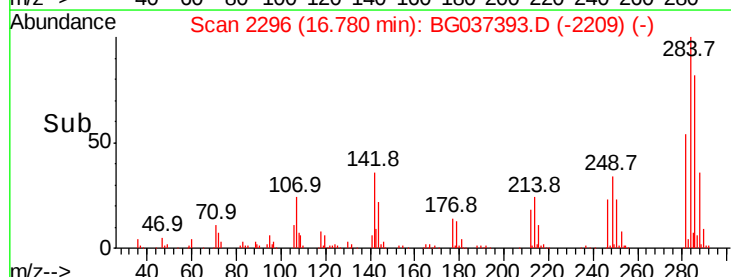
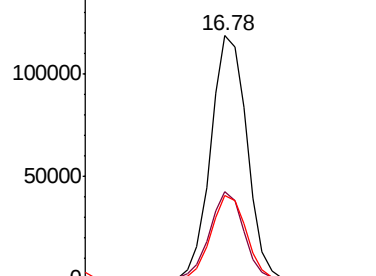


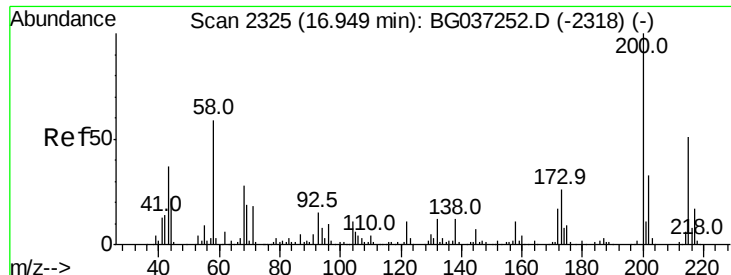
Abundance

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





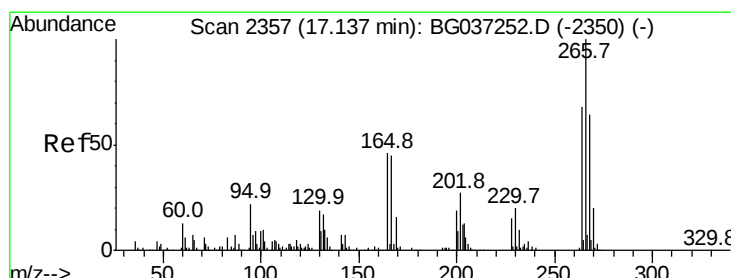
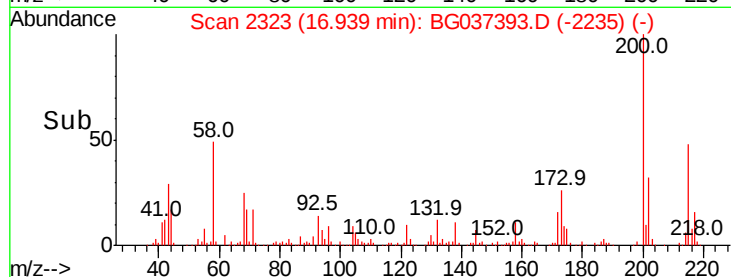
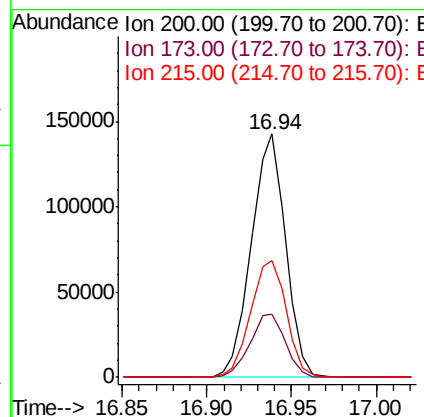
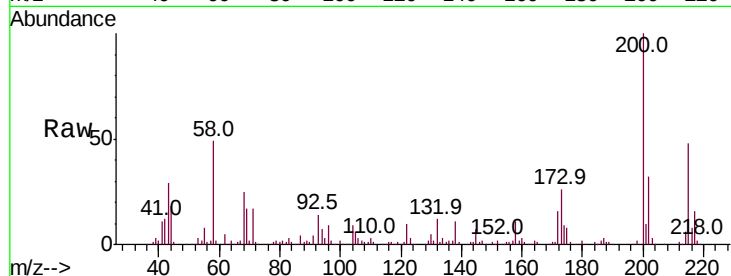
#69
Atrazine
Concen: 42.636 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.1	46.1
215	47.9	30.8	70.8

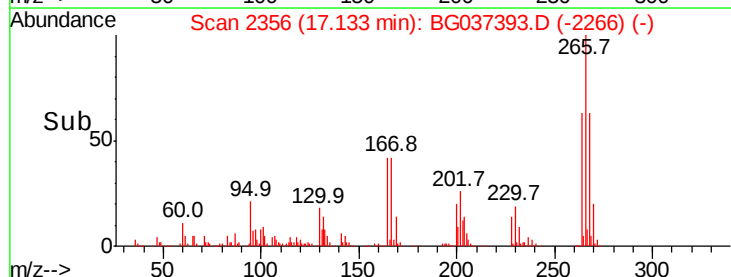
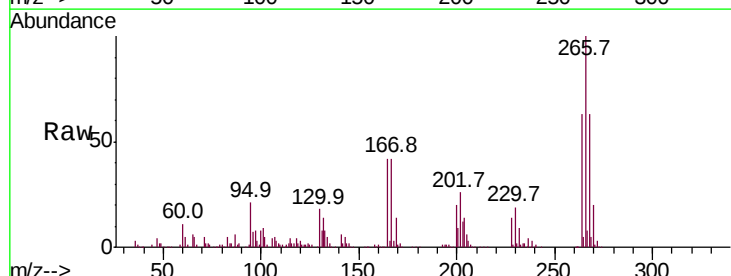
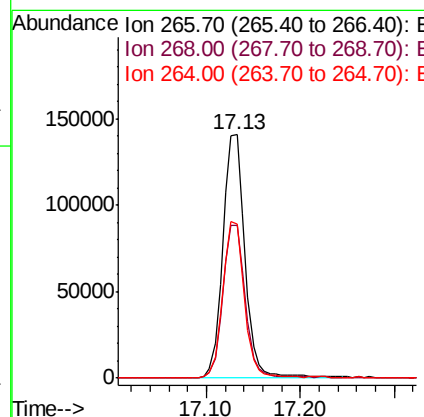
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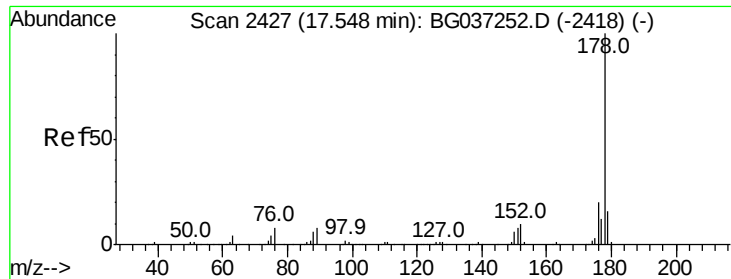
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#70
Pentachlorophenol
Concen: 74.627 ng
RT: 17.13 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.5	55.0	82.6
264	68.5	58.9	88.3





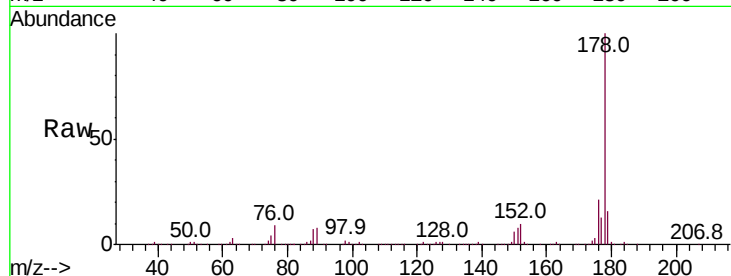
#71
Phenanthrene
Concen: 41.899 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

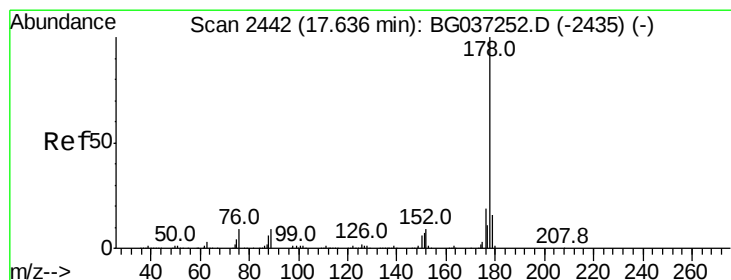
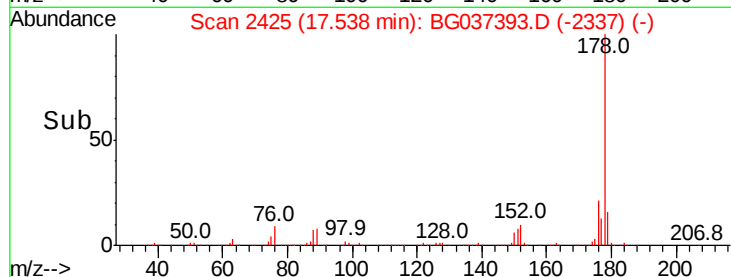
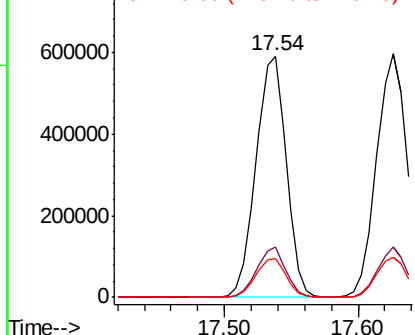
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.1	24.1
179	16.3	13.0	19.4

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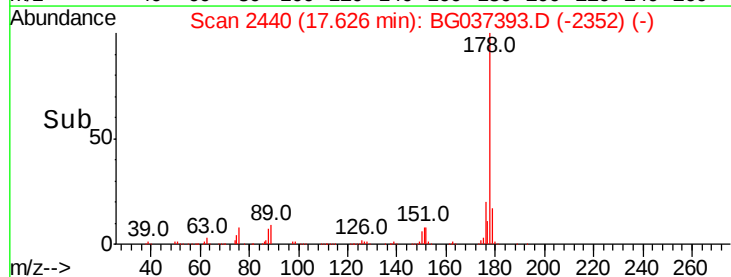
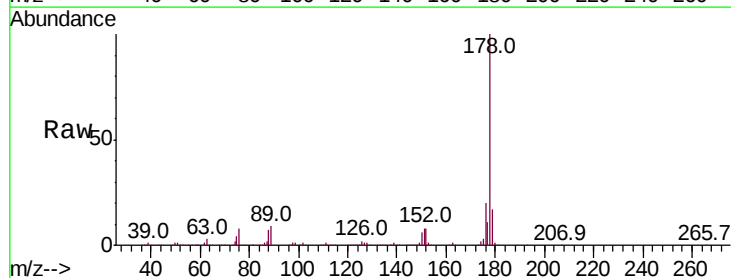
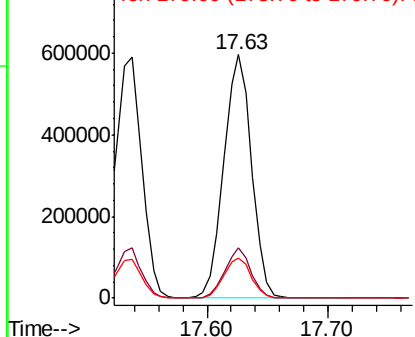
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

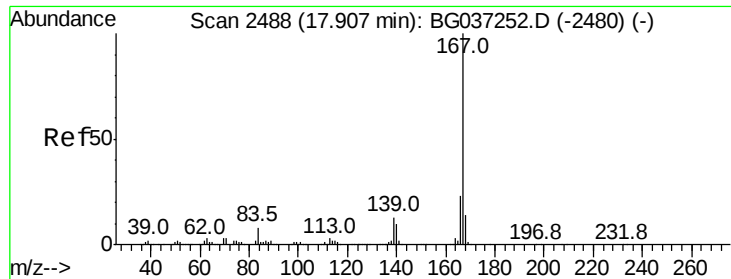


#72
Anthracene
Concen: 43.740 ng
RT: 17.63 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.0	22.4
179	16.5	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





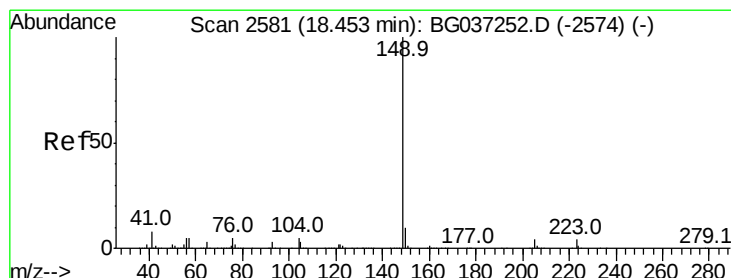
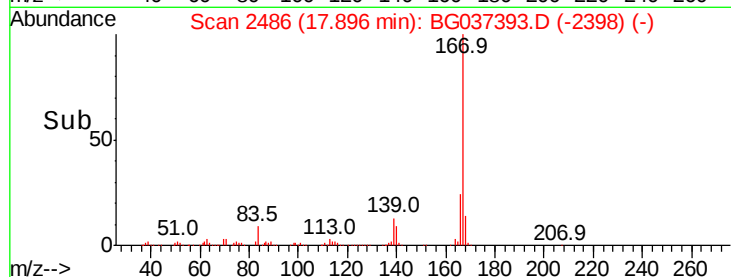
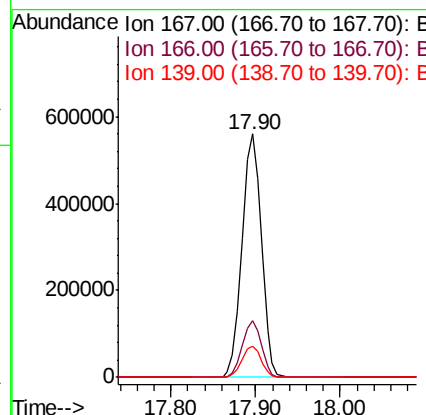
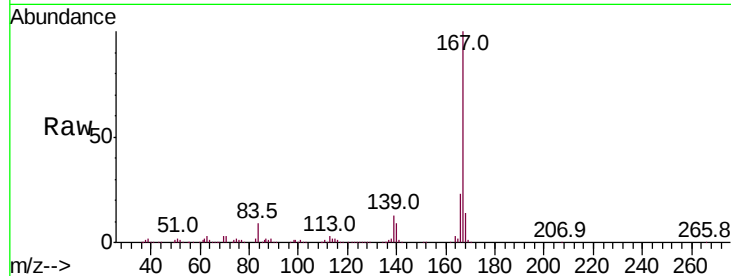
#73
 Carbazole
 Concen: 39.523 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Instrument :
 BNA_G
 ClientSampleId :
 PB113913BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.3	27.5
139	13.0	10.5	15.7

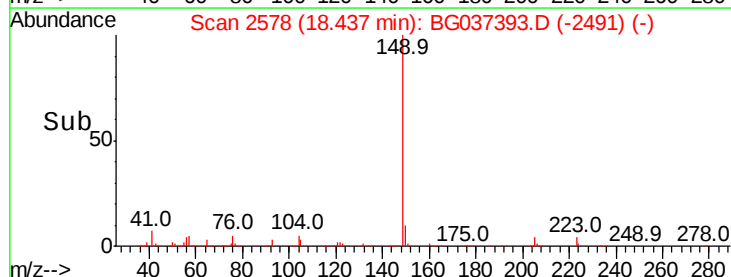
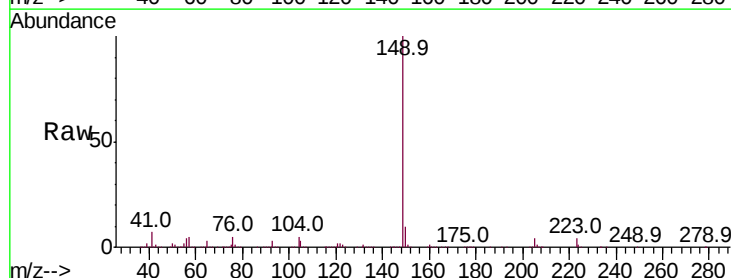
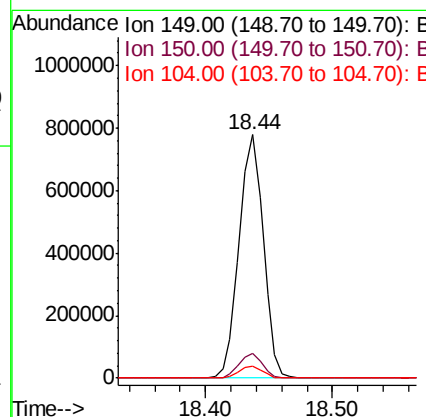
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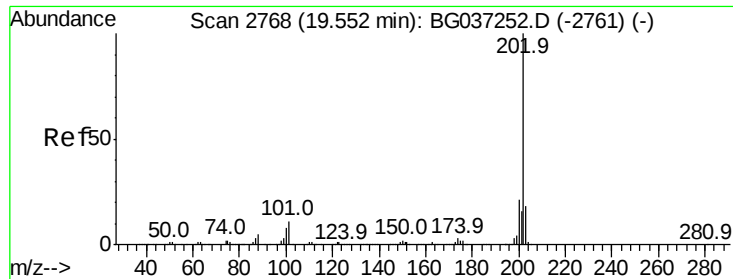
Sohil
 10/18/2018 2:25:25 PM



#74
 Di-n-butylphthalate
 Concen: 43.115 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037393.D
 Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 42.899 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

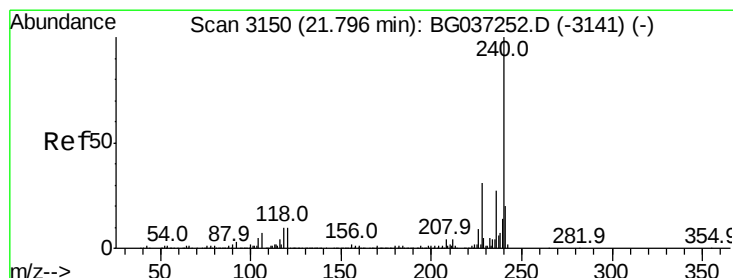
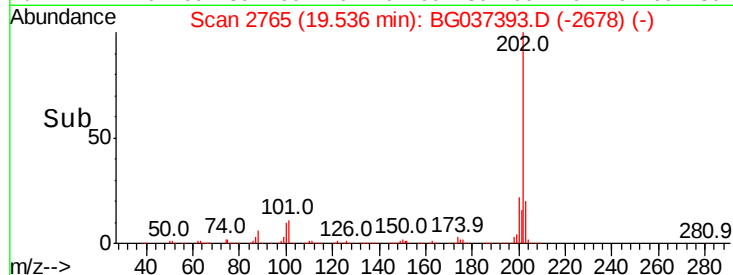
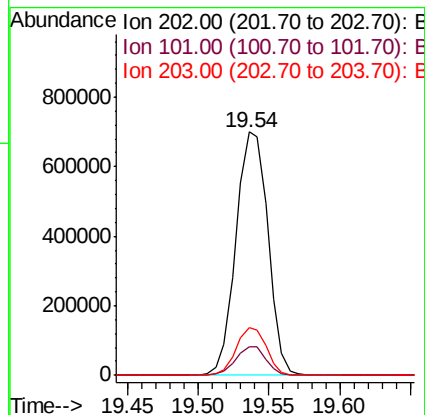
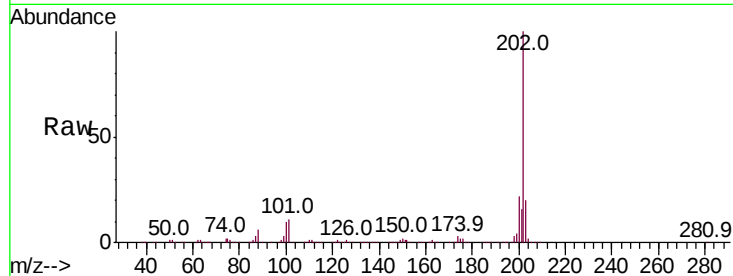
ClientSampleId :

PB113913BS

Tot Ion:	202	Resp:	1104270
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.7
203	19.8	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

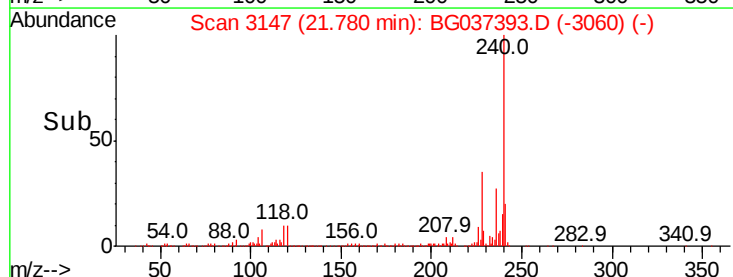
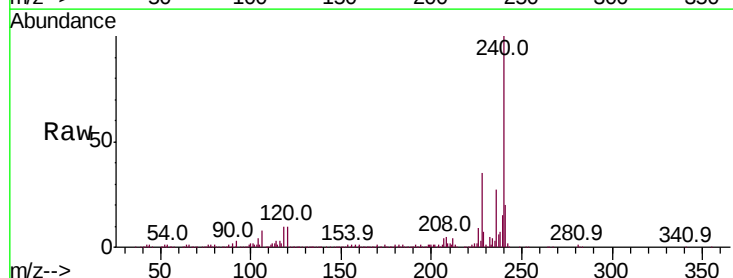
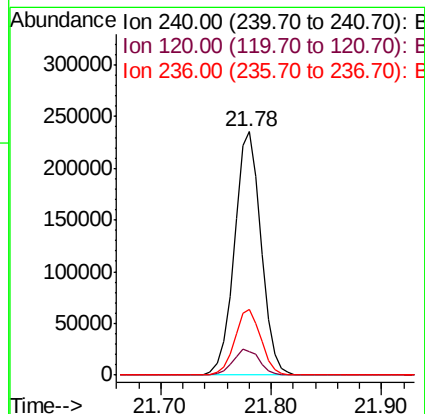
RT: 21.78 min Scan# 3147

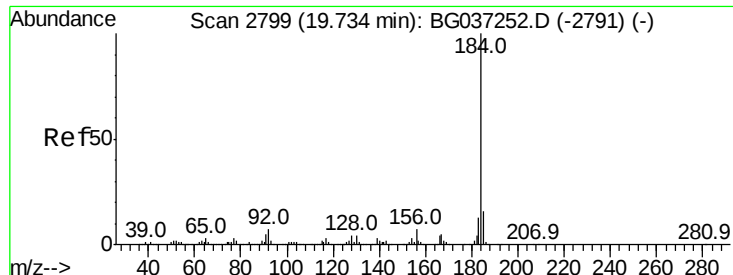
Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion:	240	Resp:	398018
Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.1	12.1
236	26.9	21.4	32.0





#77

Benzidine

Concen: 35.332 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

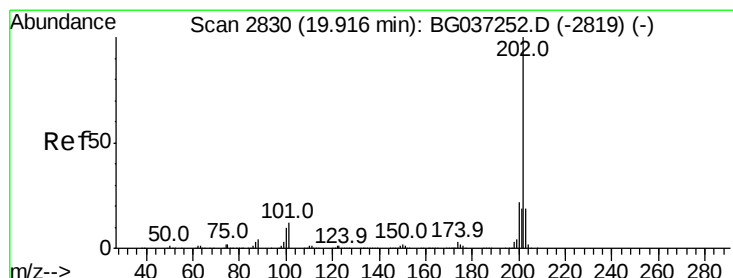
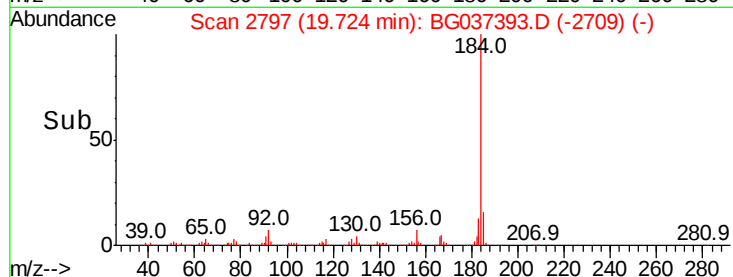
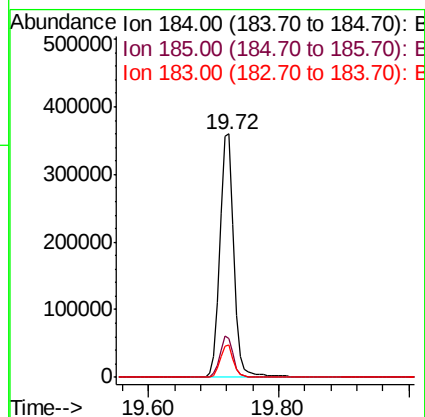
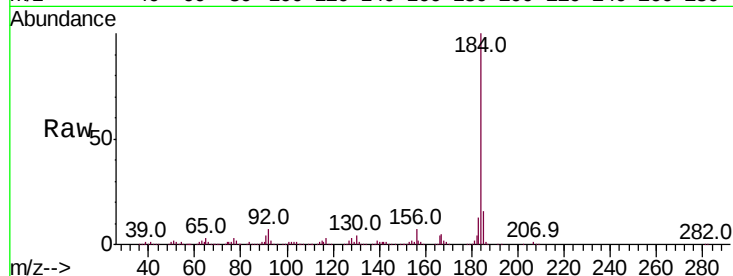
ClientSampleId :

PB113913BS

Tot Ion:	184	Resp:	537985
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.6	18.8
183	13.2	10.2	15.2

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#78

Pyrene

Concen: 42.658 ng

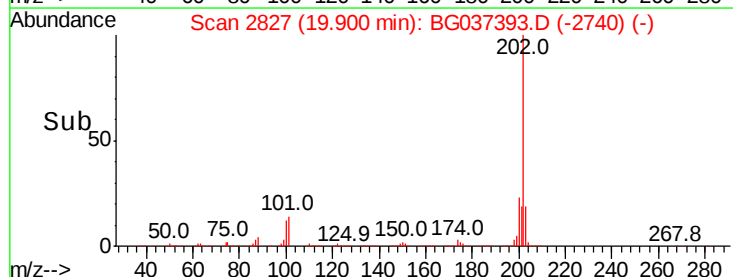
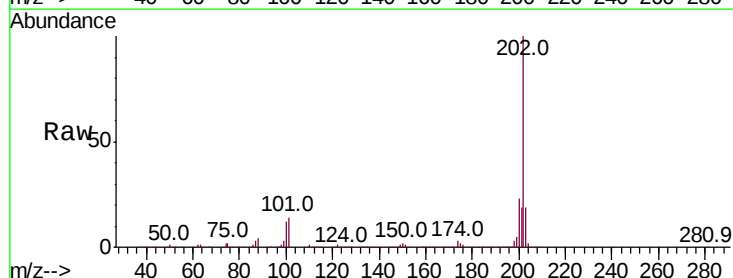
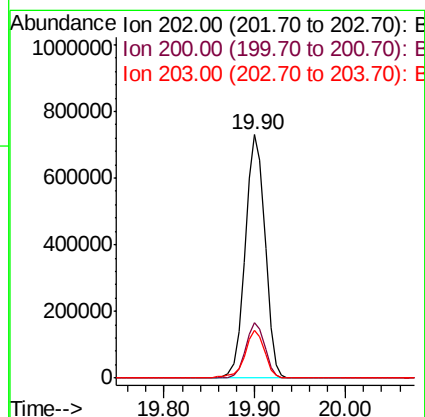
RT: 19.90 min Scan# 2827

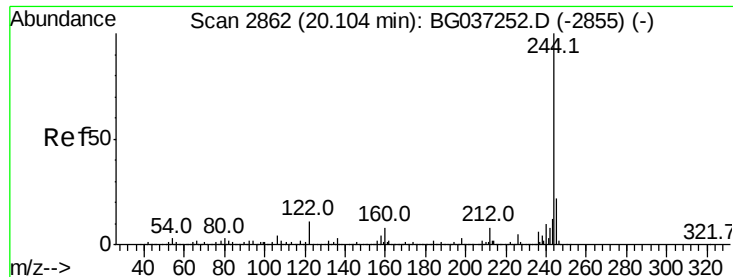
Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Tgt Ion:	202	Resp:	1106557
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.8	26.6
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 61.577 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

ClientSampleId :

PB113913BS

Tot Ion:244 Resp: 1167227

Ion Ratio Lower Upper

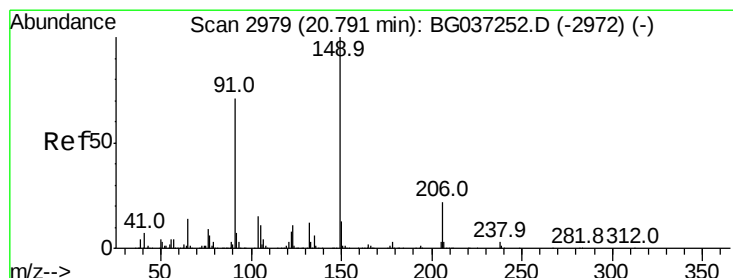
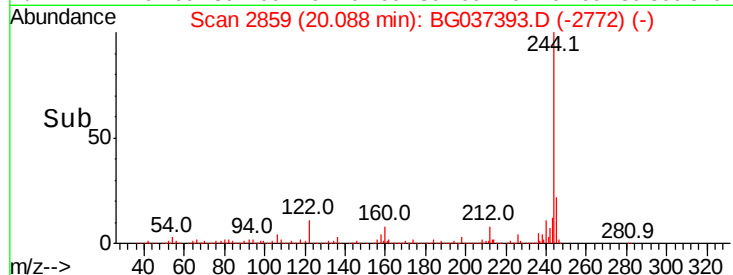
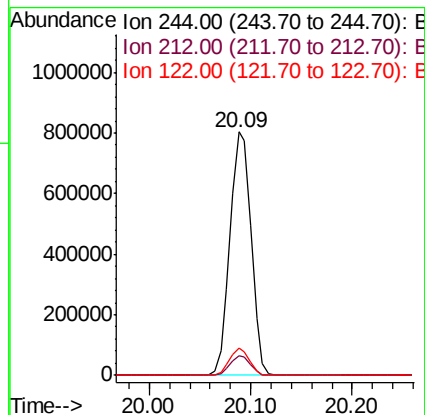
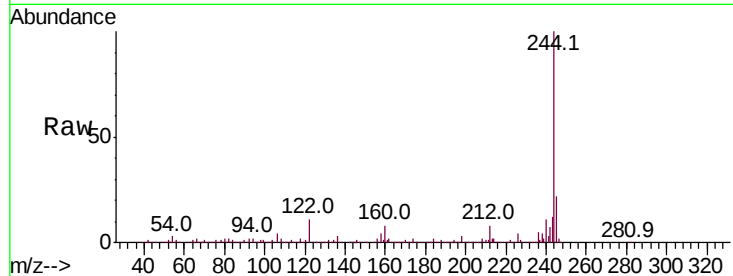
244 100

212 7.9 6.5 9.7

122 11.3 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 46.726 ng

RT: 20.78 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

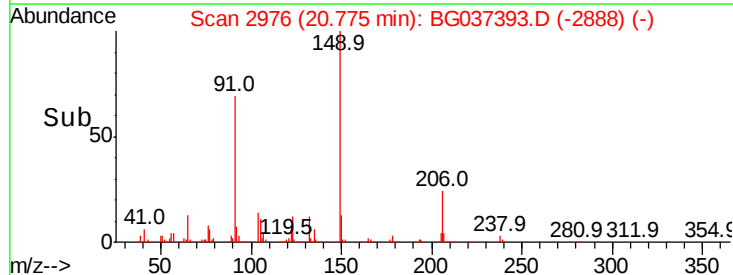
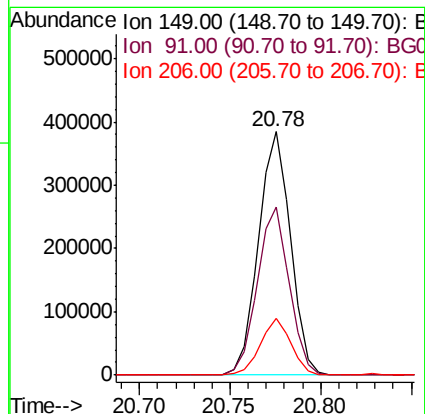
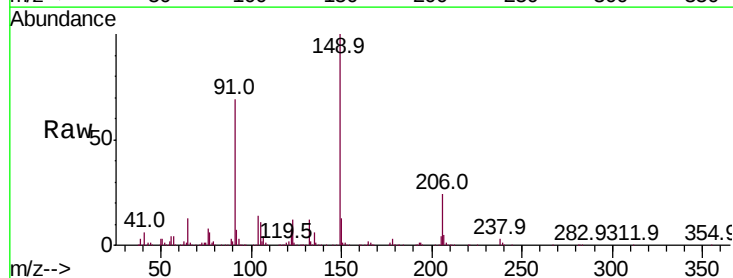
Tgt Ion:149 Resp: 471588

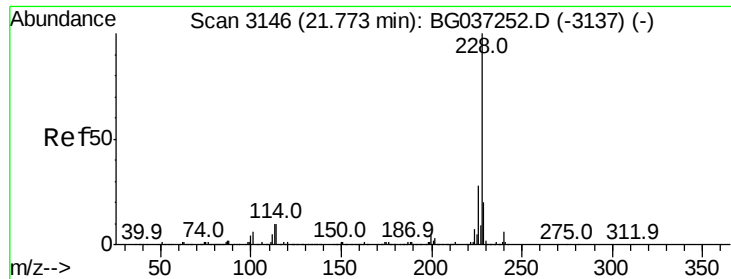
Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

206 23.6 17.8 26.6





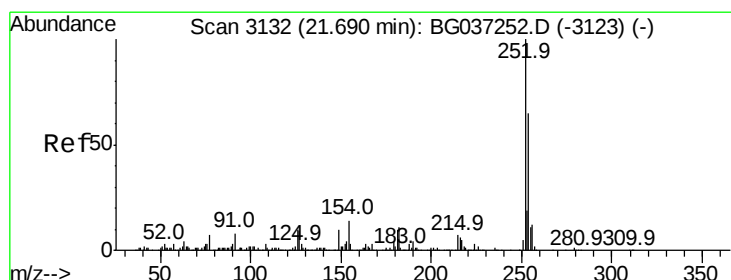
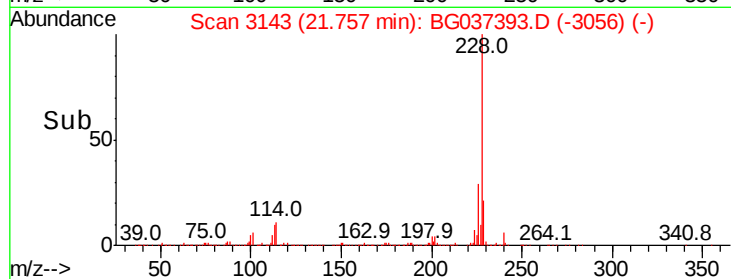
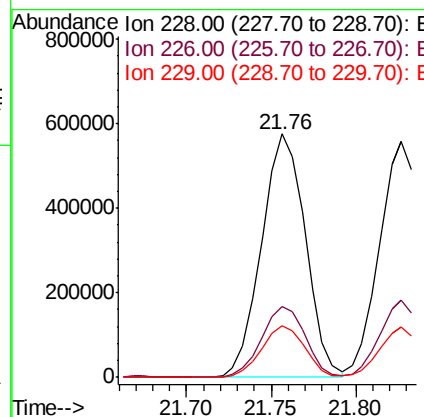
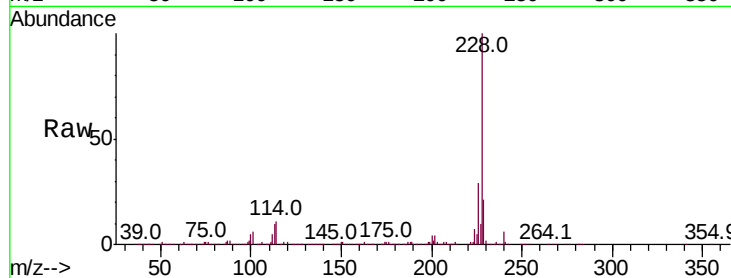
#81
Benzo(a)anthracene
Concen: 43.309 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion:	228	Resp:	1032389
Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.4	16.3	24.5

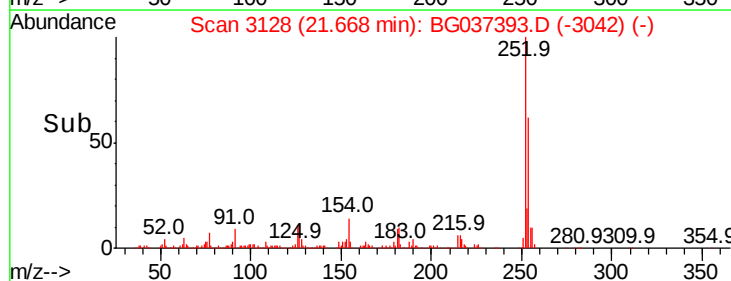
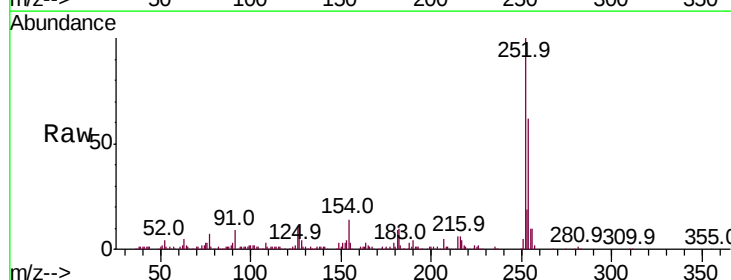
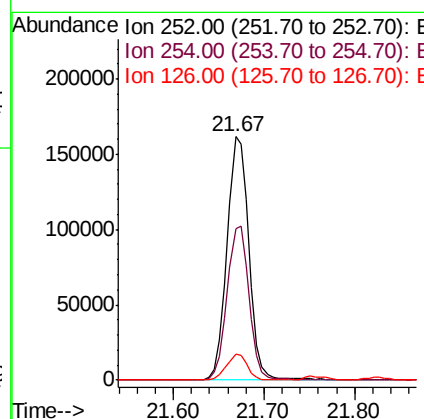
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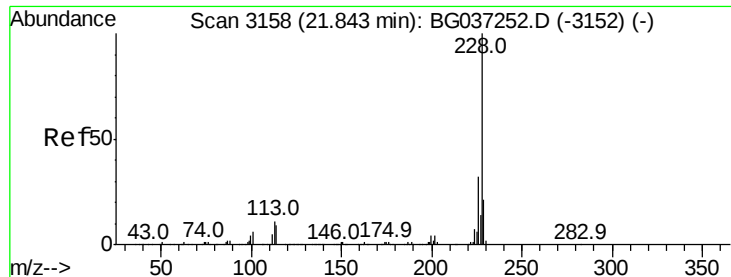
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#82
3,3'-Dichlorobenzidine
Concen: 29.380 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:	252	Resp:	270156
Ion	Ratio	Lower	Upper
252	100		
254	62.5	52.0	78.0
126	10.5	8.2	12.4





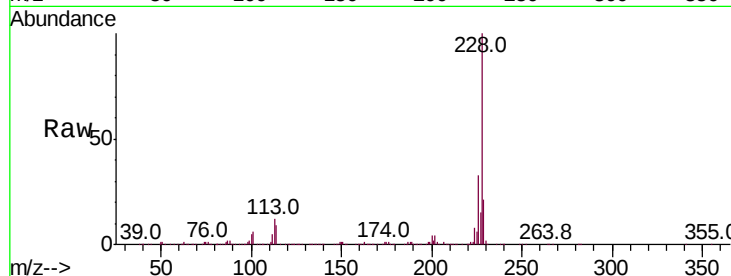
#83
Chrysene
Concen: 42.077 ng
RT: 21.83 min Scan# 3155
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.7	38.5
229	21.3	16.5	24.7

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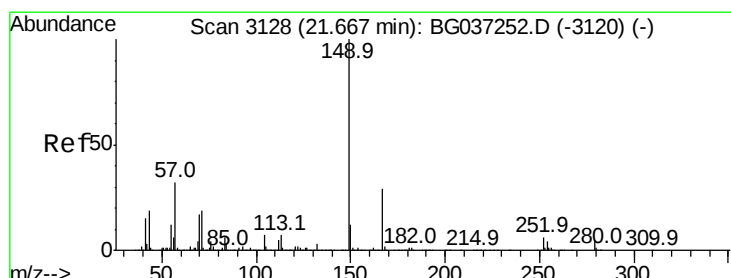
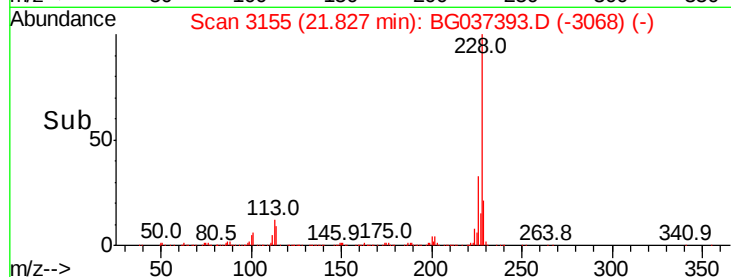
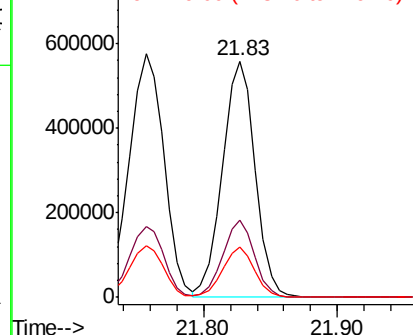


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.251 ng
RT: 21.64 min Scan# 3123
Delta R.T. -0.03 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

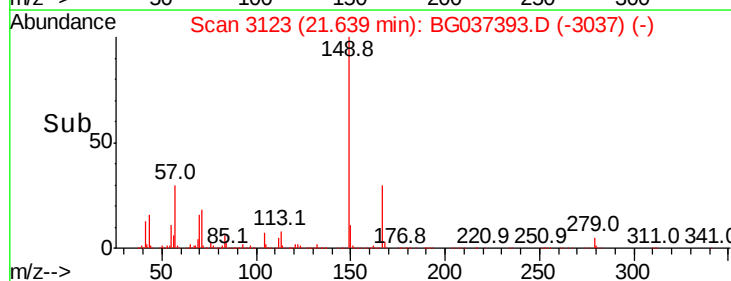
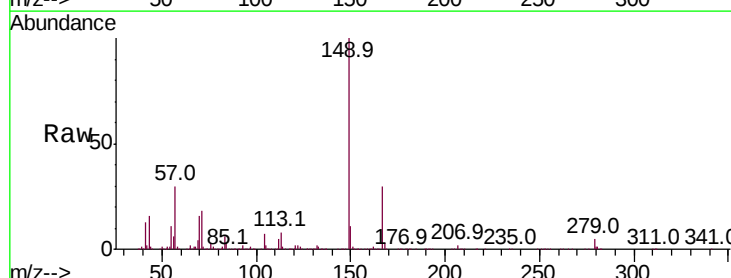
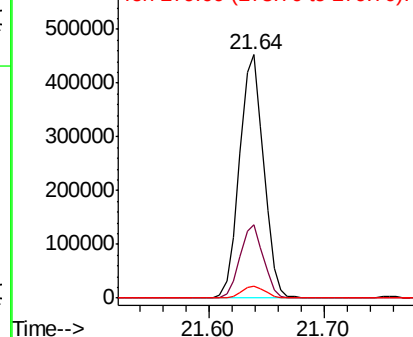
Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.0	34.4
279	4.7	3.6	5.4

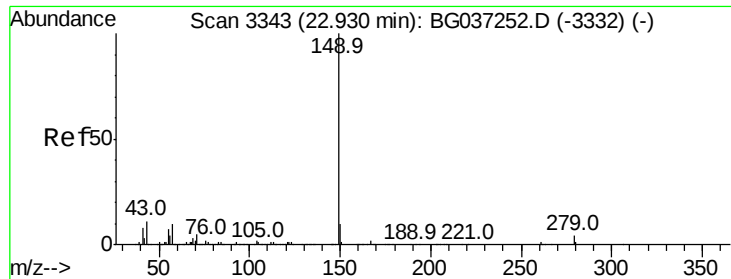
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





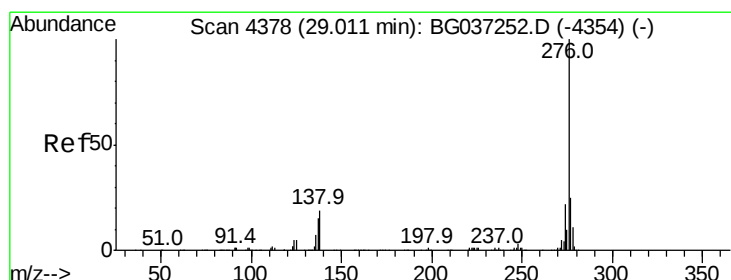
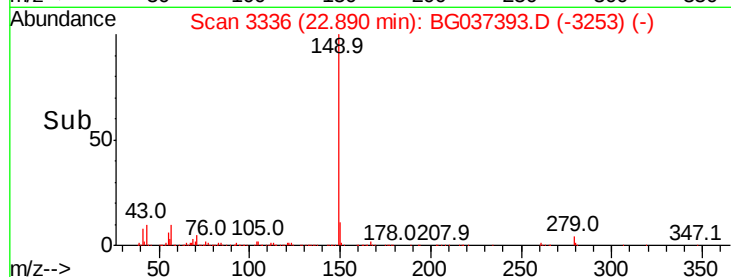
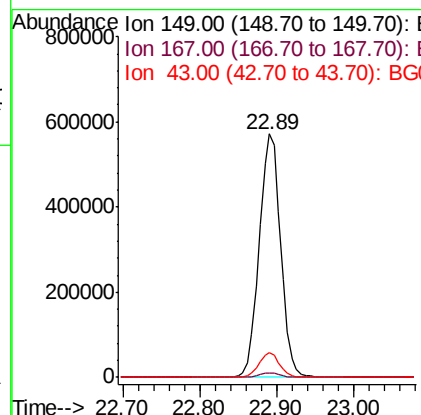
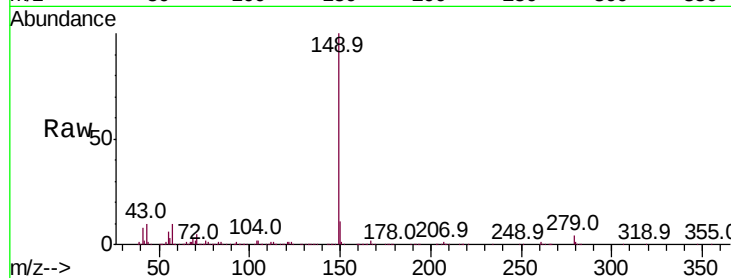
#85
Di-n-octyl phthalate
Concen: 47.197 ng
RT: 22.89 min Scan# 3336
Delta R.T. -0.04 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion:149 Resp: 1110208
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 8.7 13.1

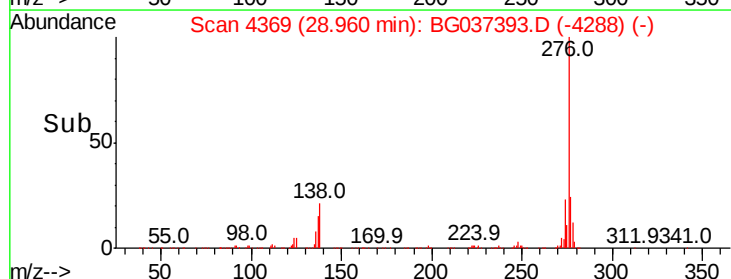
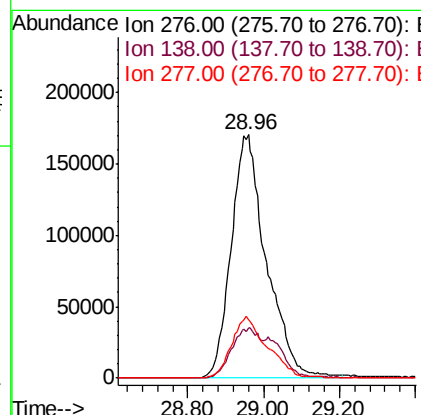
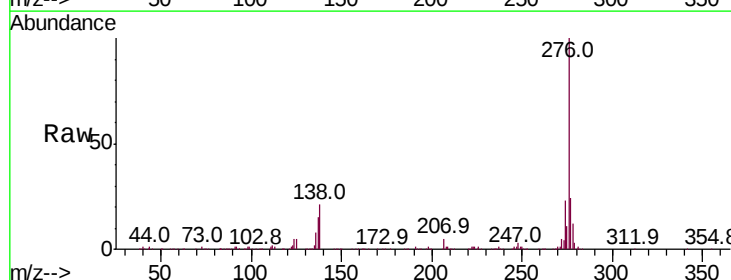
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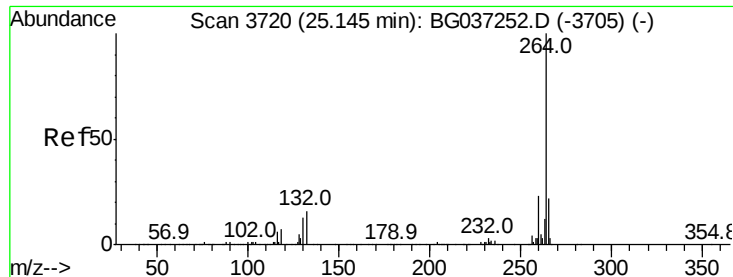
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.798 ng
RT: 28.96 min Scan# 4369
Delta R.T. -0.05 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion:276 Resp: 1103889
Ion Ratio Lower Upper
276 100
138 17.0 12.0 18.0
277 25.8 20.6 30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037393.D

Acq: 17 Oct 2018 16:52

Instrument :

BNA_G

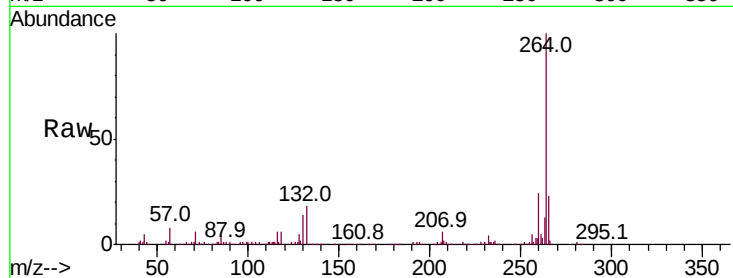
ClientSampleId :

PB113913BS

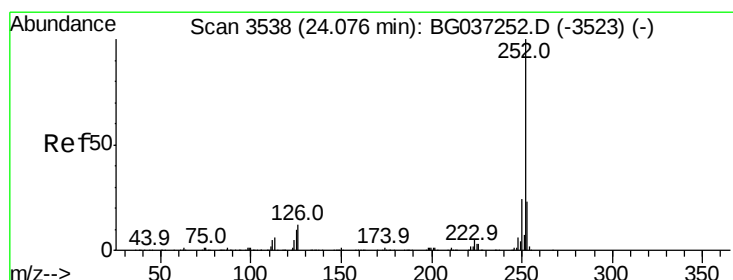
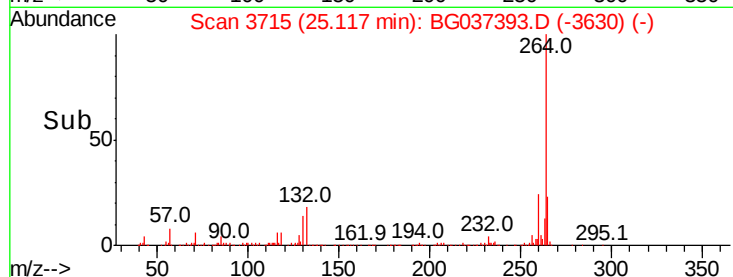
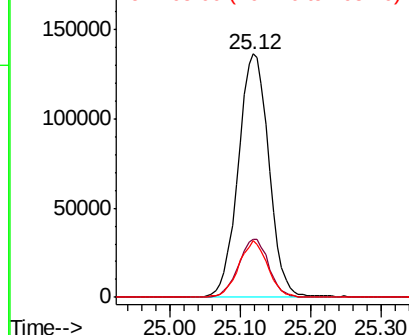
Tot Ion:	264	Resp:	411790
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.2	27.4
265	23.3	17.9	26.9

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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: 45.240 ng

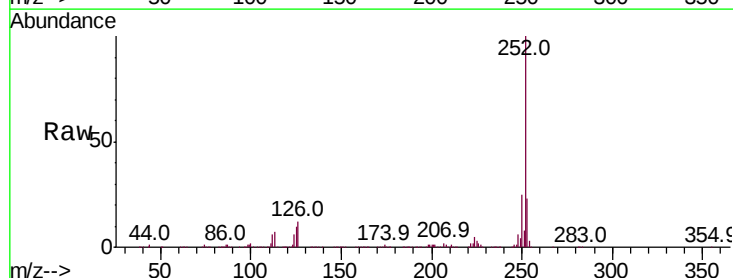
RT: 24.05 min Scan# 3533

Delta R.T. -0.03 min

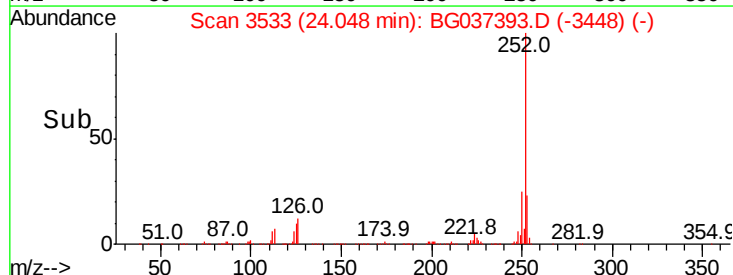
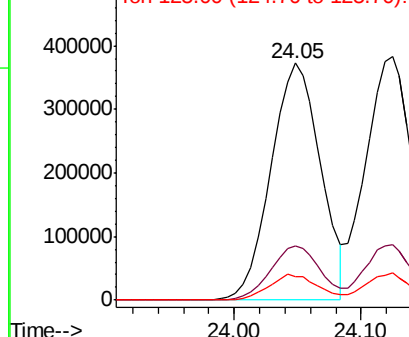
Lab File: BG037393.D

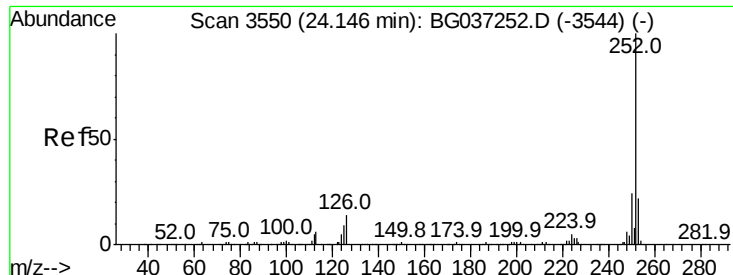
Acq: 17 Oct 2018 16:52

Tgt Ion:	252	Resp:	1012843
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	10.1	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





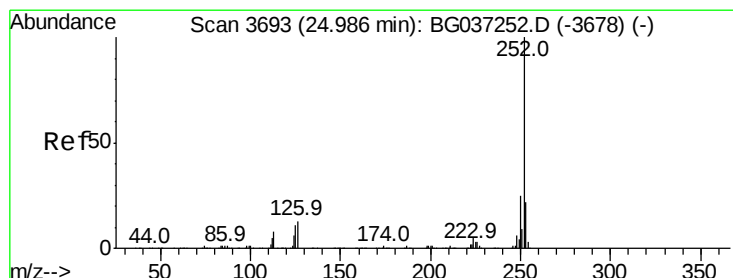
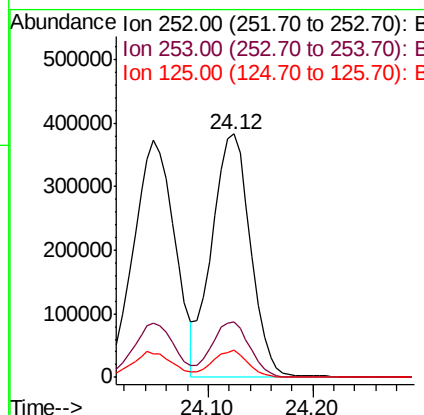
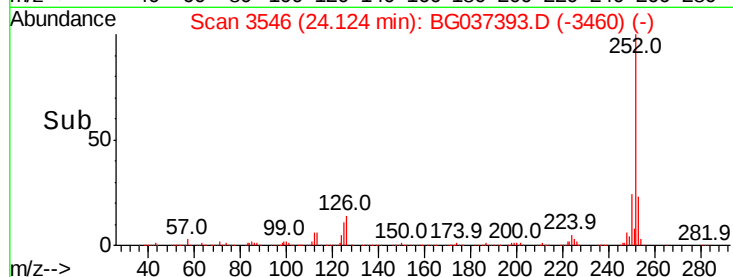
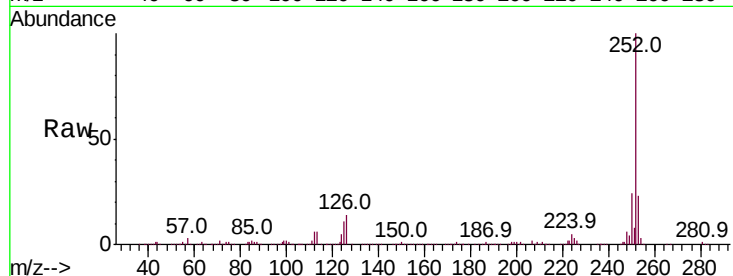
#89
Benzo(k)fluoranthene
Concen: 44.682 ng m
RT: 24.12 min Scan# 3546
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.2	7.4	11.0

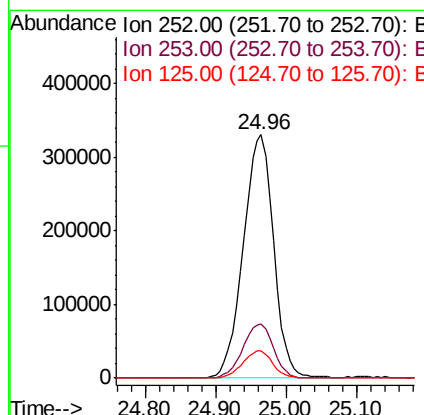
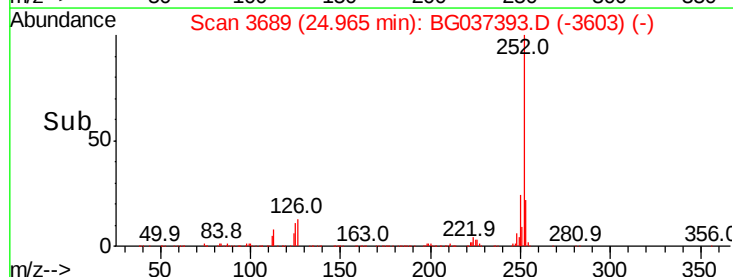
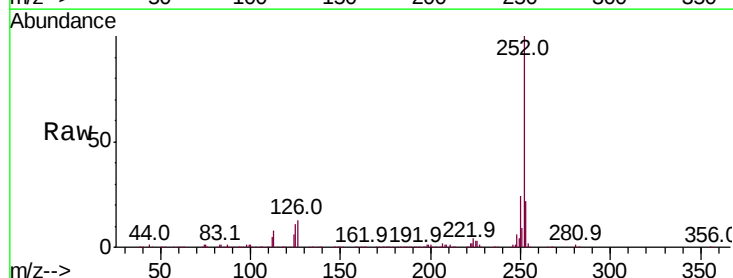
Manual Integrations
APPROVED

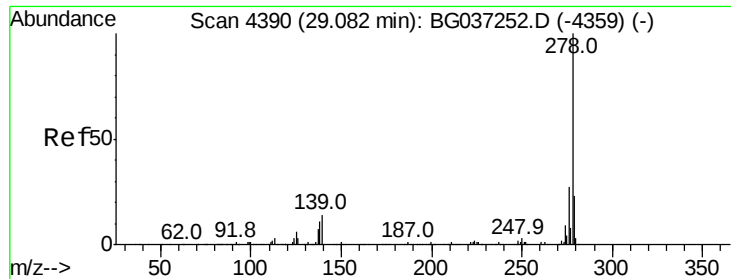
Sohil
10/18/2018 2:25:25 PM



#90
Benzo(a)pyrene
Concen: 46.086 ng
RT: 24.96 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.2	9.0	13.6





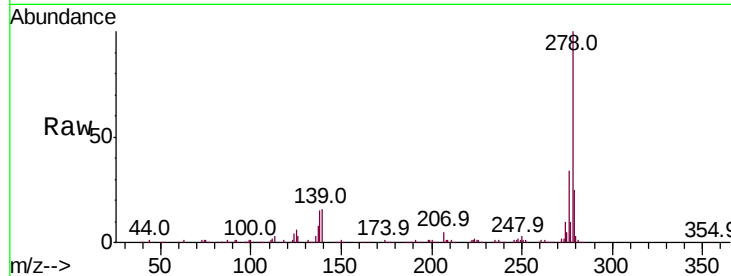
#91
Dibenzo(a,h)anthracene
Concen: 44.075 ng
RT: 29.02 min Scan# 4380
Delta R.T. -0.06 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	24.8	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/18/2018 2:25:25 PM

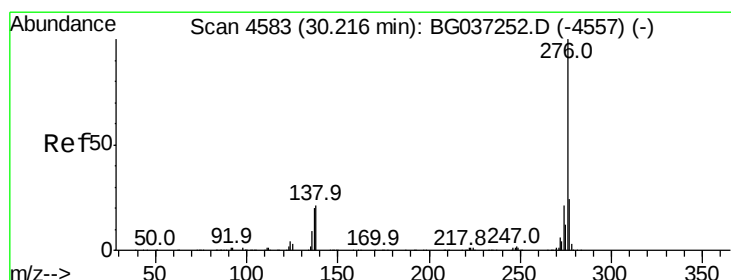
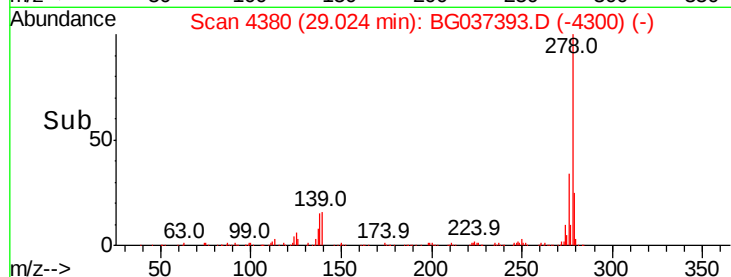
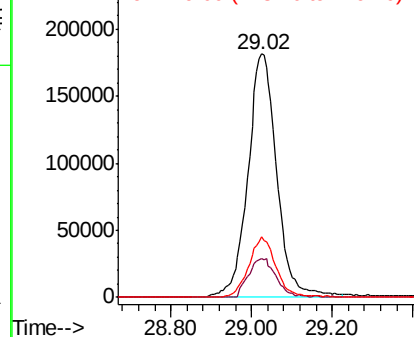


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.952 ng
RT: 30.17 min Scan# 4575
Delta R.T. -0.05 min
Lab File: BG037393.D
Acq: 17 Oct 2018 16:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	22.2	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

