

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
 Data File : BG037047.D
 Acq On : 28 Sep 2018 12:47
 Operator : JU/SJ
 Sample : PB113326BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Manual Integrations
 APPROVED

Sohil
 9/28/2018 4:24:39 PM

Quant Time: Sep 28 14:07:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42260	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	193697	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	124531	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	322930	20.00	ng	0.00
75) Chrysene-d12	21.68	240	329674	20.00	ng	0.00
86) Perylene-d12	24.88	264	321068	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	299177	135.77	ng	0.00
7) Phenol-d6	7.20	99	416176	122.07	ng	0.00
23) Nitrobenzene-d5	9.20	82	260255	71.95	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	163576	109.79	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	579905	69.36	ng	0.00
78) Terphenyl-d14	20.02	244	989744	78.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	43237	42.880	ng	99
3) Pyridine	3.91	79	110043	37.797	ng	96
4) n-Nitrosodimethylamine	3.83	42	65462	50.588	ng	# 97
6) Aniline	7.37	93	151668	34.284	ng	98
8) 2-Chlorophenol	7.61	128	120102	46.940	ng	96
9) Benzaldehyde	7.18	77	61045	27.097	ng	95
10) Phenol	7.23	94	165584	47.060	ng	93
11) bis(2-Chloroethyl)ether	7.46	93	121708	37.394	ng	97
12) 1,3-Dichlorobenzene	7.93	146	125615	40.045	ng	97
13) 1,4-Dichlorobenzene	8.08	146	128652	40.077	ng	96
14) 1,2-Dichlorobenzene	8.40	146	124522	40.029	ng	94
15) Benzyl Alcohol	8.28	79	112943	40.827	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	265821	42.541	ng	98
17) 2-Methylphenol	8.48	107	106586	43.488	ng	95
18) Hexachloroethane	9.12	117	49809	42.164	ng	99
19) n-Nitroso-di-n-propylamine	8.84	70	106212	37.449	ng	98
20) 3+4-Methylphenols	8.81	107	148307	43.496	ng	99
22) Acetophenone	8.87	105	183293	40.268	ng	# 97
24) Nitrobenzene	9.24	77	154830	40.084	ng	98
25) Isophorone	9.76	82	297254	44.976	ng	99
26) 2-Nitrophenol	9.95	139	66701	43.323	ng	98
27) 2,4-Dimethylphenol	10.01	122	113957	47.516	ng	95
28) bis(2-Chloroethoxy)methane	10.25	93	166078	40.724	ng	99
29) 2,4-Dichlorophenol	10.49	162	125328	45.079	ng	94
30) 1,2,4-Trichlorobenzene	10.70	180	131327	37.746	ng	98
31) Naphthalene	10.89	128	387270	42.020	ng	98
32) Benzoic acid	10.16	122	48864	29.188	ng	91
33) 4-Chloroaniline	11.00	127	107133	25.567	ng	99
34) Hexachlorobutadiene	11.17	225	87987	36.569	ng	96
35) Caprolactam	11.78	113	48182m	42.107	ng	
36) 4-Chloro-3-methylphenol	12.12	107	147976	44.607	ng	97
37) 2-Methylnaphthalene	12.50	142	294950	42.020	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	163732	37.697	ng	98
40) Hexachlorocyclopentadiene	12.84	237	182398	81.652	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	104945	43.511	nq	98
43) 2,4,5-Trichlorophenol	13.17	196	114918	44.683	nq	98
45) 1,1'-Biphenyl	13.50	154	381122	39.961	nq	98
46) 2-Chloronaphthalene	13.54	162	291908	38.920	nq	98
47) 2-Nitroaniline	13.75	65	115073	44.357	nq	98
48) Acenaphthylene	14.39	152	496322	42.229	nq	99
49) Dimethylphthalate	14.12	163	402639	40.168	nq	100
50) 2,6-Dinitrotoluene	14.24	165	88101	40.283	nq	99
51) Acenaphthene	14.73	154	281795	39.671	nq	100
52) 3-Nitroaniline	14.58	138	74426	32.295	nq	98
53) 2,4-Dinitrophenol	14.78	184	75505	74.272	nq	94
54) Dibenzofuran	15.06	168	475605	39.584	nq	99
55) 4-Nitrophenol	14.88	139	142473	96.771	nq	94
56) 2,4-Dinitrotoluene	15.03	165	126612	41.488	nq	95
57) Fluorene	15.71	166	386037	42.987	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	119230	45.700	nq	99
59) Diethylphthalate	15.48	149	407692	40.325	nq	99
60) 4-Chlorophenyl-phenylether	15.70	204	210014	36.927	nq	98
61) 4-Nitroaniline	15.74	138	97644	40.280	nq	98
62) Azobenzene	16.00	77	418546	43.085	nq	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	70359	41.674	nq	94
65) n-Nitrosodiphenylamine	15.92	169	349021	39.149	nq	97
66) 4-Bromophenyl-phenylether	16.60	248	135087	36.777	nq	96
67) Hexachlorobenzene	16.72	284	134865	35.649	nq	96
68) Atrazine	16.87	200	140861	39.022	nq	99
69) Pentachlorophenol	17.06	266	164876	69.222	nq	98
70) Phenanthrene	17.46	178	652058	41.901	nq	98
71) Anthracene	17.54	178	665071	43.221	nq	99
72) Carbazole	17.81	167	597904	39.852	nq	99
73) Di-n-butylphthalate	18.37	149	704889	42.307	nq	99
74) Fluoranthene	19.46	202	805074	42.978	nq	99
76) Benzidine	19.64	184	319021	32.011	nq	99
77) Pyrene	19.82	202	790248	39.945	nq	99
79) Butylbenzylphthalate	20.70	149	337092	42.749	nq	97
80) Benzo(a)anthracene	21.66	228	793129	41.213	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	216092	29.500	nq	98
82) Chrysene	21.73	228	749608	40.314	nq	99
83) Bis(2-ethylhexyl)phthalate	21.56	149	466614	42.359	nq	98
84) Di-n-octyl phthalate	22.76	149	791714	43.651	nq	100
85) Indeno(1,2,3-cd)pyrene	28.53	276	875234	43.834	nq	# 93
87) Benzo(b)fluoranthene	23.87	252	786865	45.987	nq	98
88) Benzo(k)fluoranthene	23.94	252	752663	43.845	nq	99
89) Benzo(a)pyrene	24.74	252	750419	45.364	nq	99
90) Dibenzo(a,h)anthracene	28.58	278	714967	46.117	nq	99
91) Benzo(g,h,i)perylene	29.66	276	723222	46.482	nq	98

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

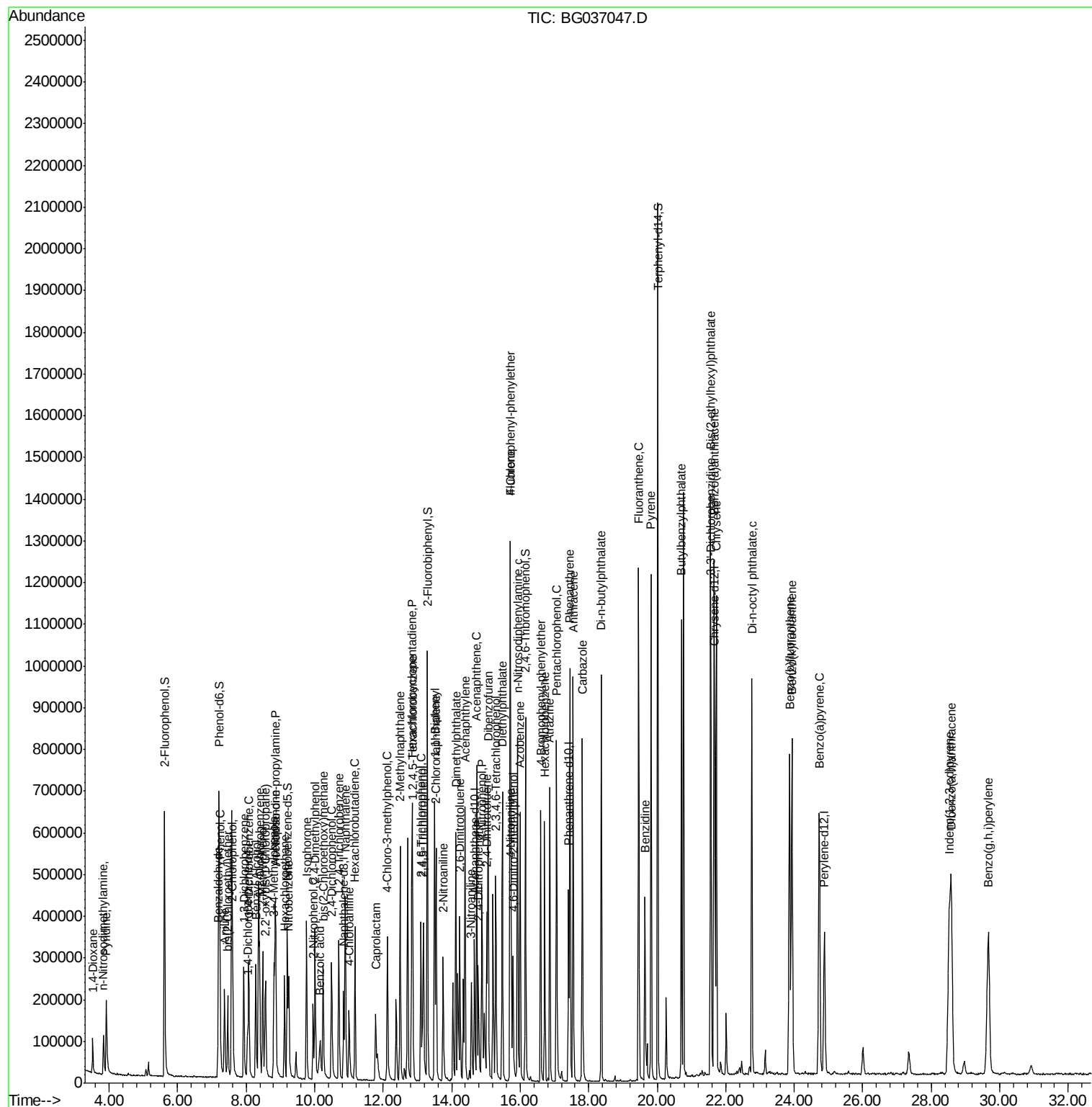
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
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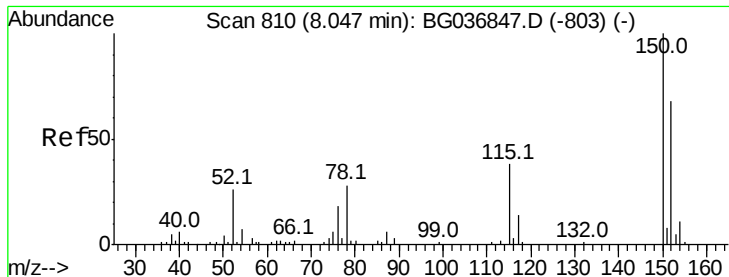
Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

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#1

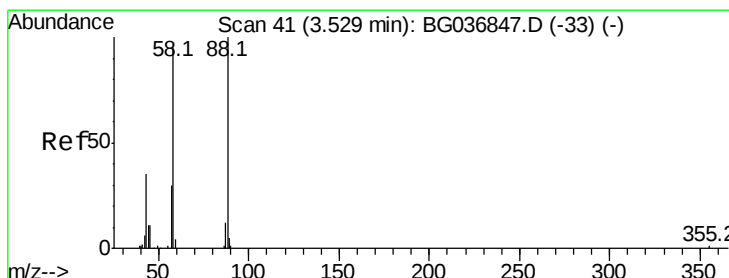
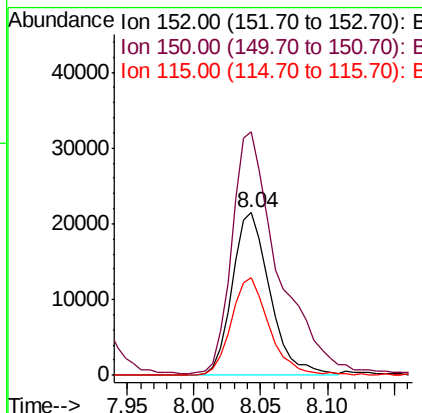
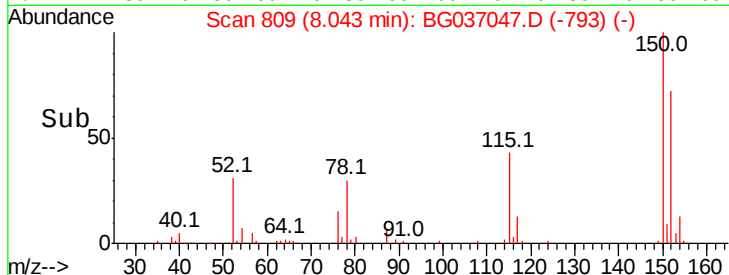
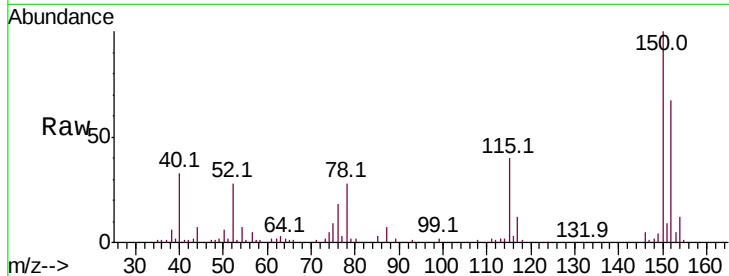
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	119.5	179.3
115	60.3	44.5	66.7

Manual Integrations
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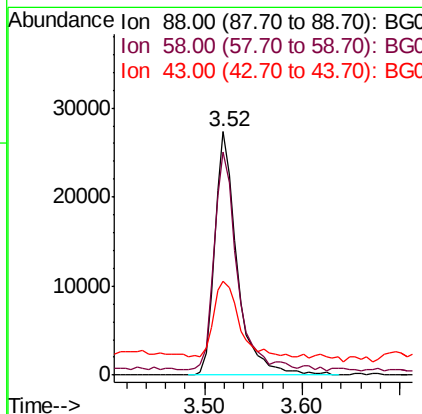
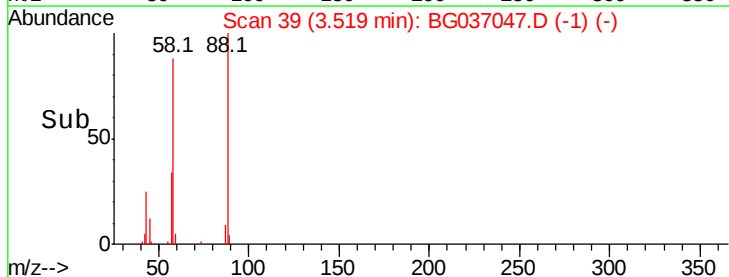
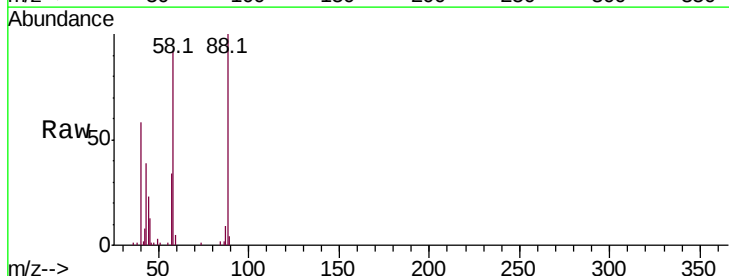
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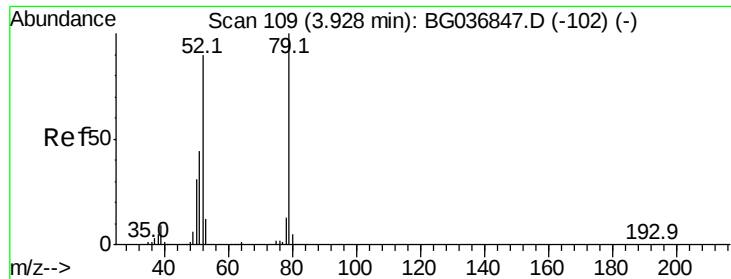


#2

1,4-Dioxane
Concen: 42.880 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.5	72.6	109.0
43	35.8	29.0	43.4





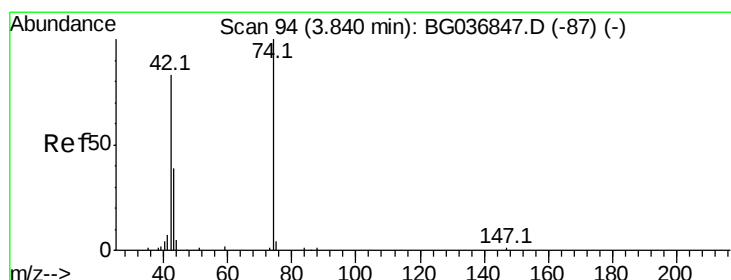
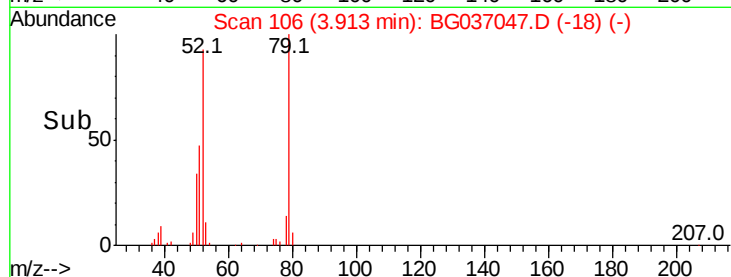
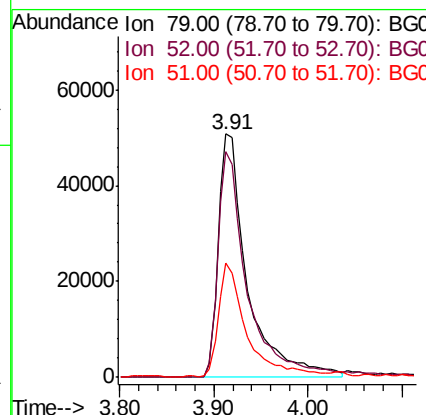
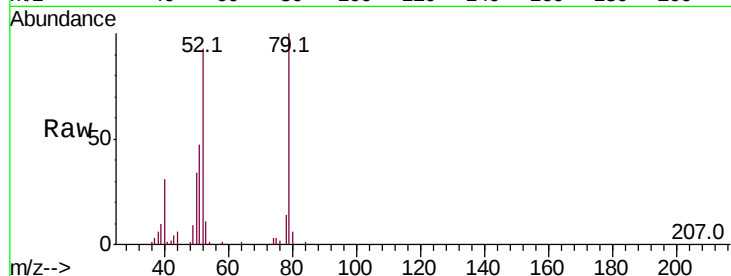
#3
 Pvridine
 Concen: 37.797 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.02 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.5	72.3	108.5
51	47.2	33.8	50.6

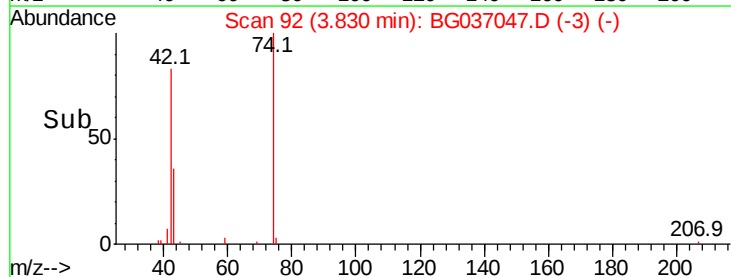
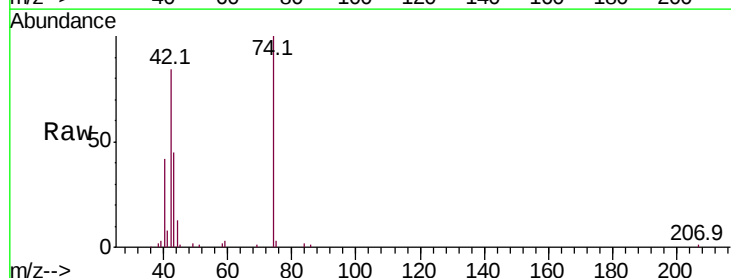
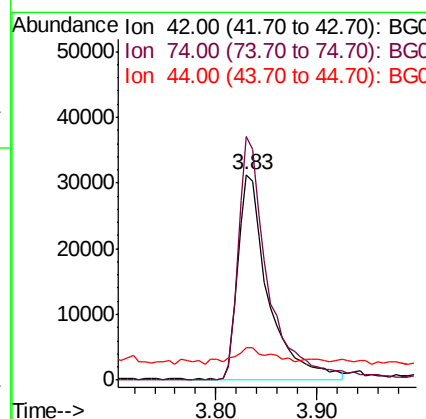
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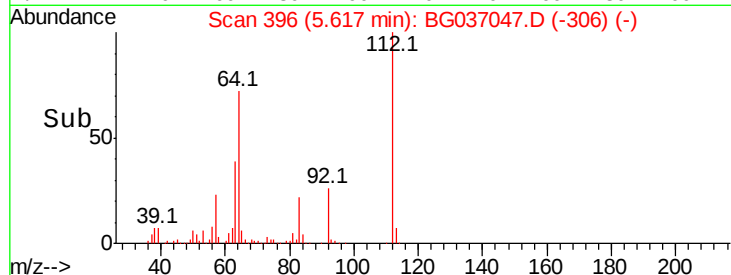
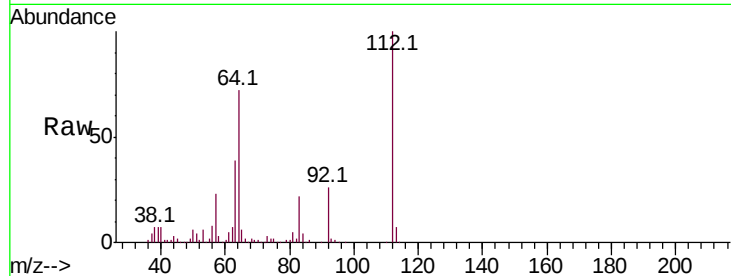
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#4
 n-Nitrosodimethylamine
 Concen: 50.588 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.6	96.6	145.0
44	15.9	7.0	10.4





#5

2-Fluorophenol

Concen: 135.768 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tot Ion	Ratio	Resp	Lower	Upper
112	100	299177		
64	71.9	57.2	85.8	
63	38.7	30.8	46.2	

Instrument :

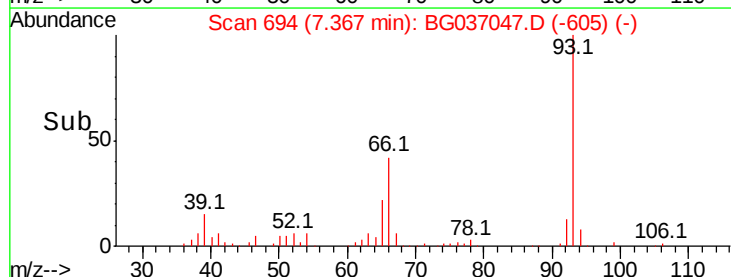
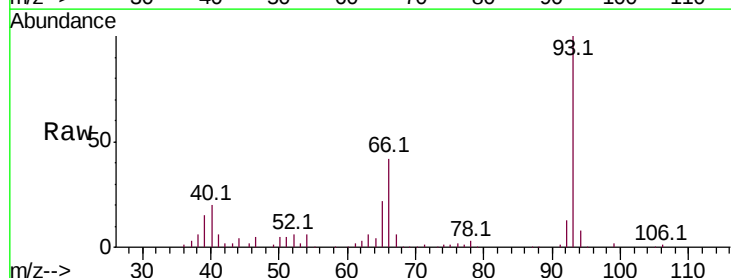
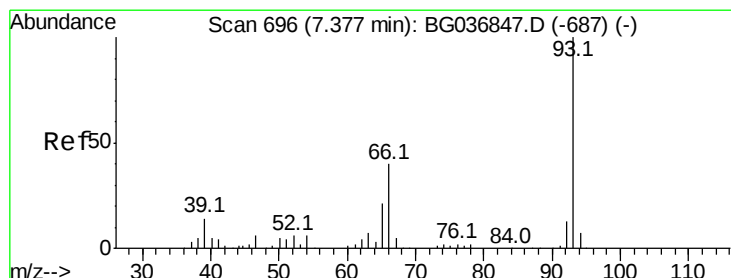
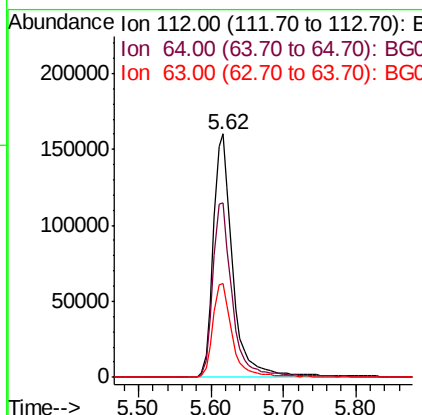
BNA_G

ClientSampleId :

PB113326BS

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#6

Aniline

Concen: 34.284 ng

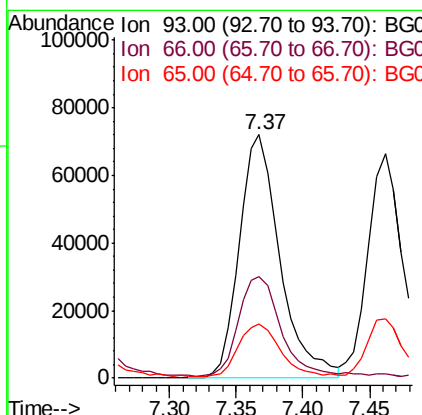
RT: 7.37 min Scan# 694

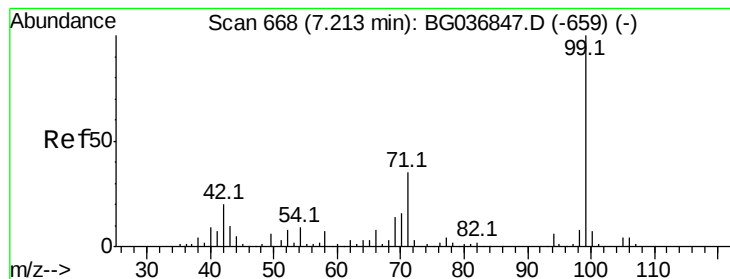
Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	151668		
66	41.8	35.0	52.4	
65	22.2	17.6	26.4	





#7

Phenol-d6

Concen: 122.070 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

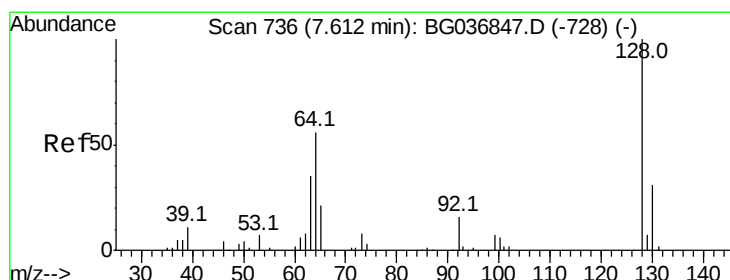
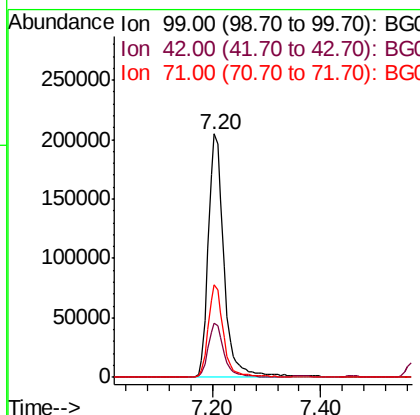
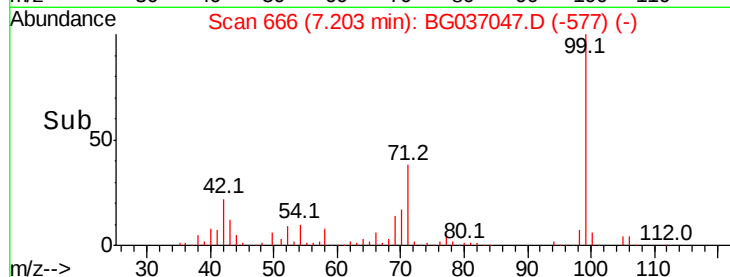
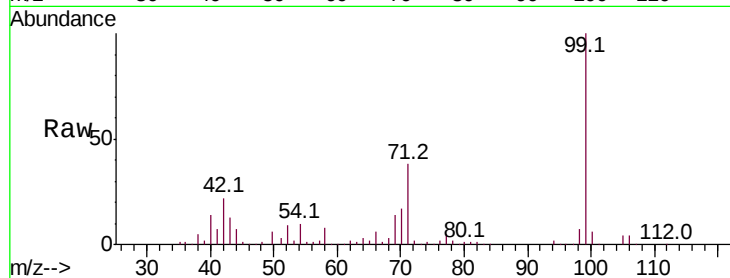
ClientSampled :

PB113326BS

Tot Ion:	99	Resp:	416176
Ion Ratio	Lower	Upper	
99	100		
42	22.3	16.5	24.7
71	38.1	29.4	44.2

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#8

2-Chlorophenol

Concen: 46.940 ng

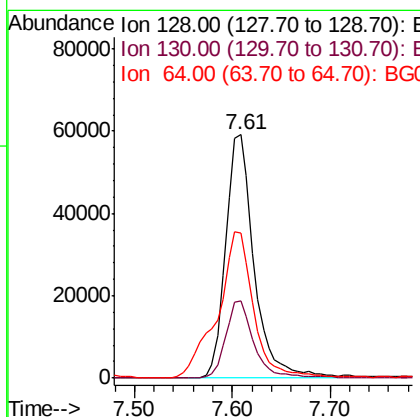
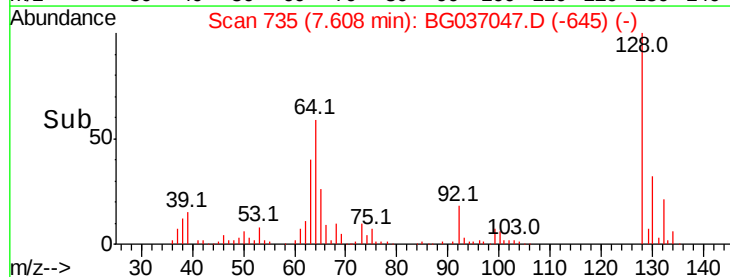
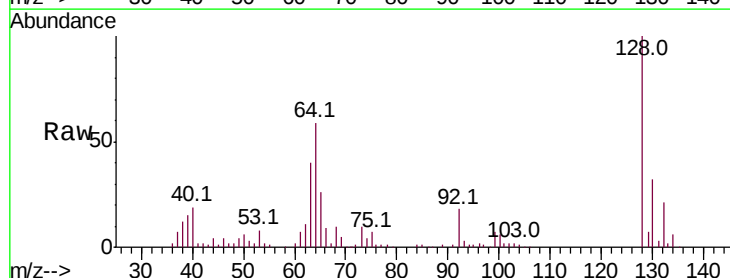
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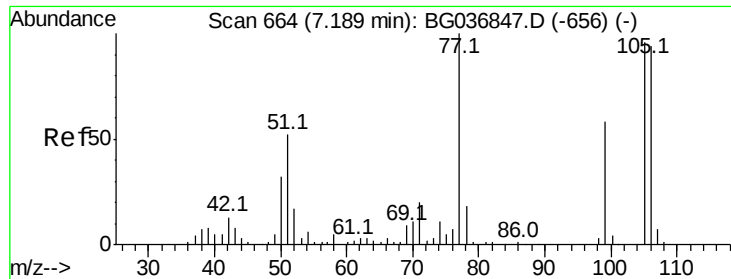
Delta R.T. -0.00 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	128	Resp:	120102
Ion Ratio	Lower	Upper	
128	100		
130	31.6	10.0	50.0
64	59.5	36.0	76.0





#9

Benzaldehyde

Concen: 27.097 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampleID :

PB113326BS

Tot Ion: 77 Resp: 61045

Ion Ratio Lower Upper

77 100

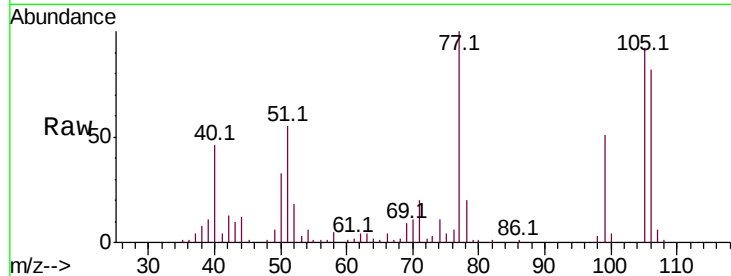
105 92.4 70.5 110.5

106 82.4 69.8 109.8

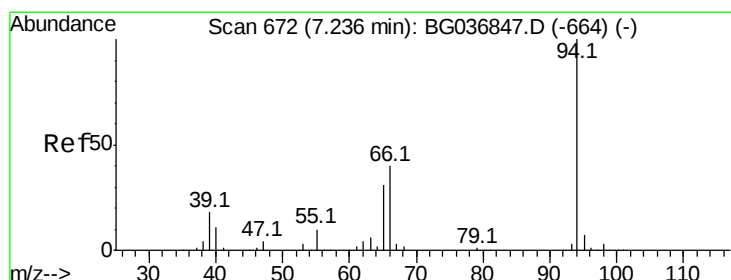
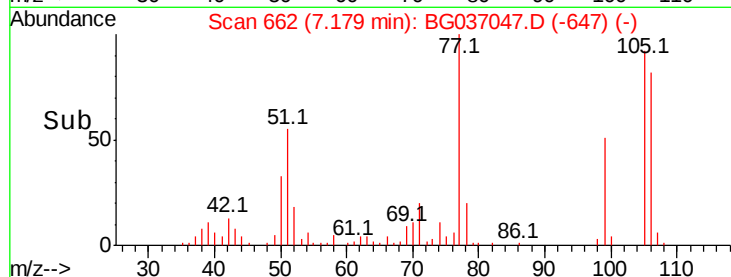
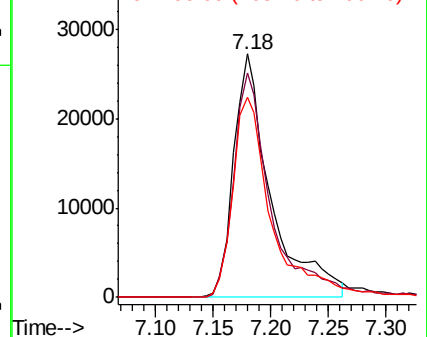
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.060 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

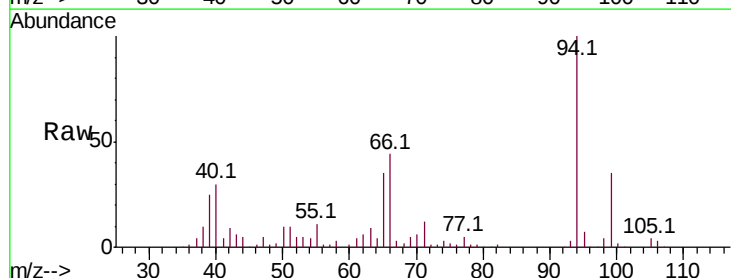
Tgt Ion: 94 Resp: 165584

Ion Ratio Lower Upper

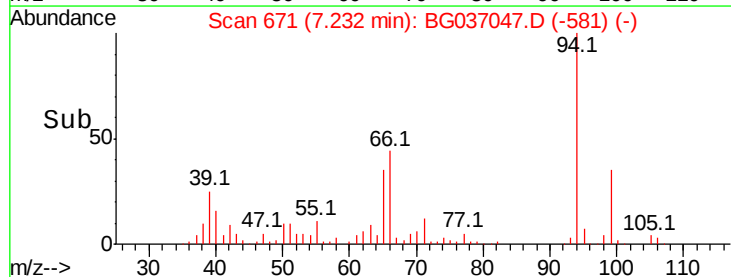
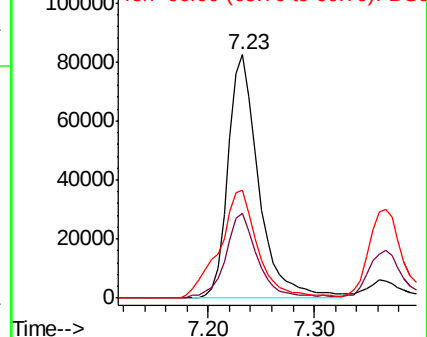
94 100

65 35.0 11.5 51.5

66 44.5 19.5 59.5



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





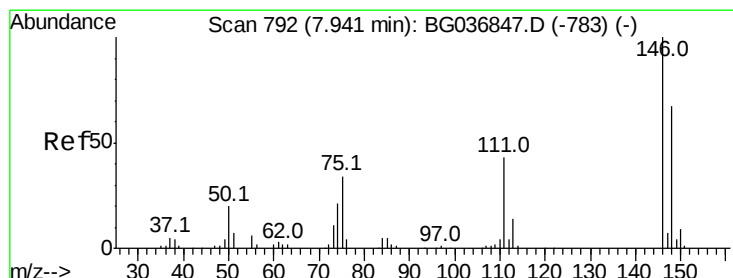
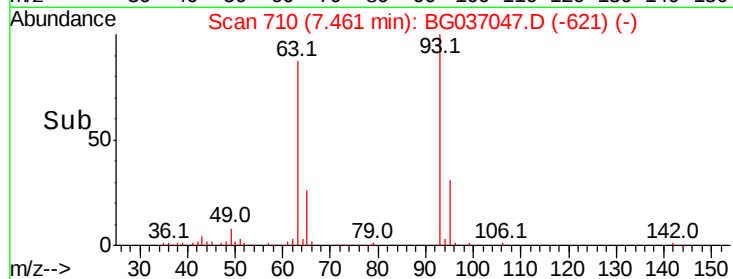
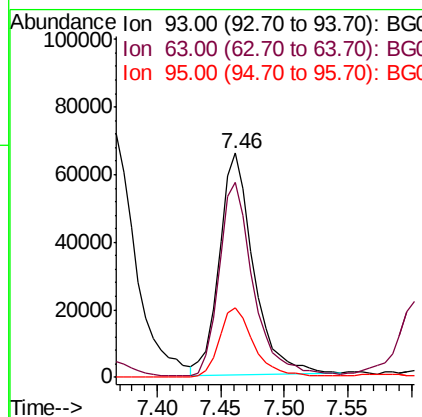
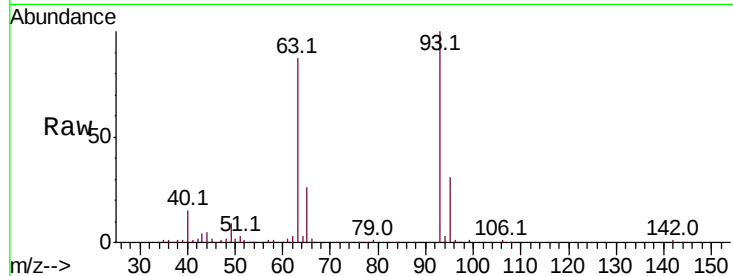
#11
bis(2-Chloroethyl)ether
Concen: 37.394 ng
RT: 7.46 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	93	Resp	121708
Ion Ratio	100	Lower	Upper
93	100		
63	87.1	69.9	109.9
95	31.1	11.7	51.7

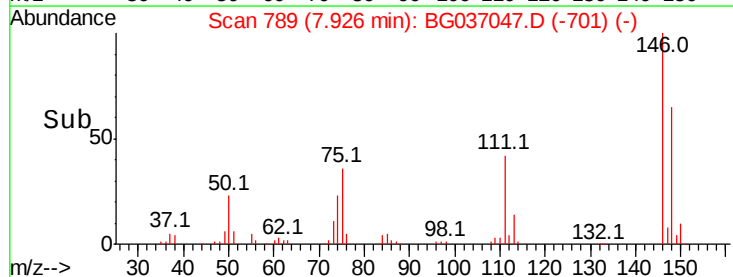
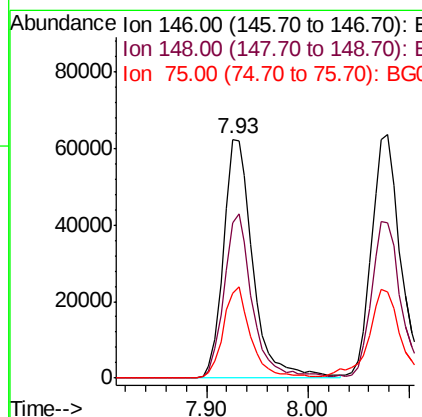
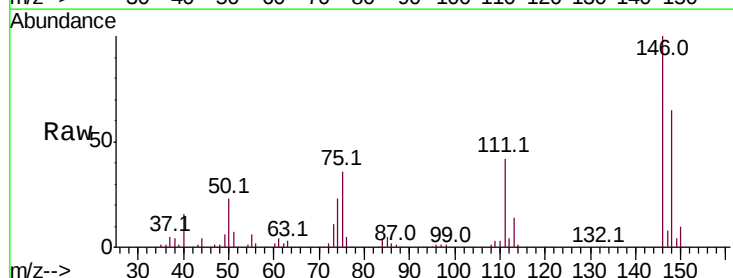
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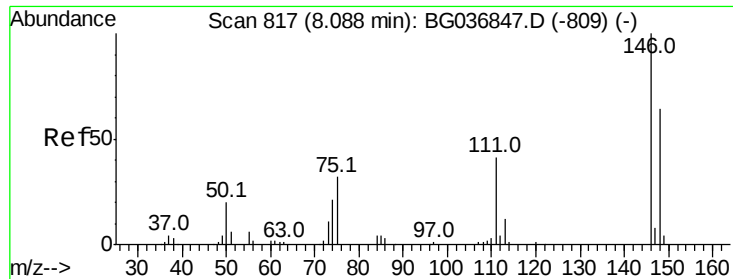
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.045 ng
RT: 7.93 min Scan# 789
Delta R.T. -0.02 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	146	Resp	125615
Ion Ratio	100	Lower	Upper
146	100		
148	65.0	53.8	80.6
75	35.5	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 40.077 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampled :

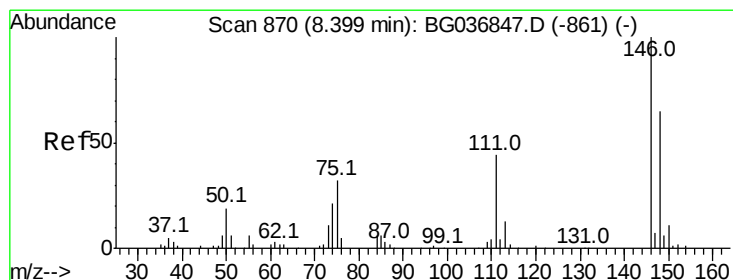
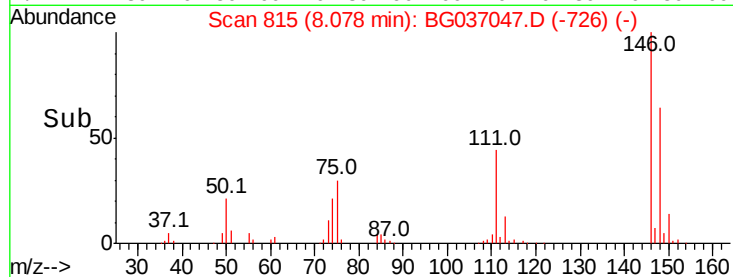
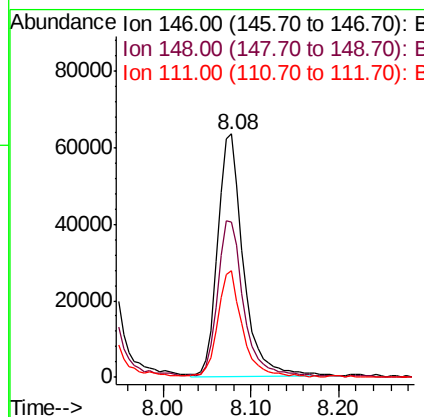
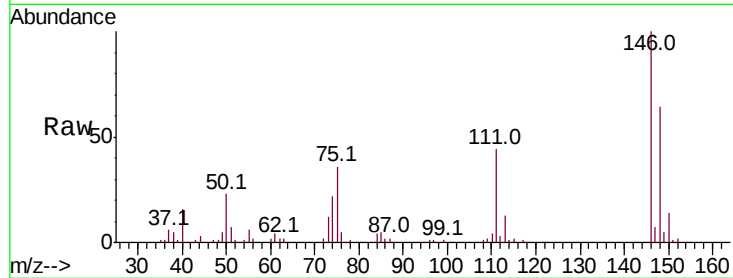
PB113326BS

Tot Ion:	146	Resp:	128652
Ion Ratio	Lower	Upper	
146	100		
148	63.6	53.9	80.9
111	43.8	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 40.029 ng

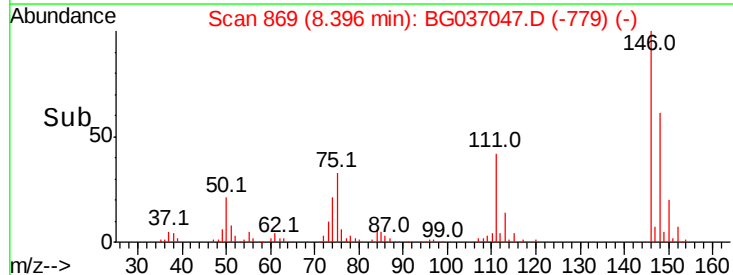
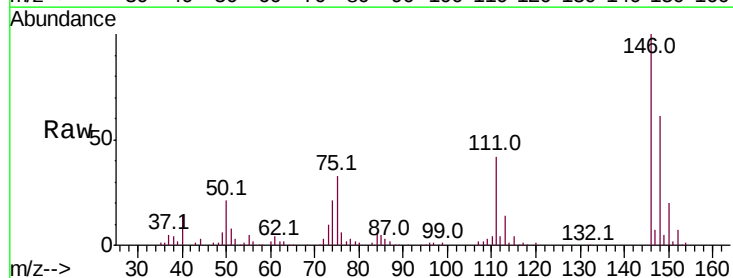
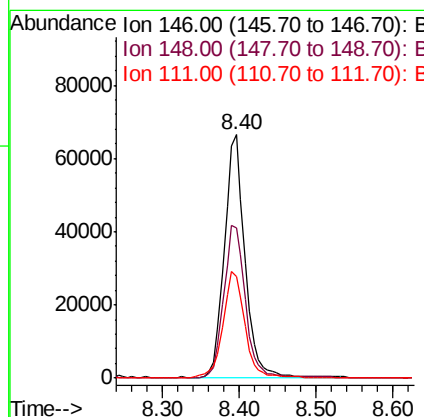
RT: 8.40 min Scan# 869

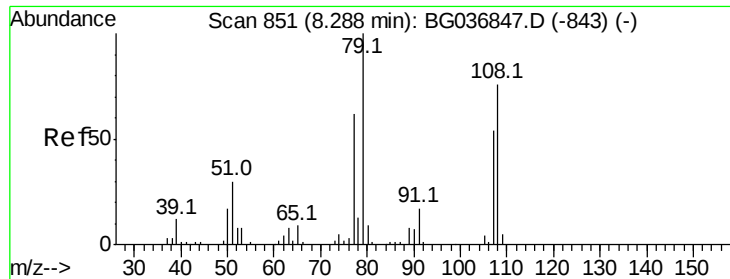
Delta R.T. -0.00 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	146	Resp:	124522
Ion Ratio	Lower	Upper	
146	100		
148	61.5	55.0	82.6
111	41.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 40.827 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

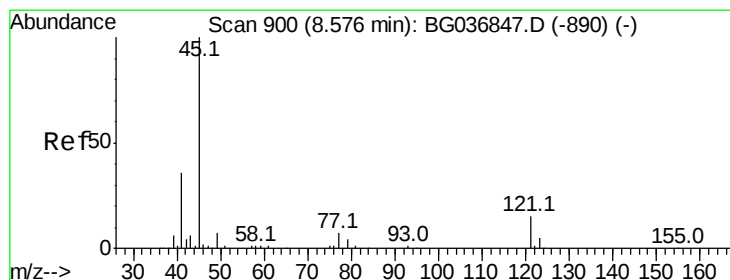
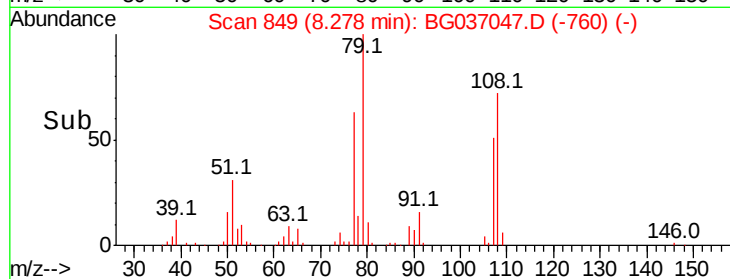
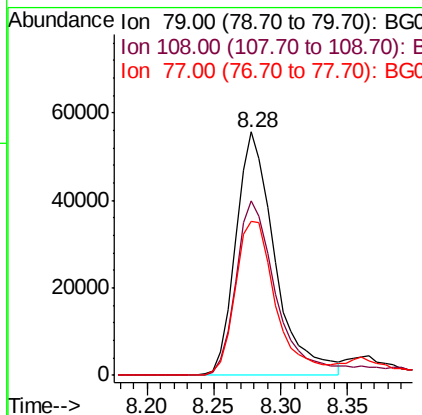
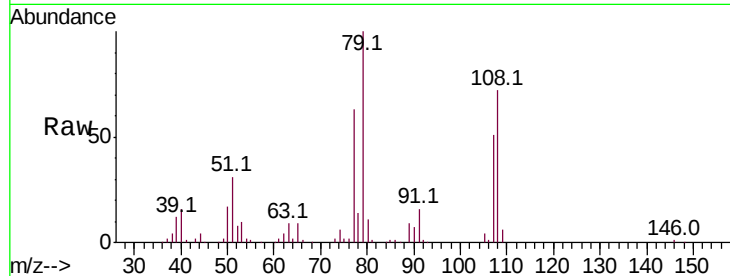
ClientSampleId :

PB113326BS

Tot Ion:	79	Resp:	112943
Ion Ratio	Lower	Upper	
79	100		
108	71.5	55.9	83.9
77	63.1	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.541 ng

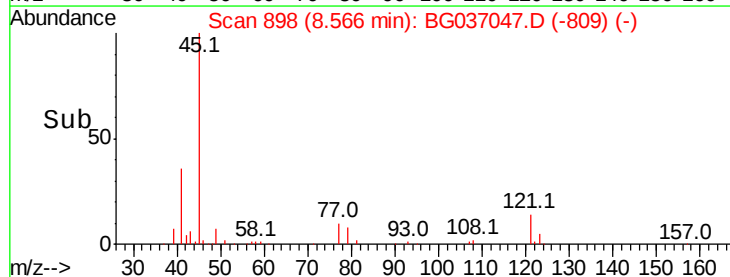
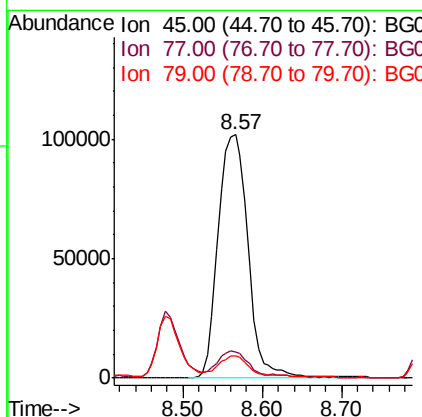
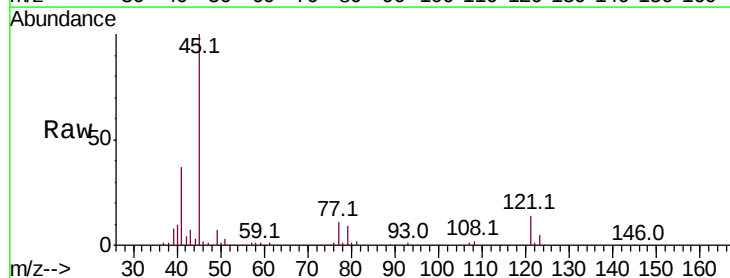
RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	45	Resp:	265821
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.5
79	8.8	0.0	27.9





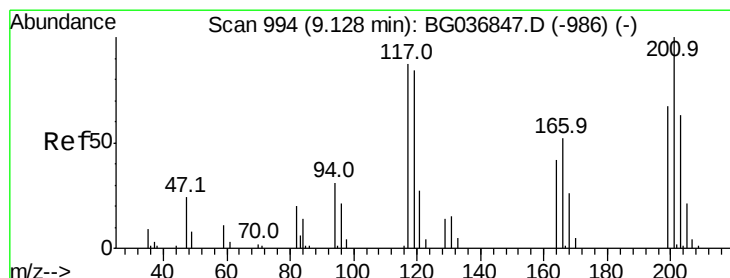
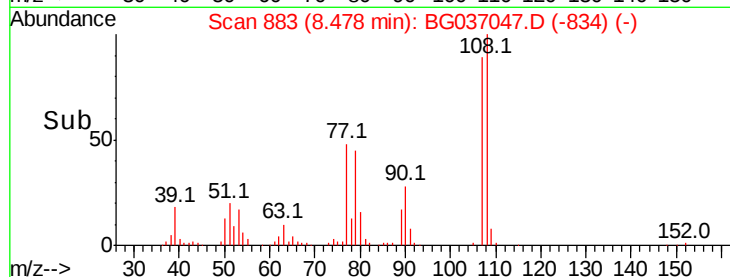
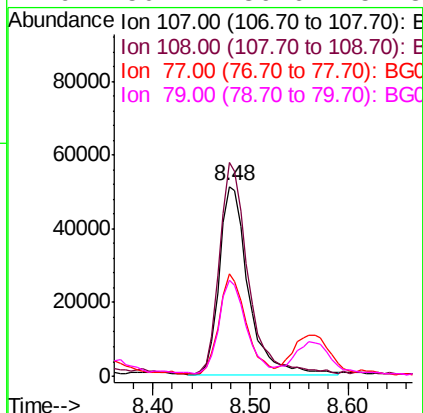
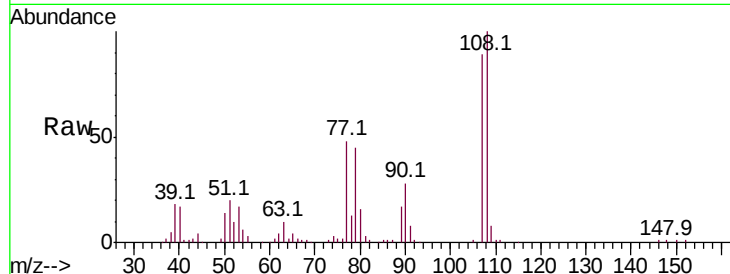
#17
2-Methylphenol
Concen: 43.488 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampled :
PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	86.7	130.1	
77	54.1	39.0	58.4	
79	50.2	36.6	54.8	

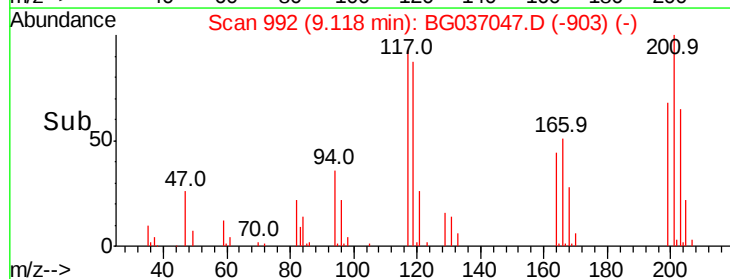
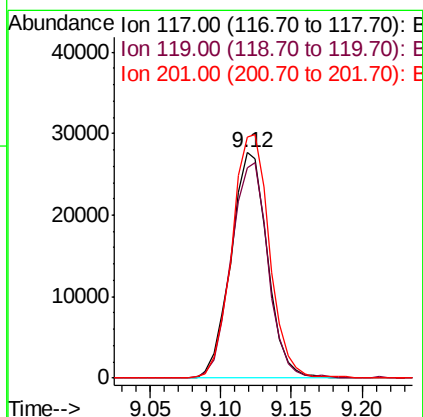
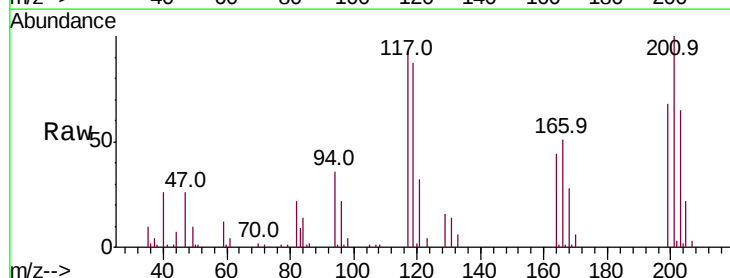
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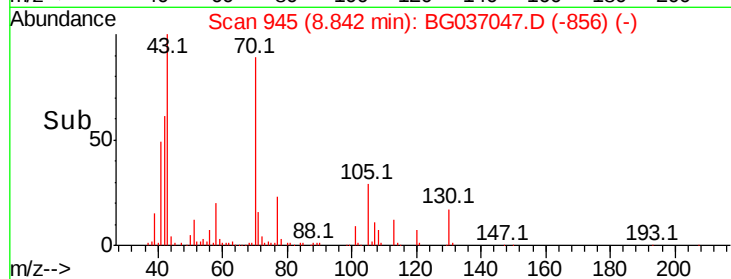
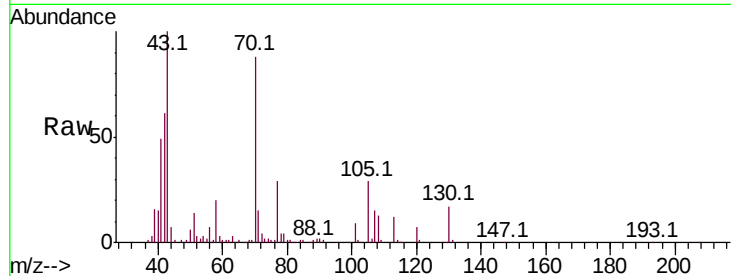
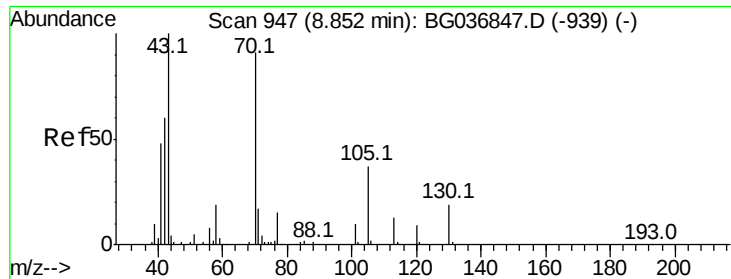
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#18
Hexachloroethane
Concen: 42.164 ng
RT: 9.12 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	76.8	115.2	
201	107.0	85.7	128.5	





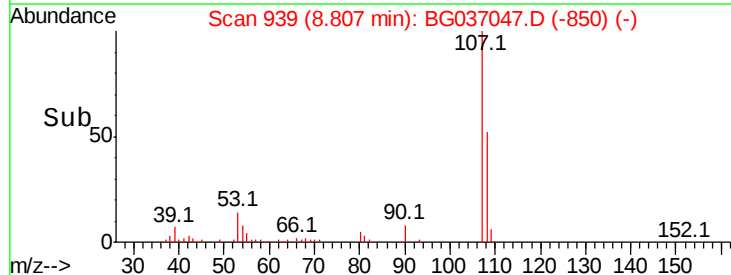
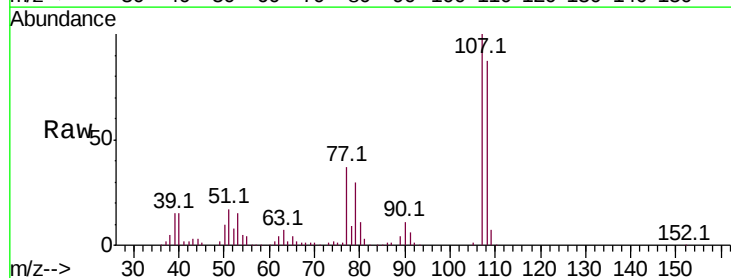
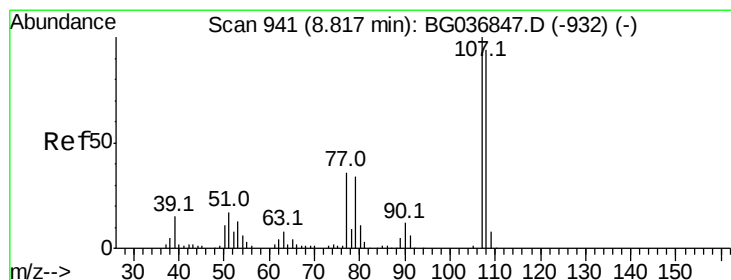
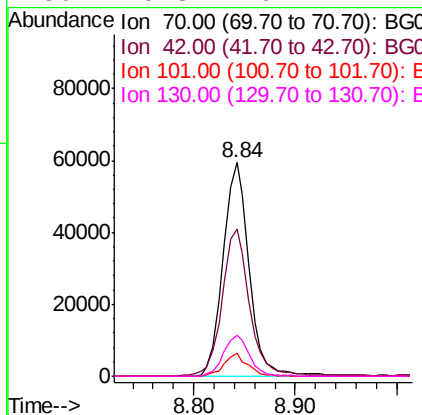
#19
n-Nitroso-di-n-propylamine
Concen: 37.449 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	69.2	56.2	84.4		
101	10.6	7.8	11.6		
130	19.3	16.2	24.2		

Instrument :
BNA_G
ClientSampleId :
PB113326BS

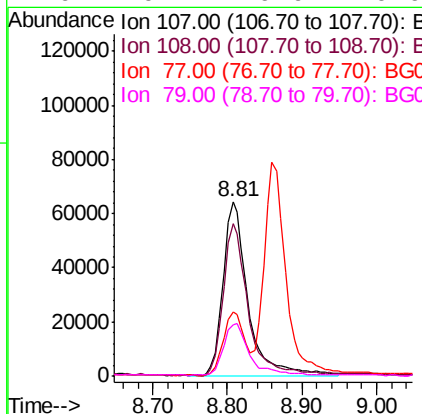
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#20
3+4-Methylphenols
Concen: 43.496 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.5	68.0	108.0		
77	36.8	15.6	55.6		
79	29.7	9.9	49.9		





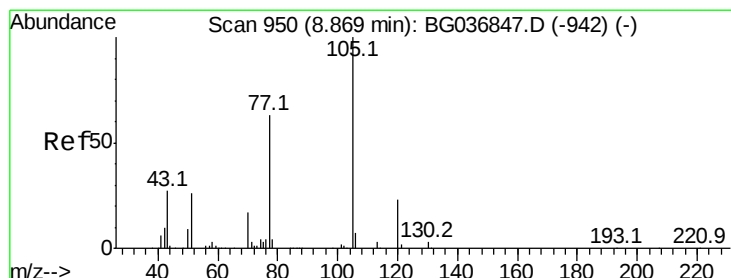
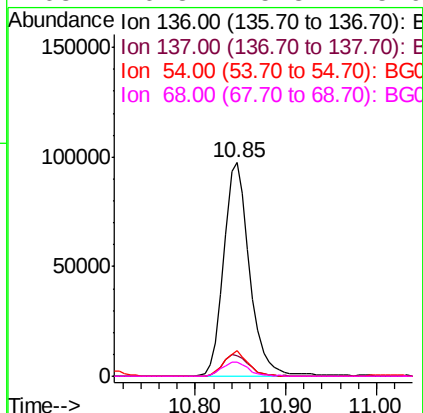
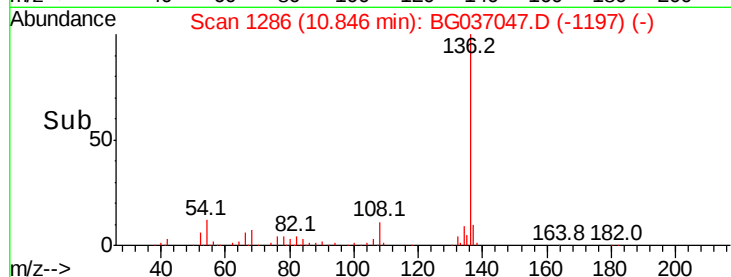
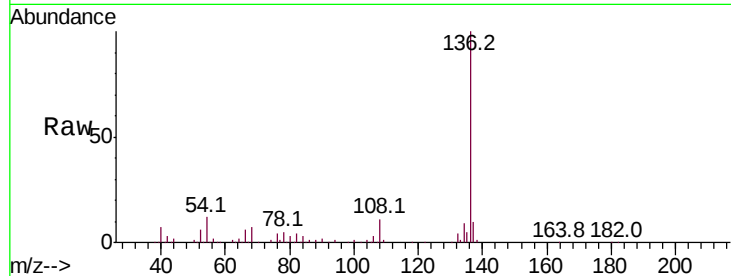
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.8	8.8	13.2
54	11.9	9.2	13.8
68	6.8	5.8	8.6

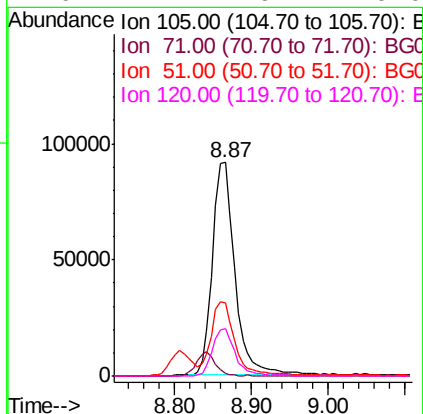
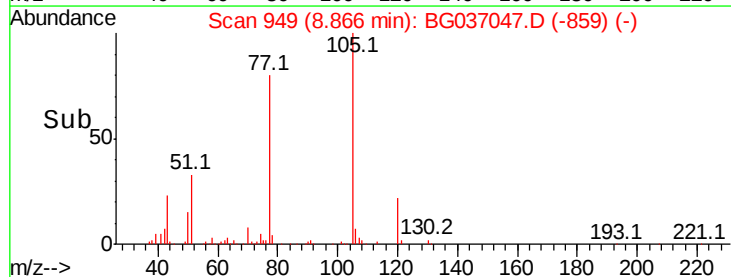
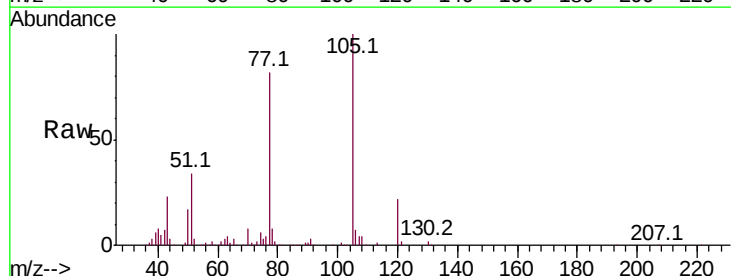
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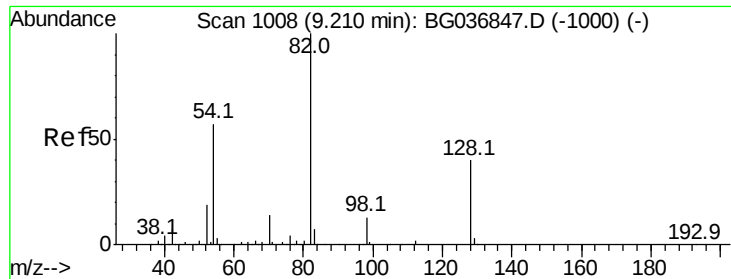
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#22
Acetophenone
Concen: 40.268 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.4	2.4	3.6#
51	34.1	25.9	38.9
120	22.2	19.4	29.0





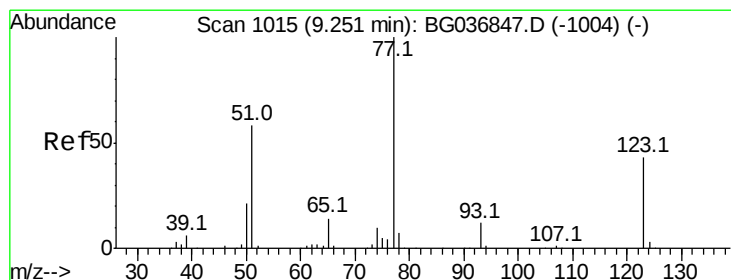
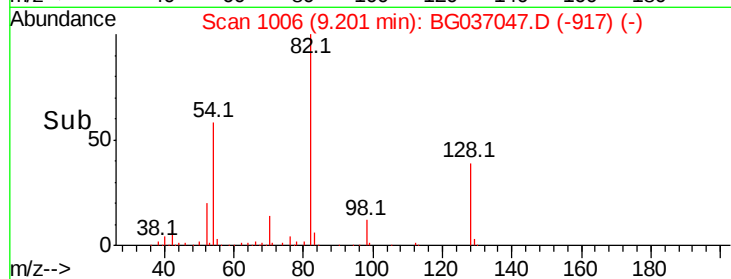
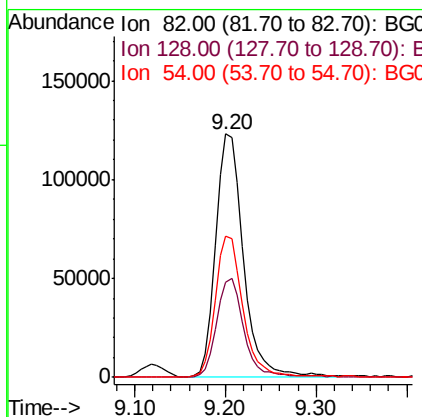
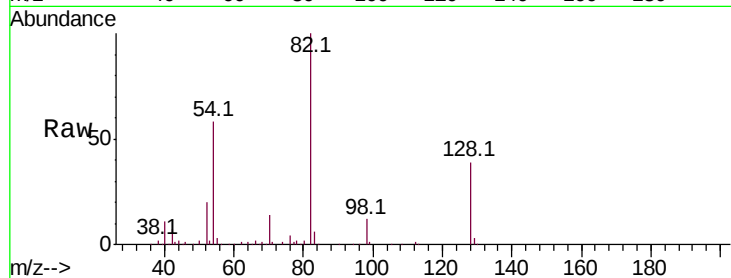
#23
 Nitrobenzene-d5
 Concen: 71.952 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	260255		
128	39.1	33.3	49.9	
54	58.3	45.1	67.7	

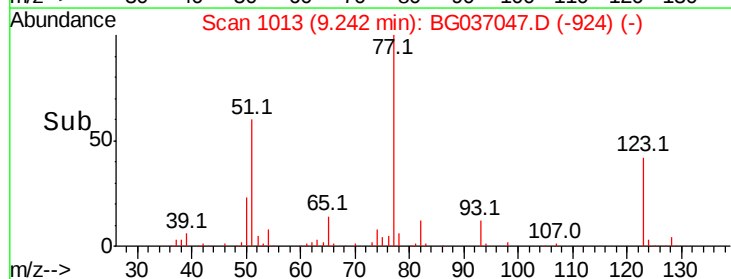
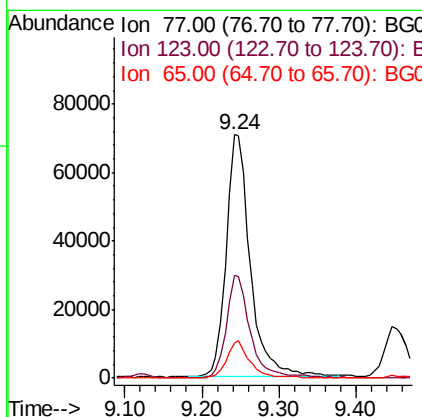
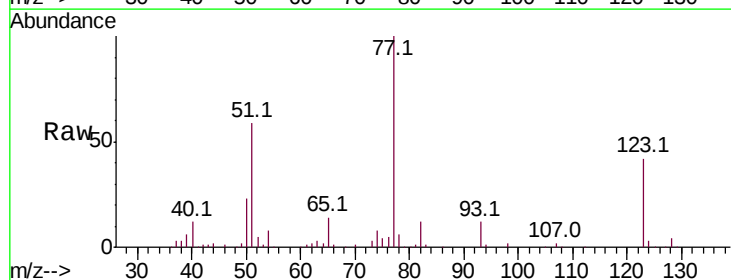
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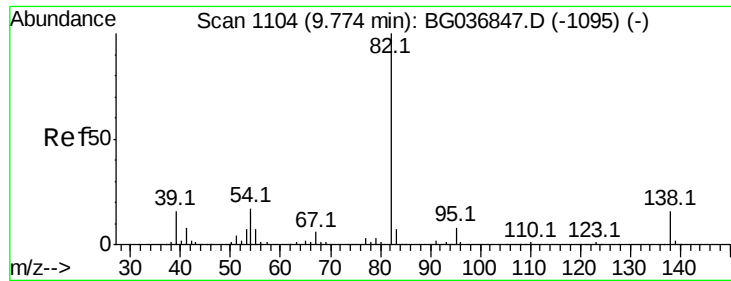
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#24
 Nitrobenzene
 Concen: 40.084 ng
 RT: 9.24 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	154830		
123	42.2	32.4	48.6	
65	14.4	11.5	17.3	





#25

Isophorone

Concen: 44.976 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

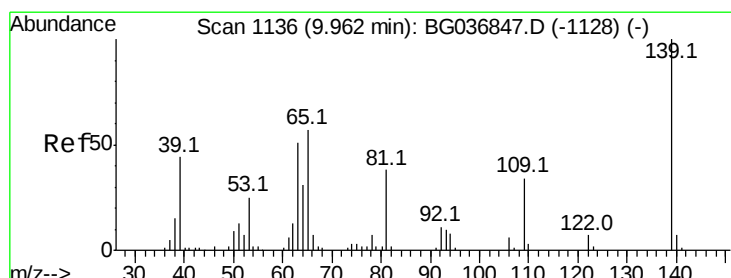
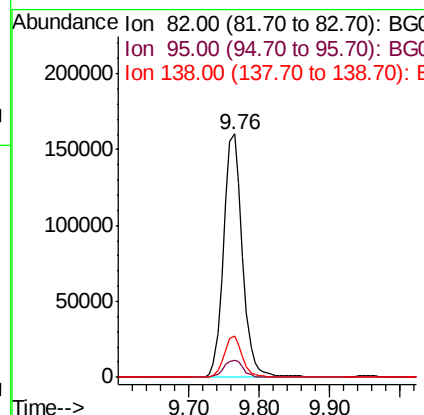
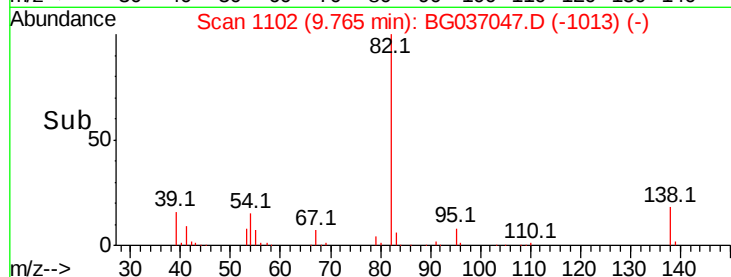
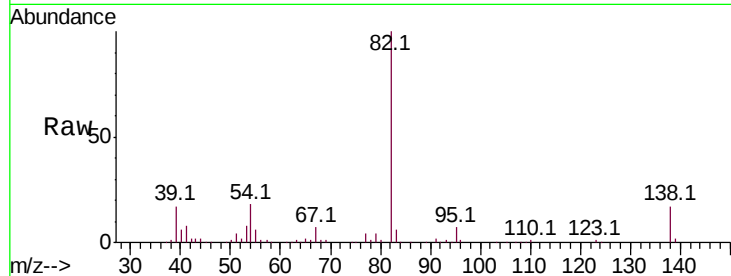
ClientSampleId :

PB113326BS

Tot Ion:	82	Resp:	297254
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.8
138	16.9	12.9	19.3

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#26

2-Nitrophenol

Concen: 43.323 ng

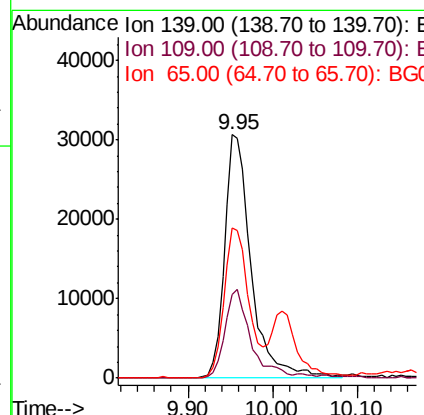
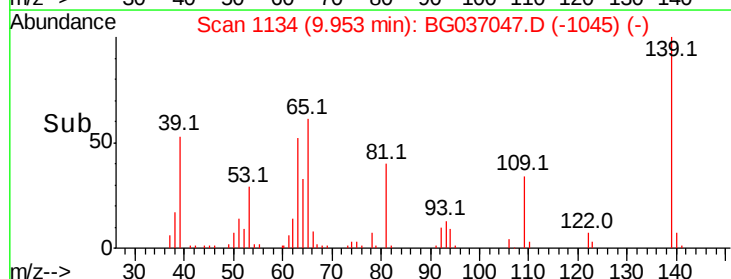
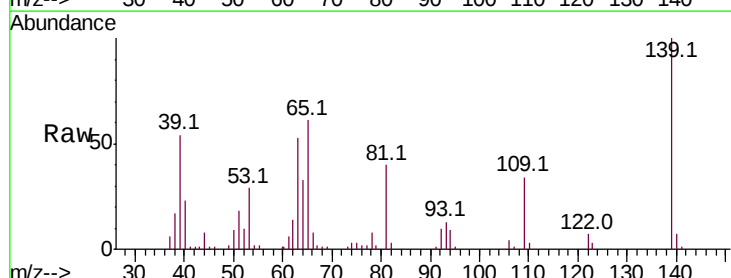
RT: 9.95 min Scan# 1134

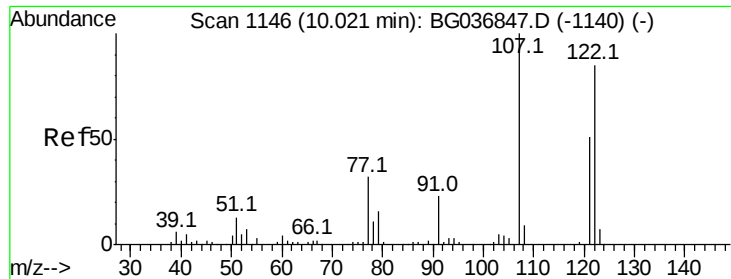
Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	139	Resp:	66701
Ion Ratio	Lower	Upper	
139	100		
109	34.5	27.4	41.0
65	61.4	47.8	71.6





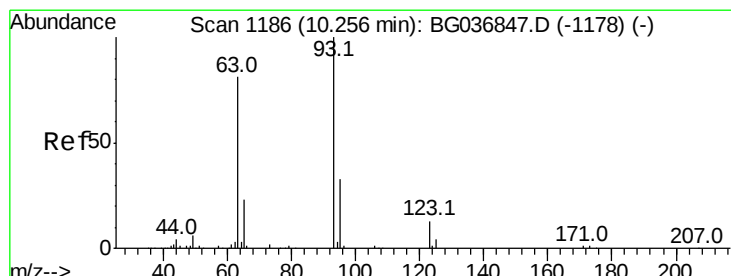
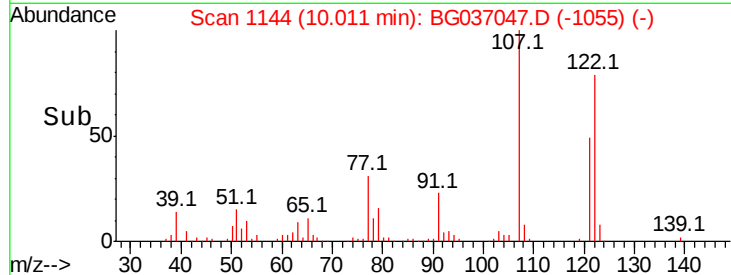
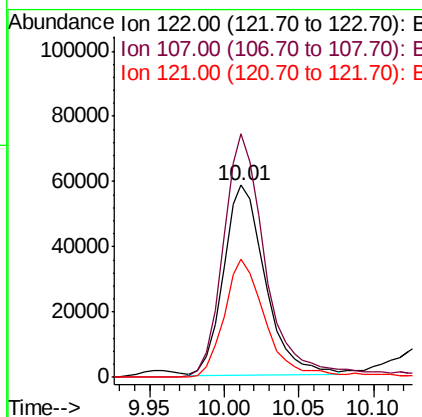
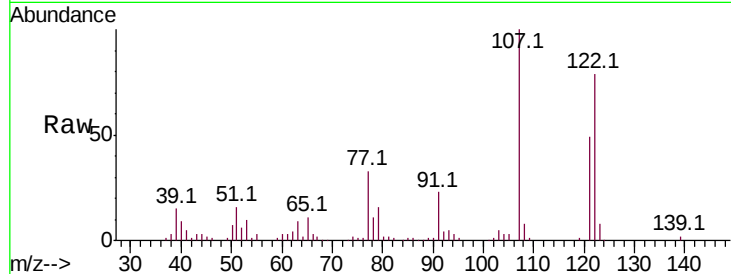
#27
 2,4-Dimethylphenol
 Concen: 47.516 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion:	122	Resp:	113957
Ion Ratio	Lower	Upper	
122	100		
107	126.8	96.0	144.0
121	61.5	48.2	72.4

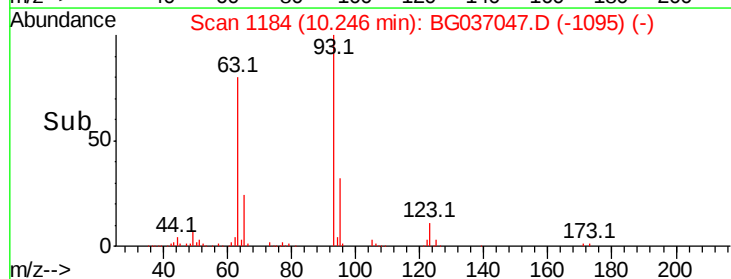
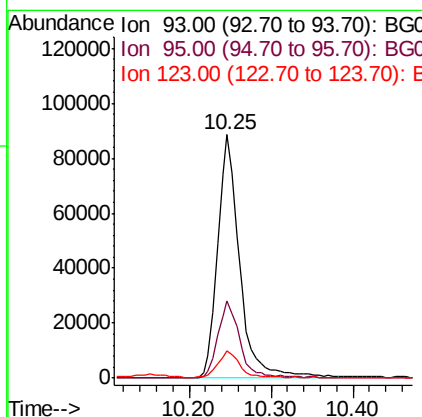
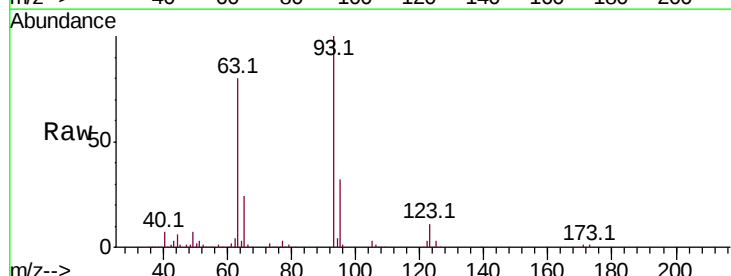
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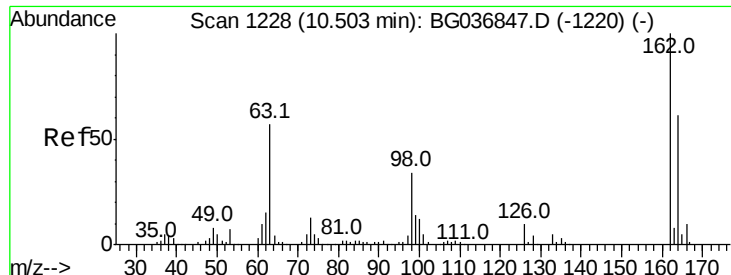
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.724 ng
 RT: 10.25 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion:	93	Resp:	166078
Ion Ratio	Lower	Upper	
93	100		
95	31.9	25.2	37.8
123	11.3	8.6	12.8





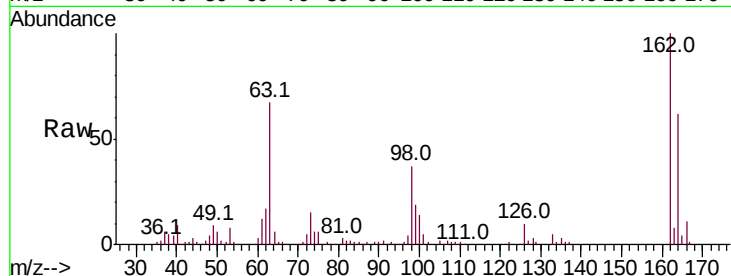
#29
 2,4-Dichlorophenol
 Concen: 45.079 ng
 RT: 10.49 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

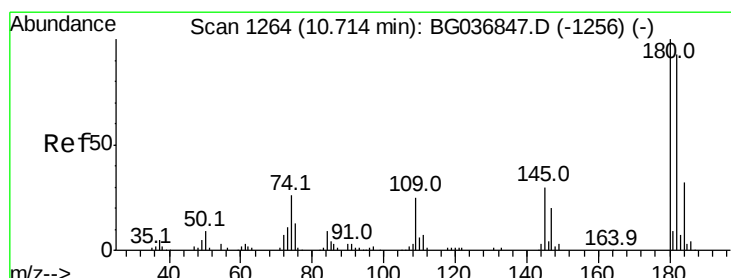
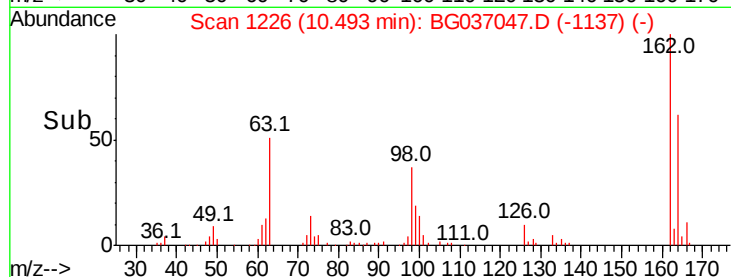
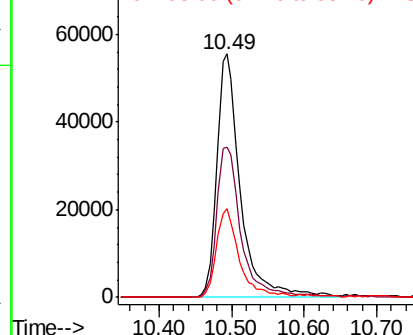
Tot Ion:	162	Resp:	125328
Ion Ratio	Lower	Upper	
162	100		
164	61.8	47.6	87.6
98	36.6	19.2	59.2

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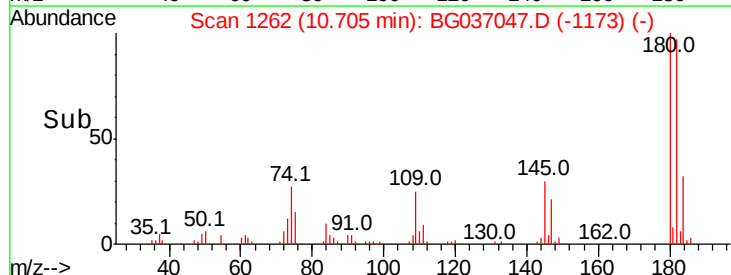
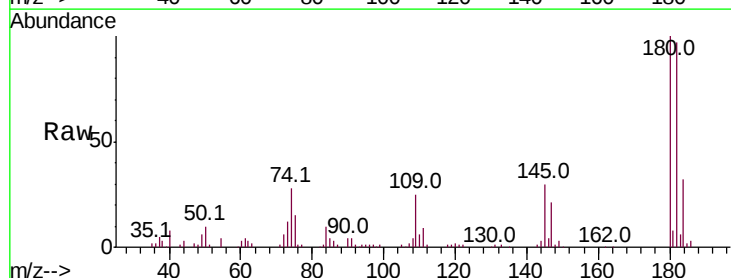
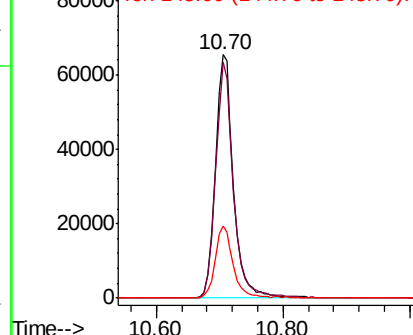
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

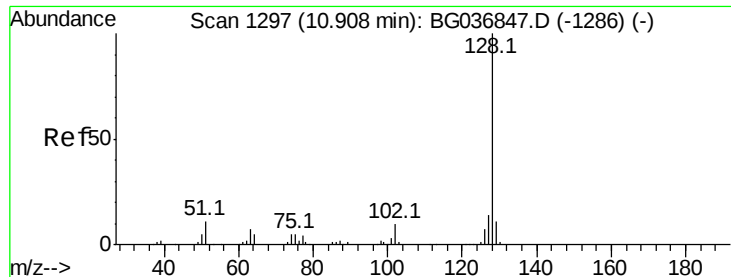


#30
 1,2,4-Trichlorobenzene
 Concen: 37.746 ng
 RT: 10.70 min Scan# 1262
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion:	180	Resp:	131327
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.0	114.0
145	29.6	22.9	34.3

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





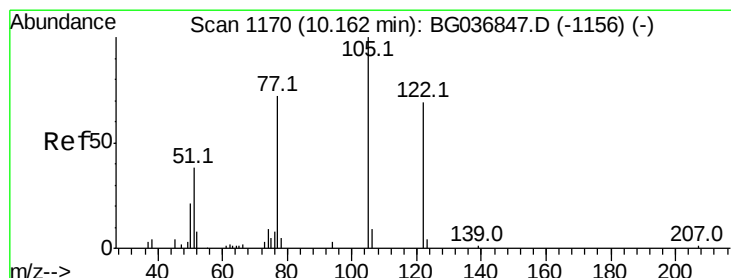
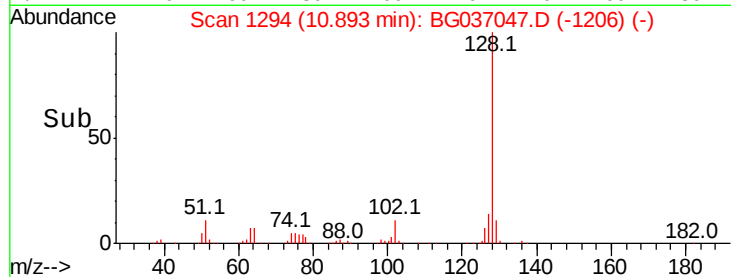
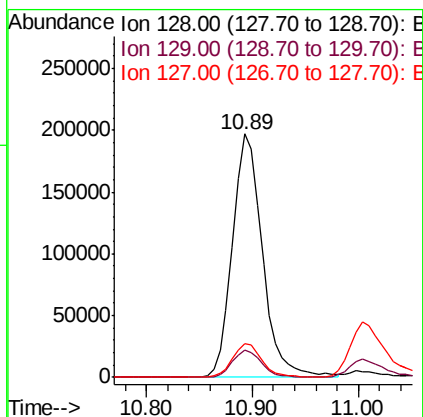
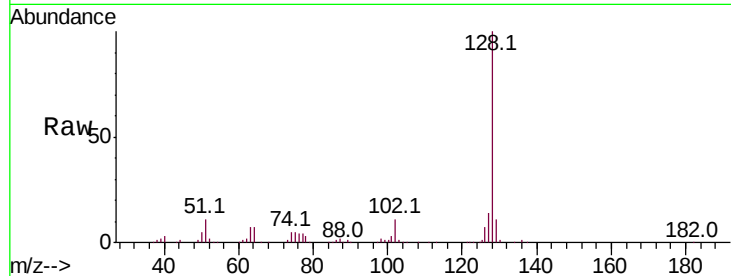
#31
Naphthalene
Concen: 42.020 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampled :
PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.4	14.2	
127	14.1	11.0	16.4	

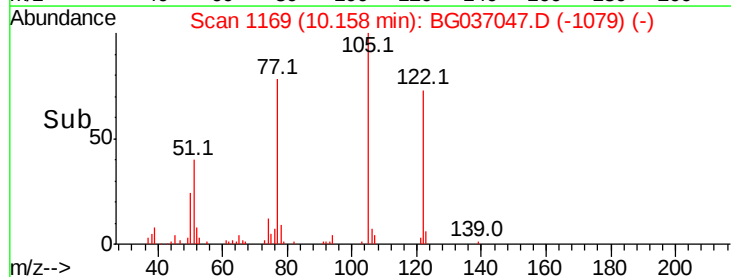
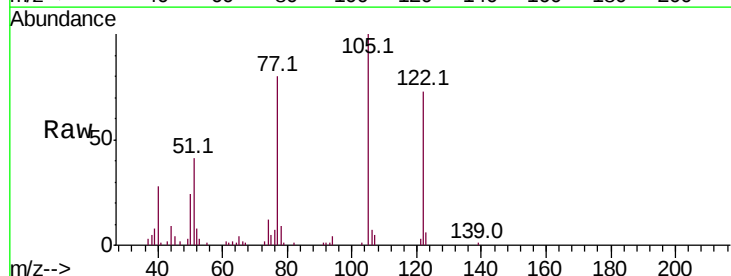
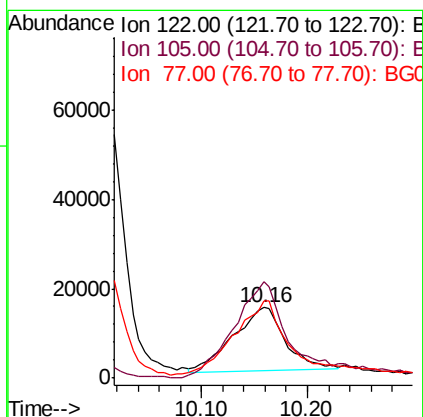
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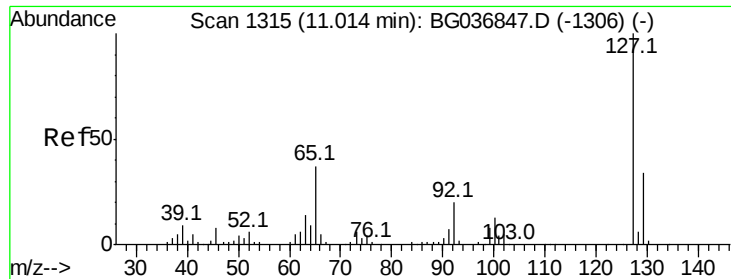
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#32
Benzoic acid
Concen: 29.188 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	136.3	108.1	148.1	
77	108.6	76.3	116.3	





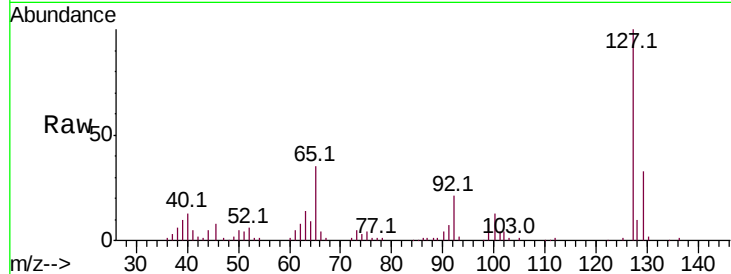
#33
4-Chloroaniline
Concen: 25.567 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

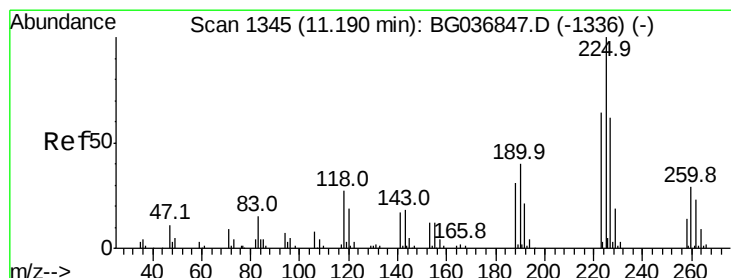
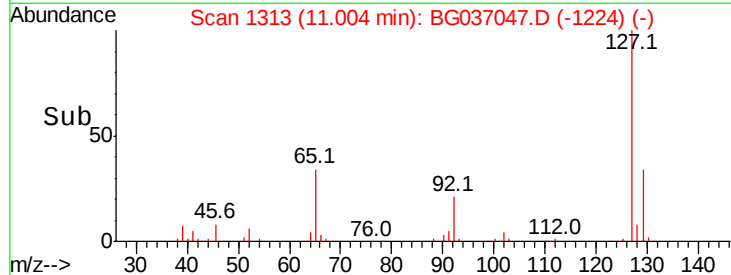
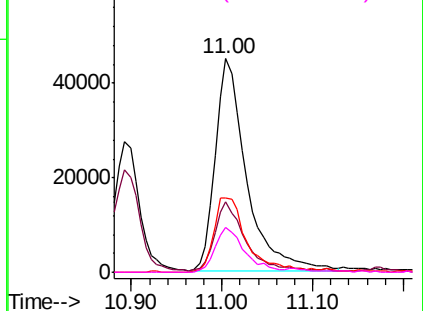
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.9	38.9	
65	34.7	27.5	41.3	
92	20.8	16.2	24.2	

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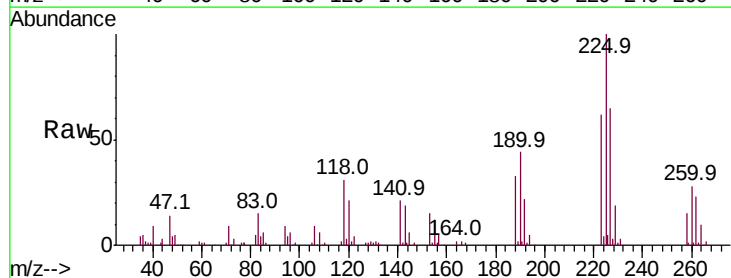


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

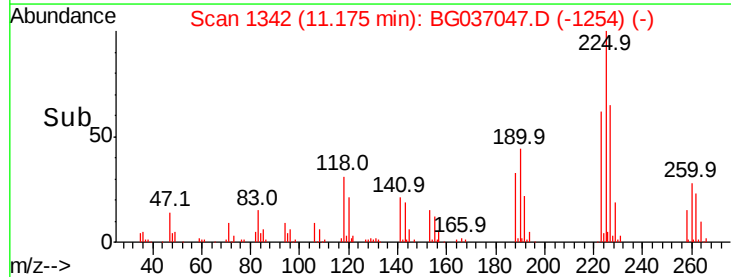
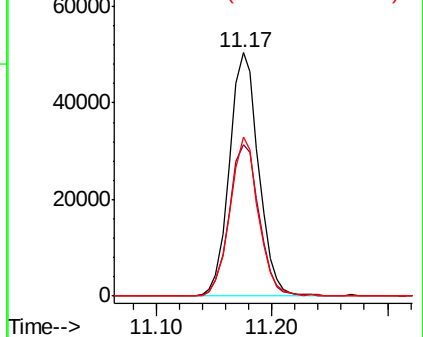


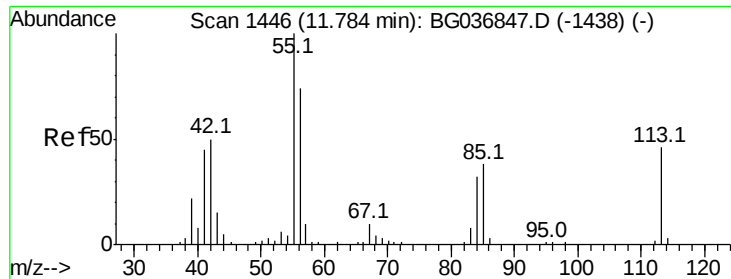
#34
Hexachlorobutadiene
Concen: 36.569 ng
RT: 11.17 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	51.8	77.8	
227	65.5	49.8	74.6	



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





#35

Caprolactam

Concen: 42.107 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampleID :

PB113326BS

Tot Ion:113 Resp: 48182

Ion Ratio Lower Upper

113 100

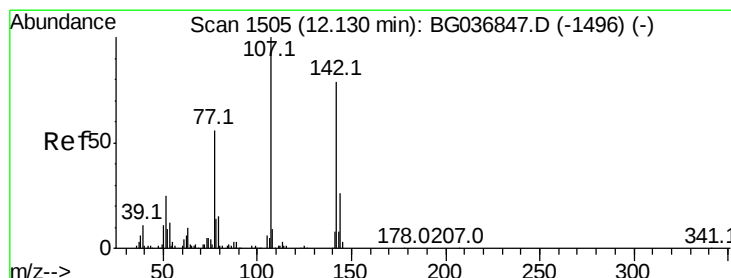
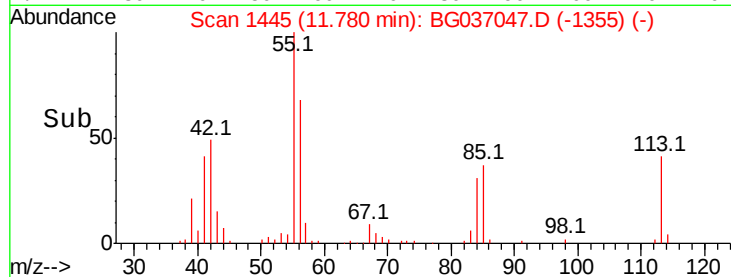
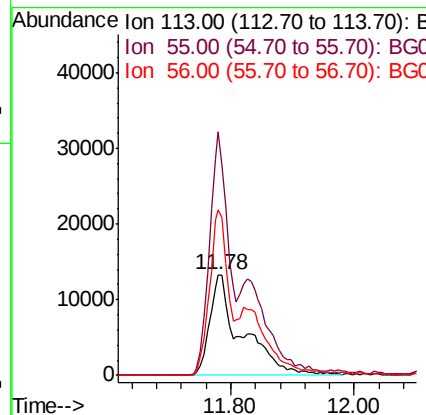
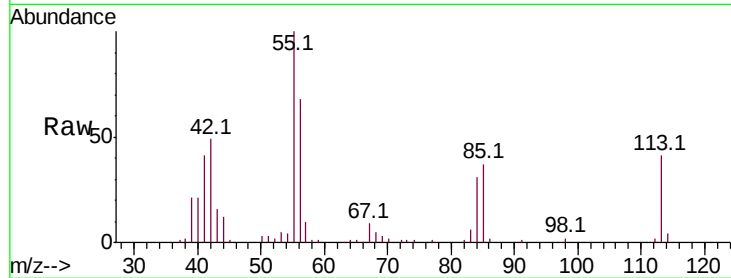
55 242.7 197.7 237.7#

56 165.2 131.7 171.7

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#36

4-Chloro-3-methylphenol

Concen: 44.607 ng/ml

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

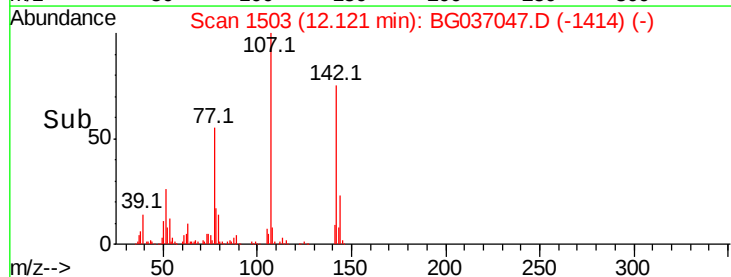
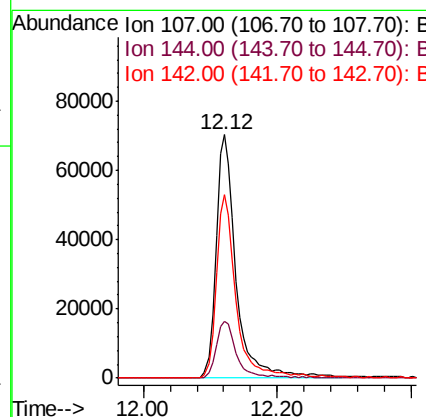
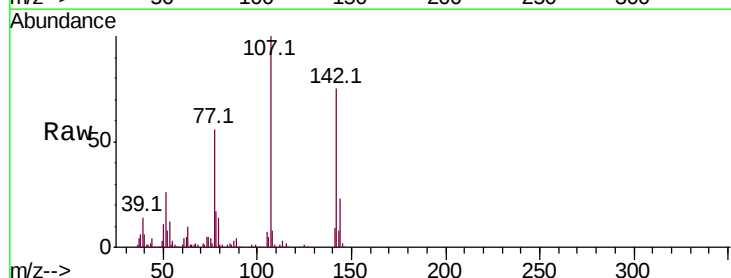
Tgt Ion:107 Resp: 147976

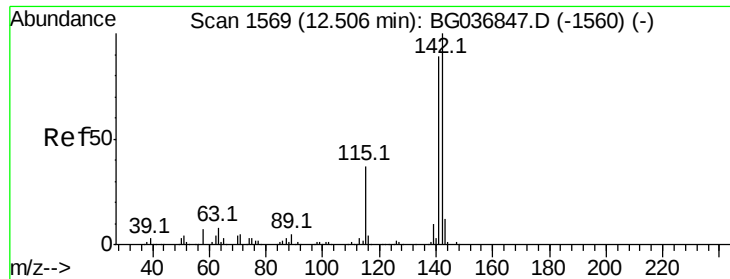
Ion Ratio Lower Upper

107 100

144 23.1 19.5 29.3

142 75.2 62.4 93.6





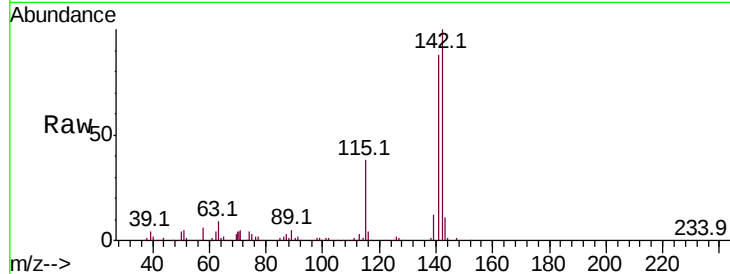
#37
2-Methylnaphthalene
Concen: 42.020 ng
RT: 12.50 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	68.5	102.7
115	38.1	29.8	44.8

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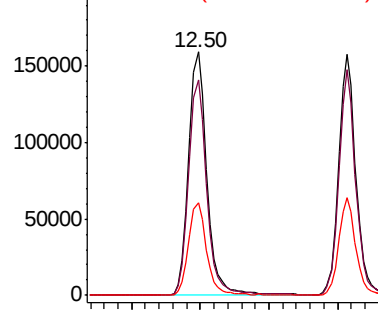


Abundance

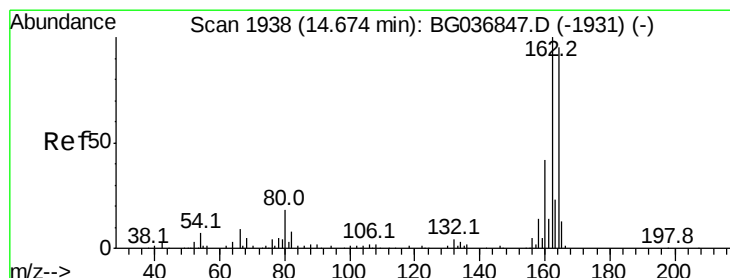
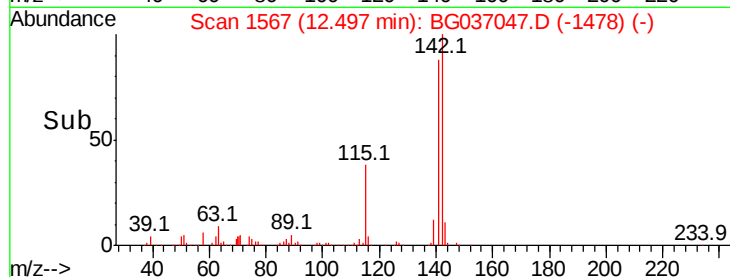
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

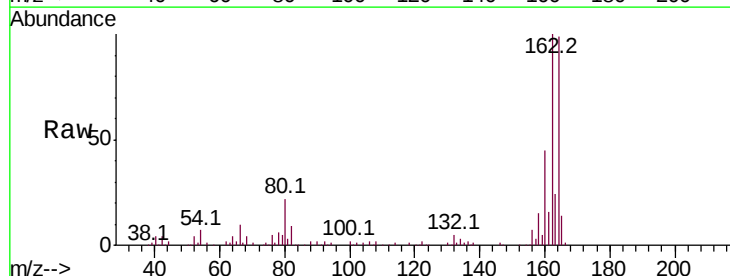


Time-->



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.7	121.1
160	45.2	35.3	52.9

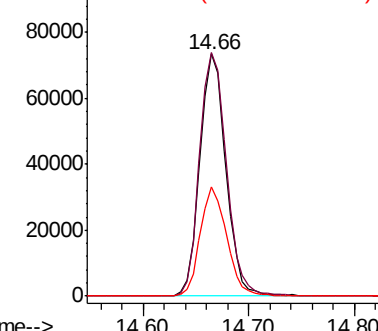


Abundance

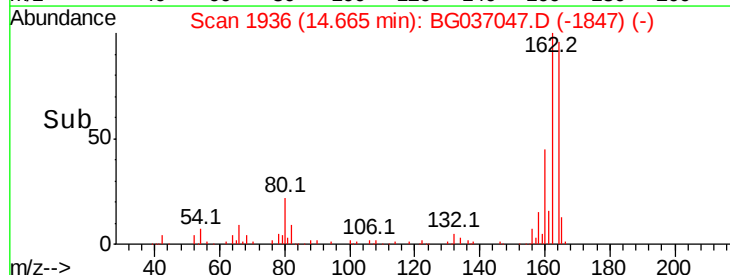
Ion 164.00 (163.70 to 164.70): E

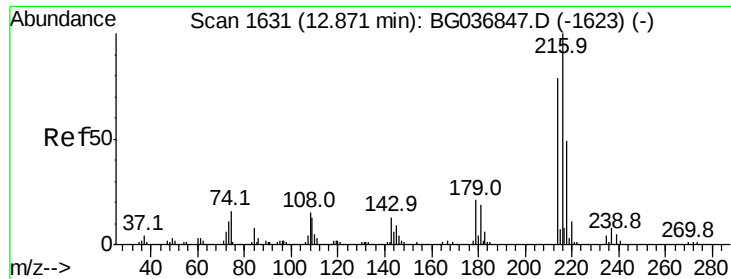
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





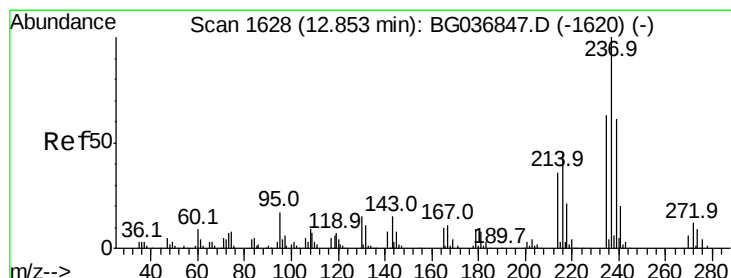
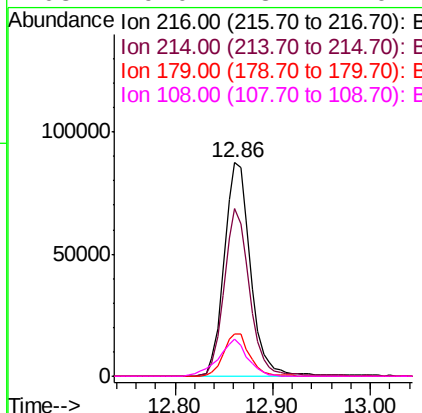
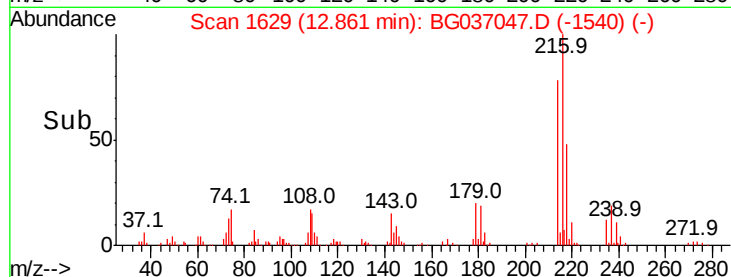
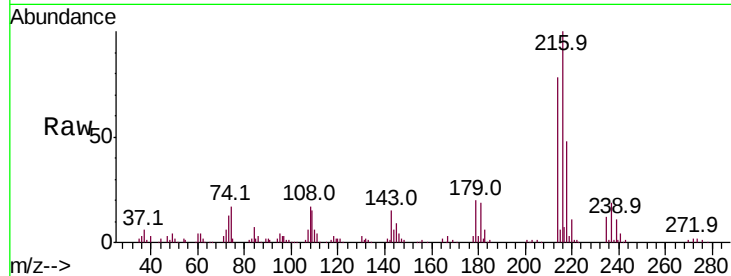
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.697 ng
 RT: 12.86 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampled :
 PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	163732		
214	75.3	61.0	91.6	
179	19.6	15.7	23.5	
108	19.0	13.1	19.7	

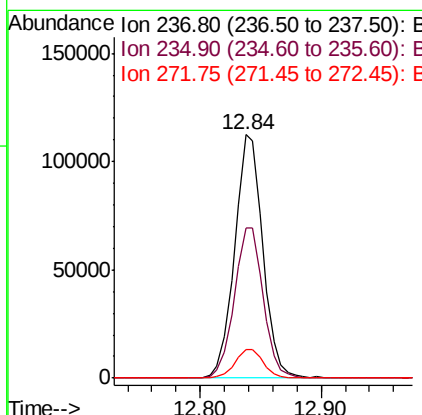
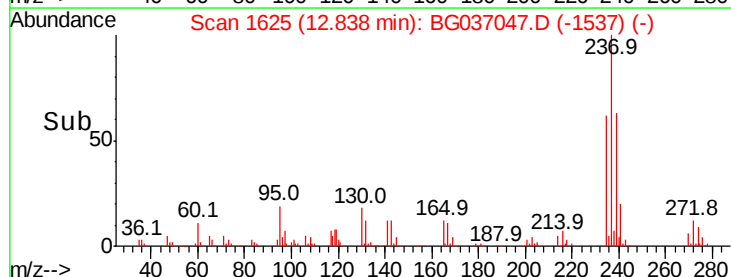
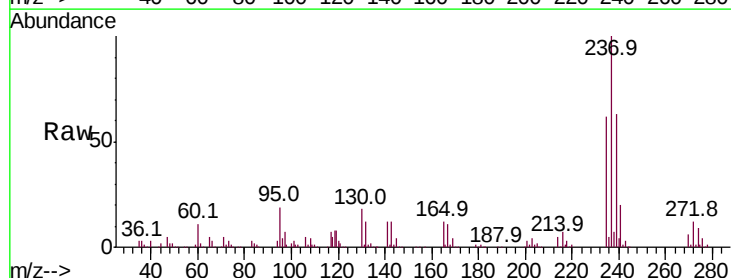
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#40
 Hexachlorocyclopentadiene
 Concen: 81.652 ng
 RT: 12.84 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	182398		
235	61.7	42.2	82.2	
272	11.6	0.0	32.1	





#41

2,4,6-Tribromophenol

Concen: 109.787 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampled :

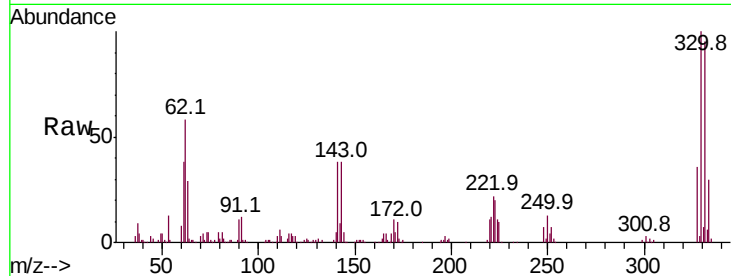
PB113326BS

Tot Ion:	330	Resp:	163576
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.4	113.2
141	41.2	30.7	46.1

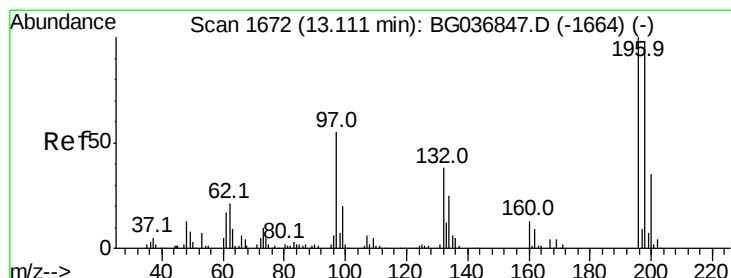
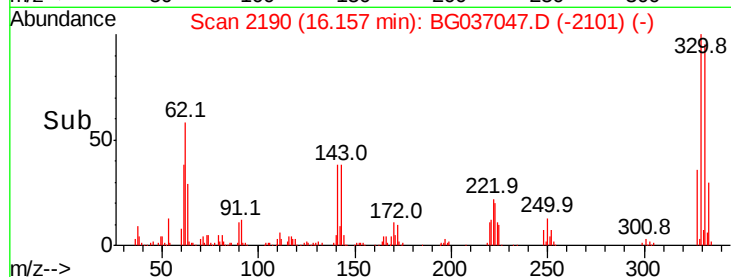
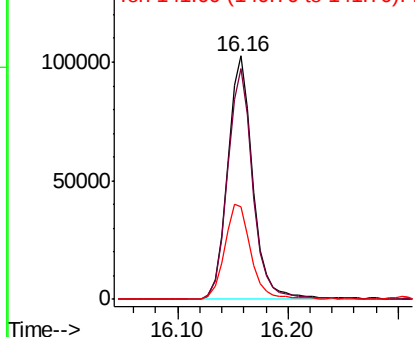
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.511 ng

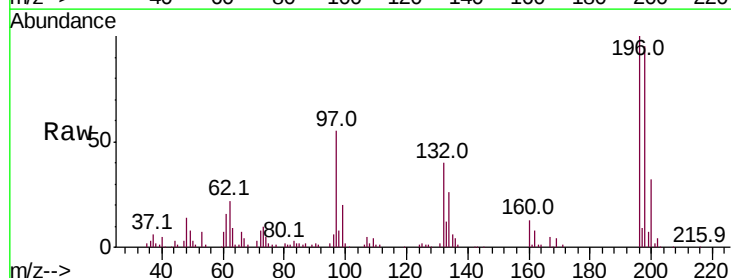
RT: 13.10 min Scan# 1670

Delta R.T. -0.01 min

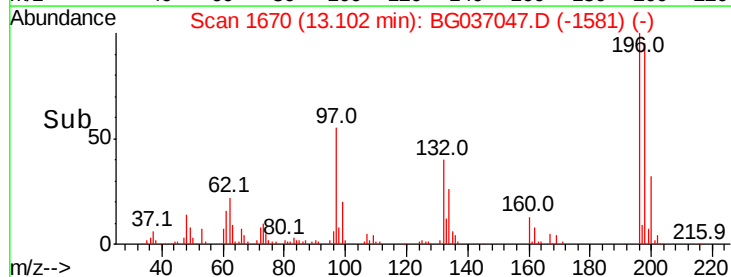
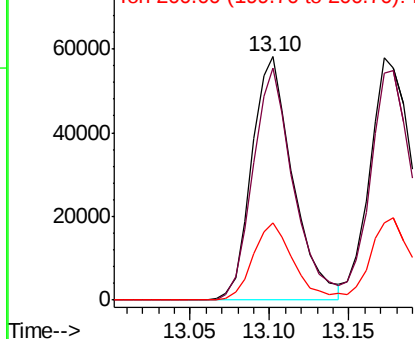
Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	196	Resp:	104945
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.2	115.8
200	31.8	26.3	39.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 44.683 ng

RT: 13.17 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampled :

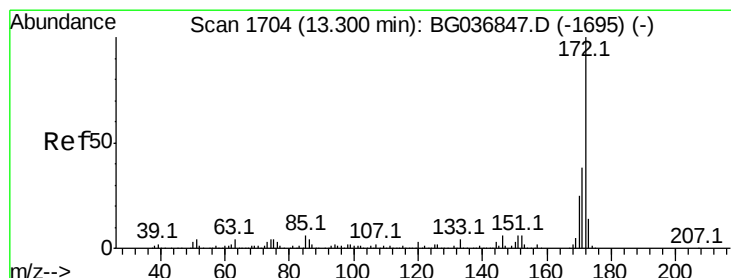
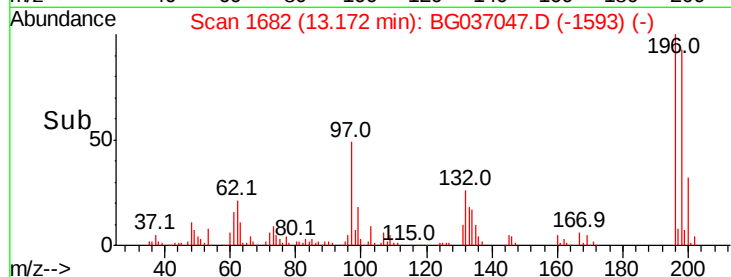
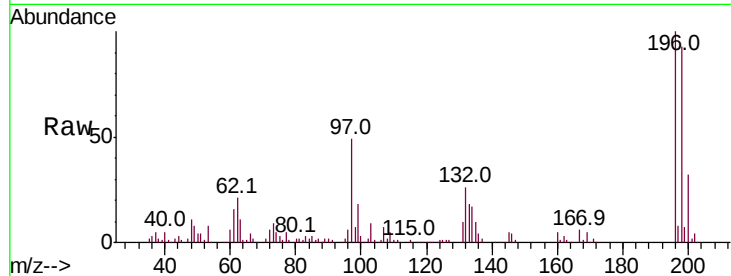
PB113326BS

Tot Ion:	196	Resp:	114918
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.6	113.4
97	48.8	37.2	55.8
132	25.8	19.4	29.2

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#44

2-Fluorobiphenyl

Concen: 69.357 ng

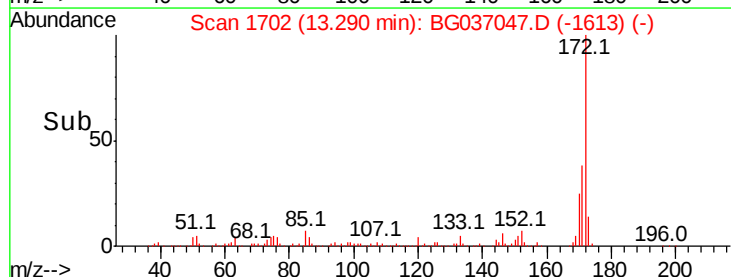
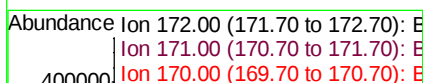
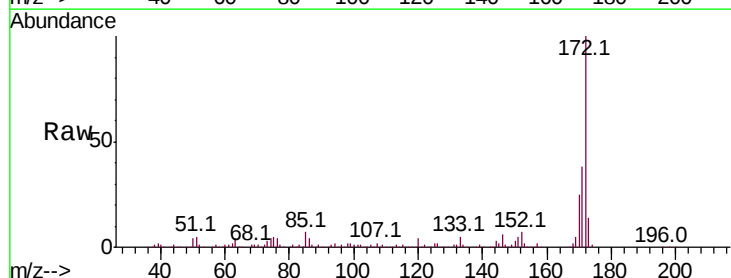
RT: 13.29 min Scan# 1702

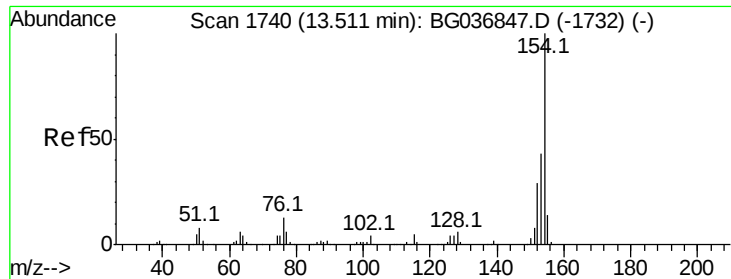
Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	172	Resp:	579905
Ion Ratio	Lower	Upper	
172	100		
171	38.0	31.3	46.9
170	25.3	21.0	31.6





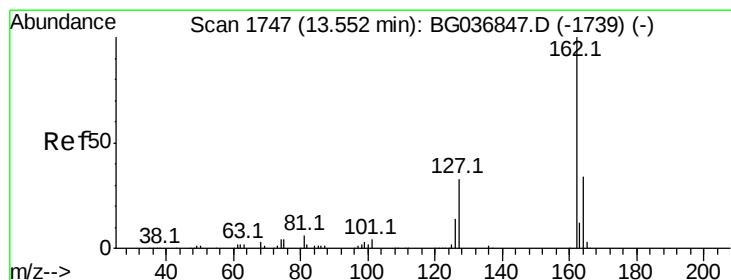
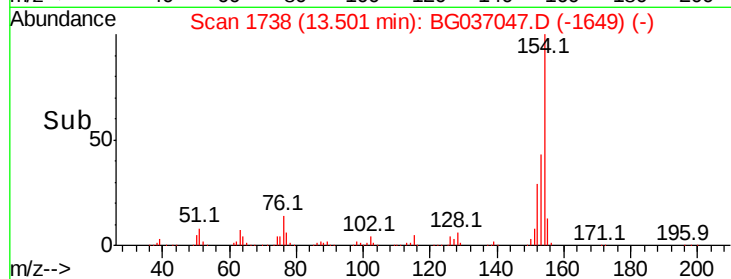
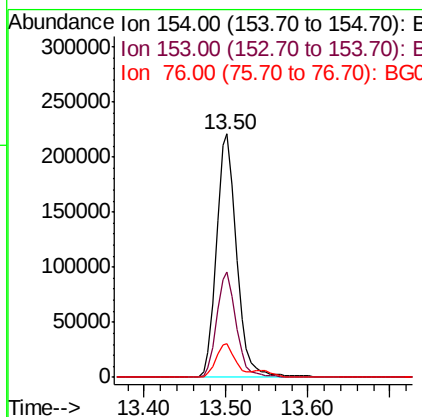
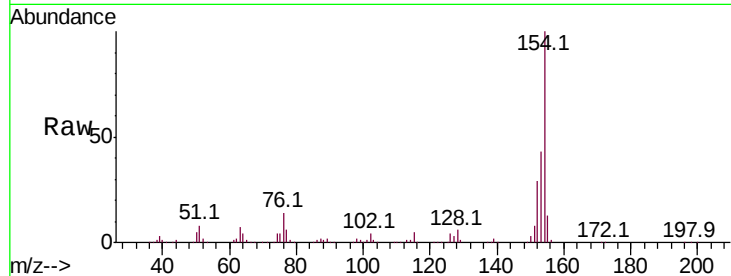
#45
 1,1'-Biphenyl
 Concen: 39.961 ng
 RT: 13.50 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.2	24.0	64.0	
76	13.9	0.0	32.9	

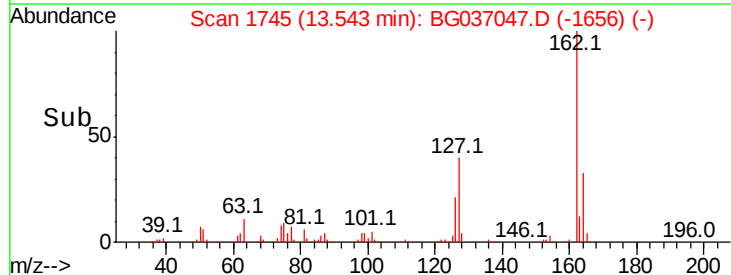
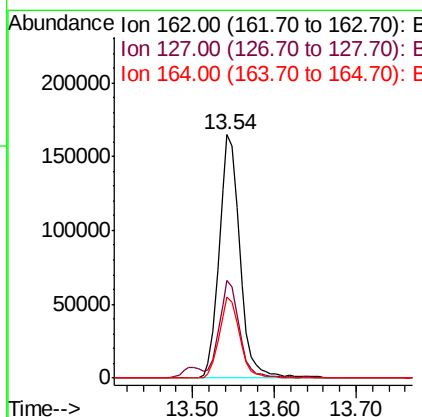
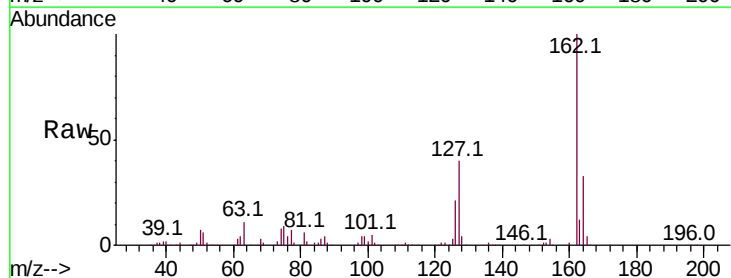
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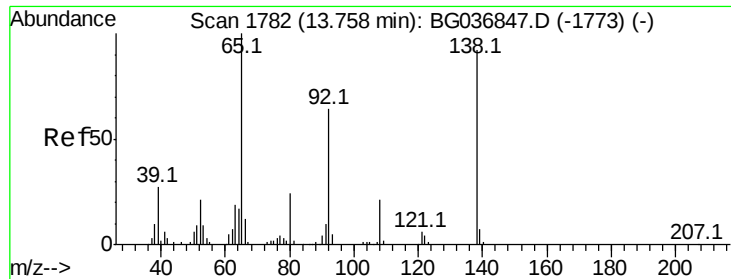
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#46
 2-Chloronaphthalene
 Concen: 38.920 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.3	30.7	46.1	
164	33.1	26.7	40.1	





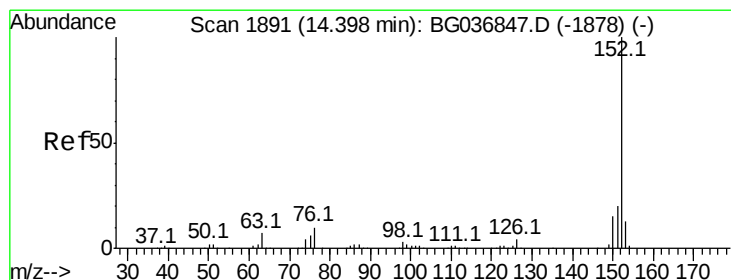
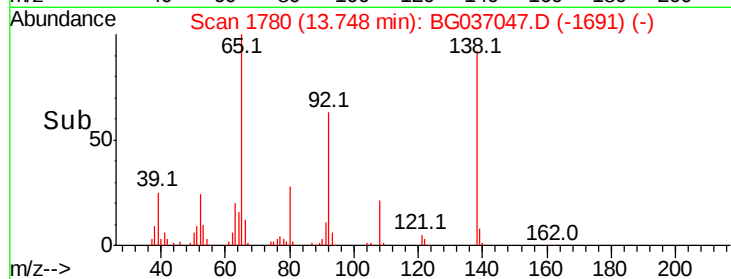
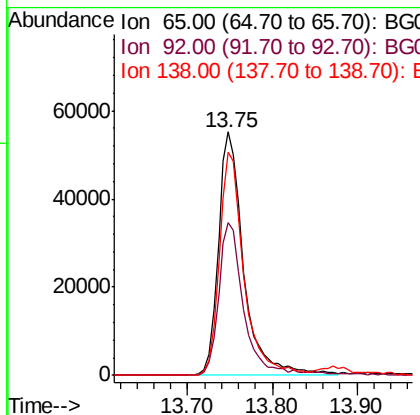
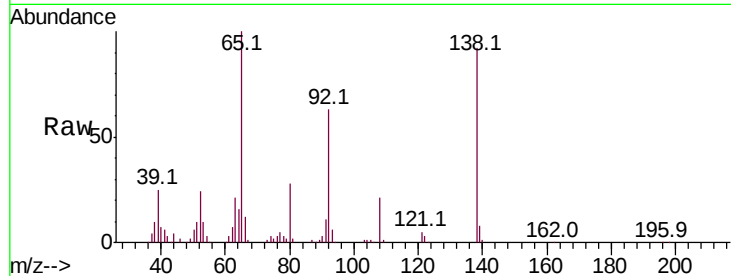
#47
2-Nitroaniline
Concen: 44.357 ng
RT: 13.75 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	49.9	74.9
138	91.6	76.2	114.4

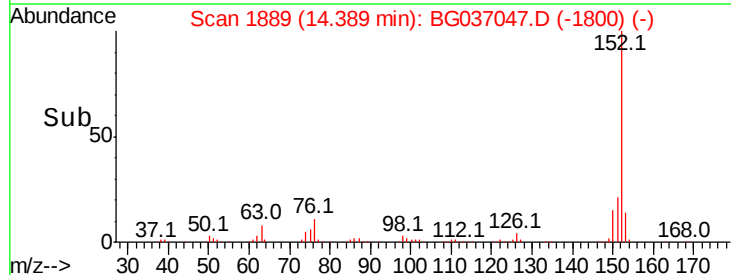
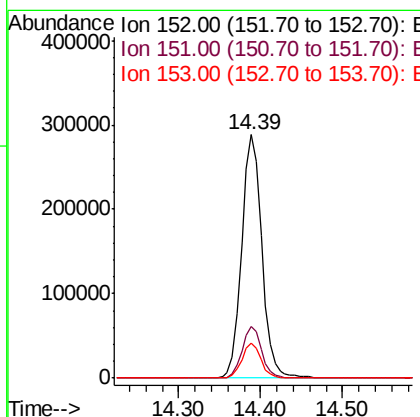
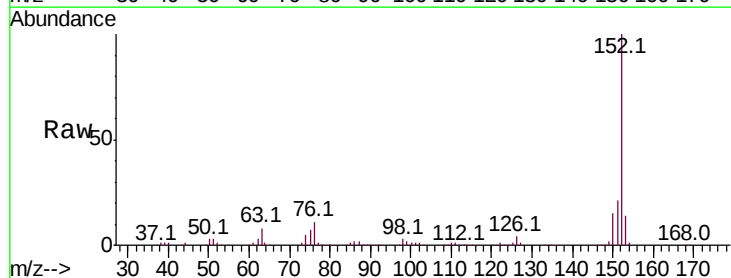
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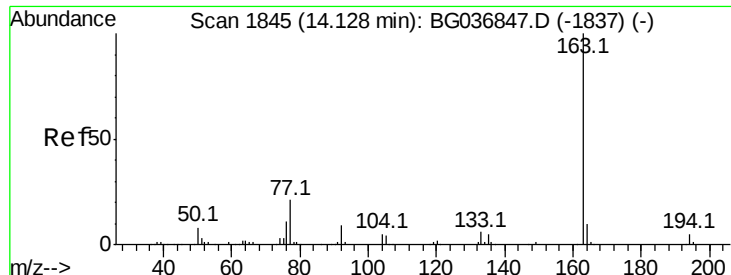
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#48
Acenaphthylene
Concen: 42.229 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.9	25.3
153	14.4	11.2	16.8





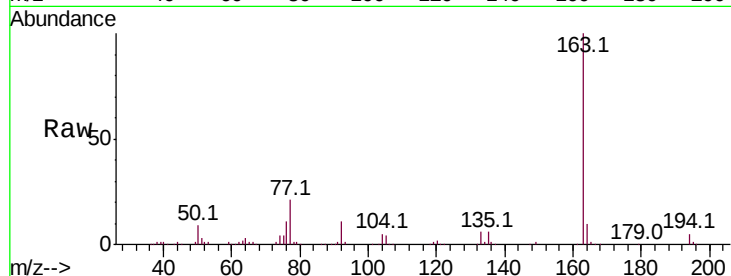
#49
Dimethylphthalate
Concen: 40.168 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	402639		
194	4.9		4.0	6.0
164	9.9		8.1	12.1

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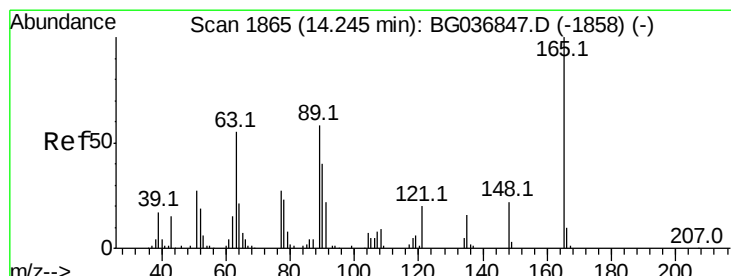
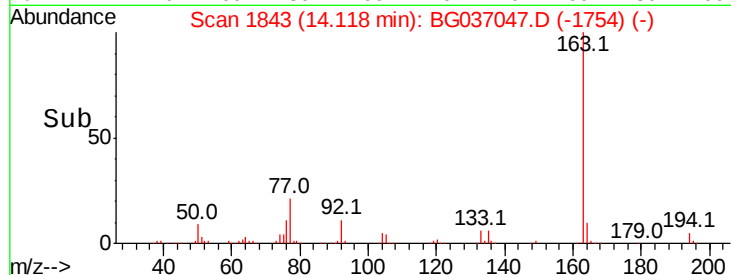
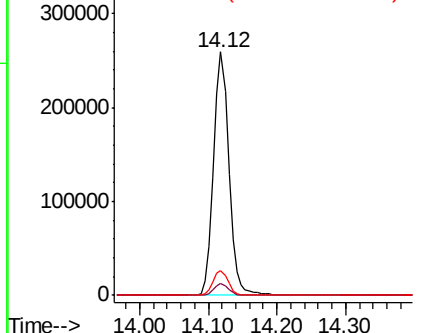


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 40.283 ng
RT: 14.24 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

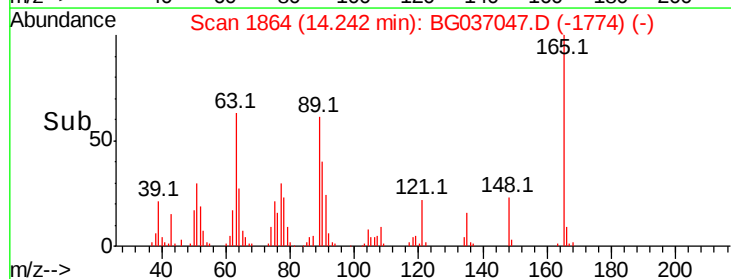
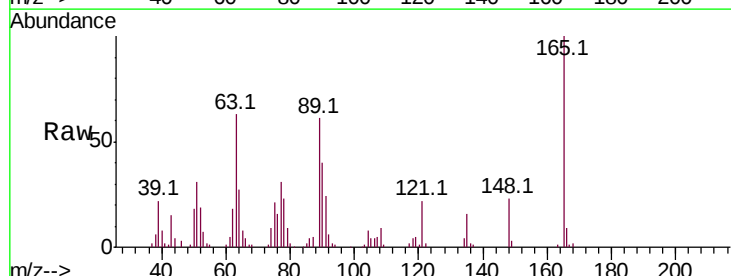
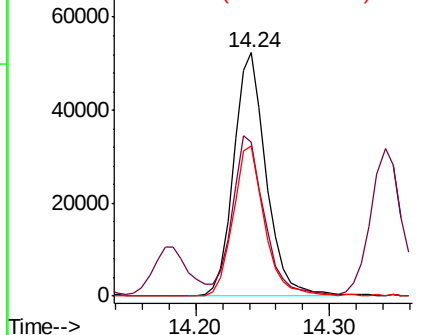
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	88101		
63	63.1		50.1	75.1
89	61.4		47.8	71.6

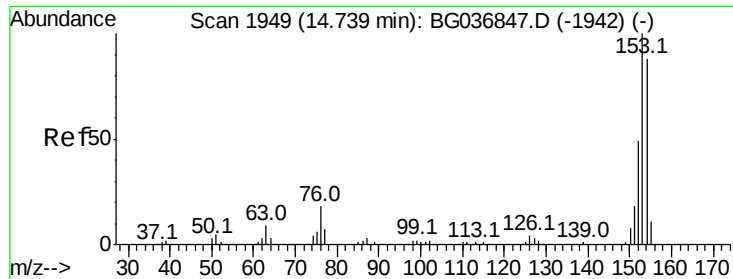
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 39.671 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampleId :

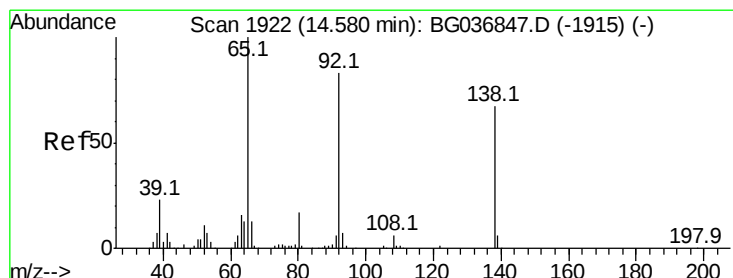
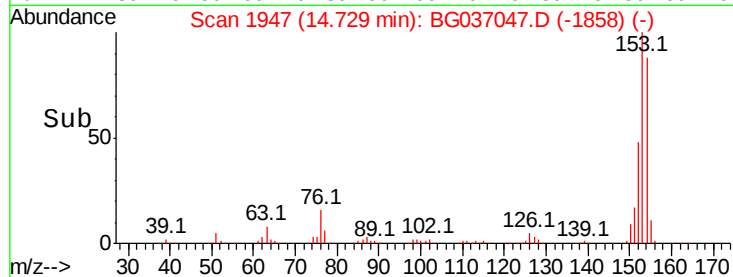
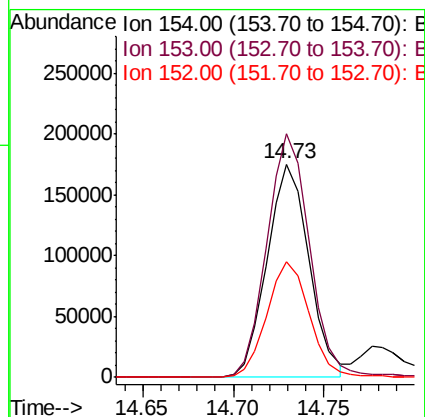
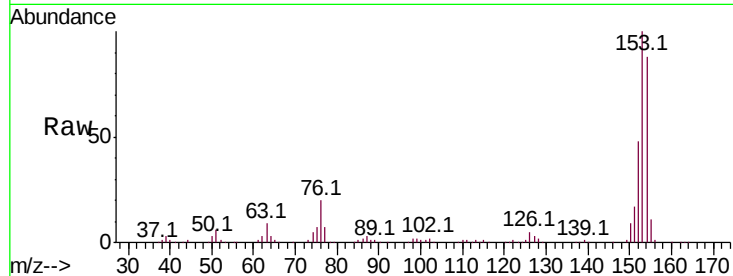
PB113326BS

Tot Ion:	154	Resp:	281795
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.8	137.6
152	54.4	43.5	65.3

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#52

3-Nitroaniline

Concen: 32.295 ng

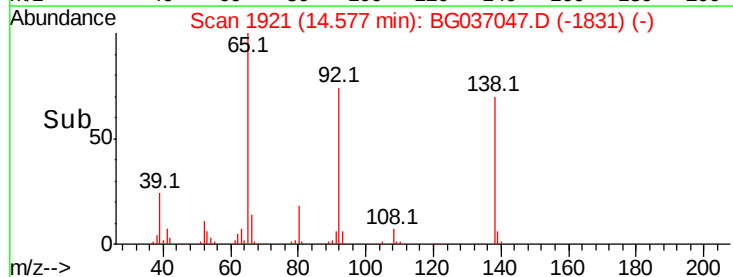
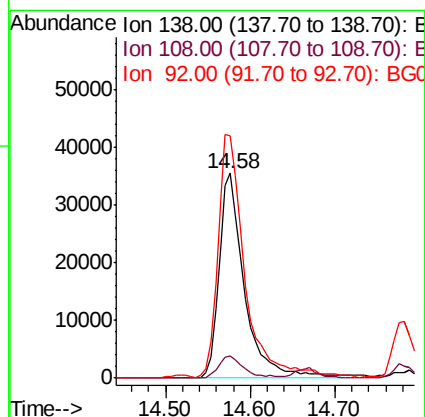
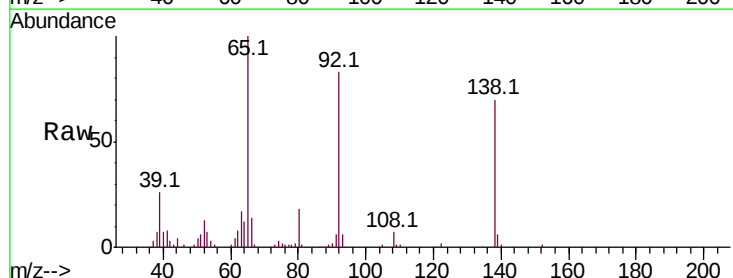
RT: 14.58 min Scan# 1921

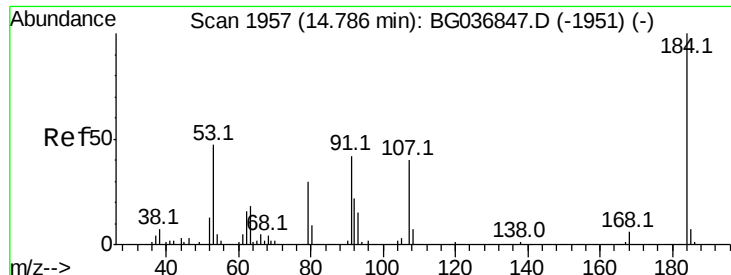
Delta R.T. -0.00 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	138	Resp:	74426
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.2
92	118.7	96.8	145.2





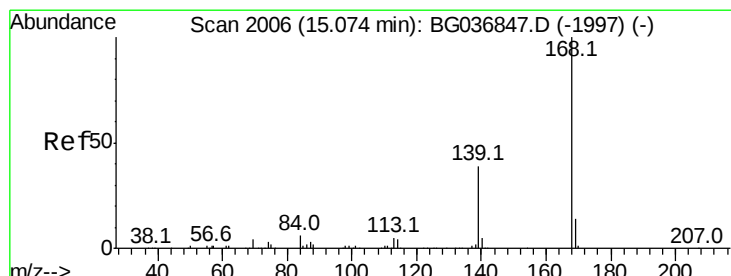
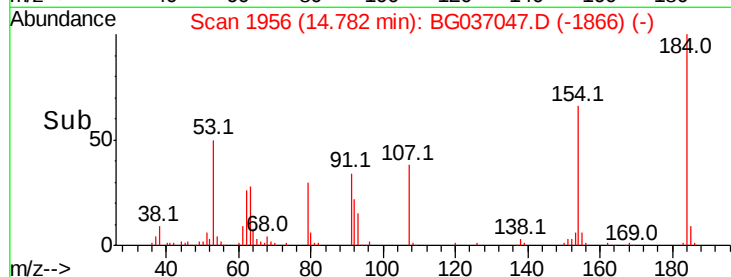
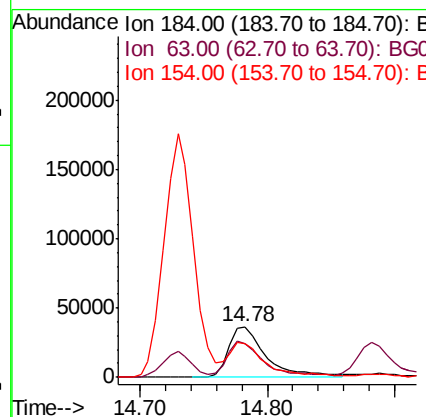
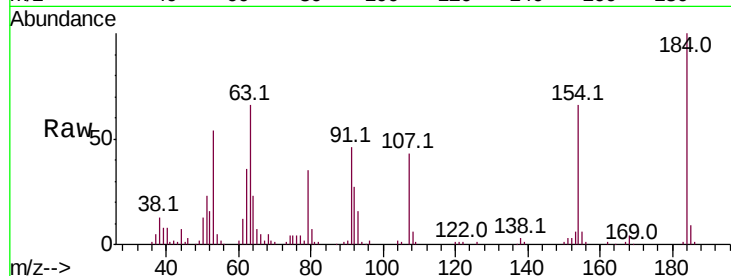
#53
 2,4-Dinitrophenol
 Concen: 74.272 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	66.4	47.3	70.9	
154	66.0	51.1	76.7	

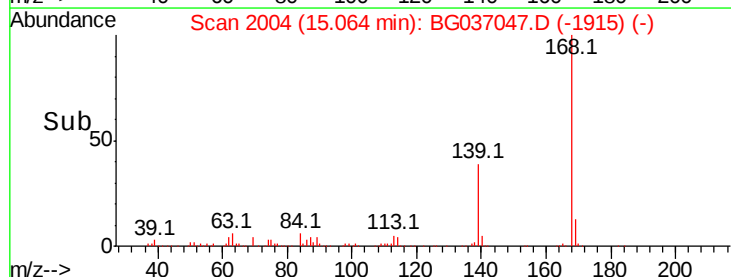
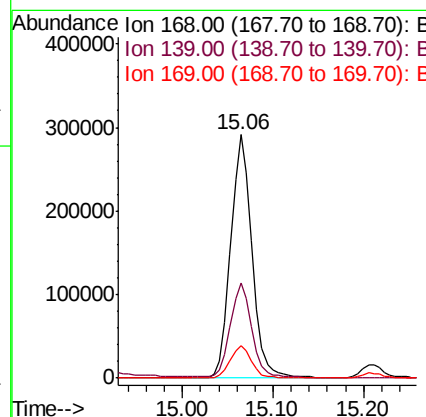
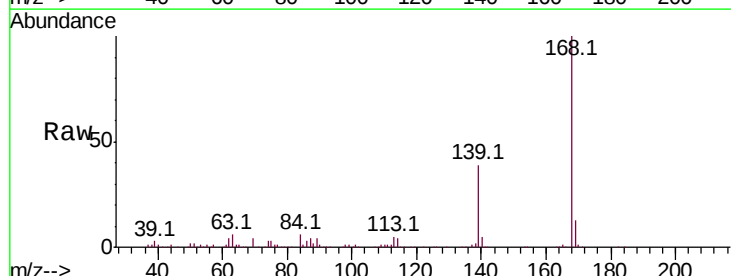
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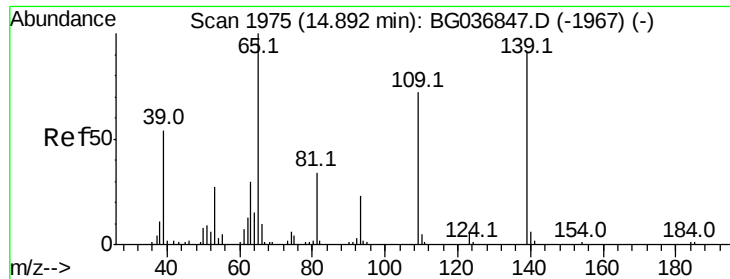
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#54
 Dibenzofuran
 Concen: 39.584 ng
 RT: 15.06 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.3	31.0	46.6	
169	13.3	11.1	16.7	





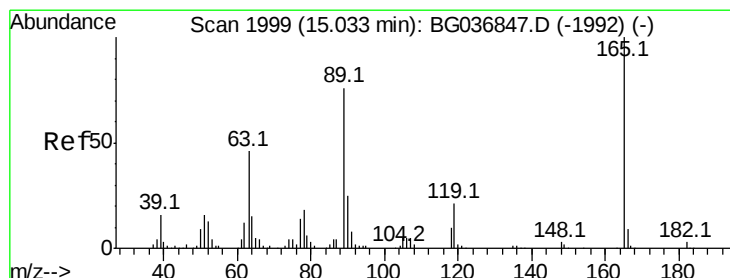
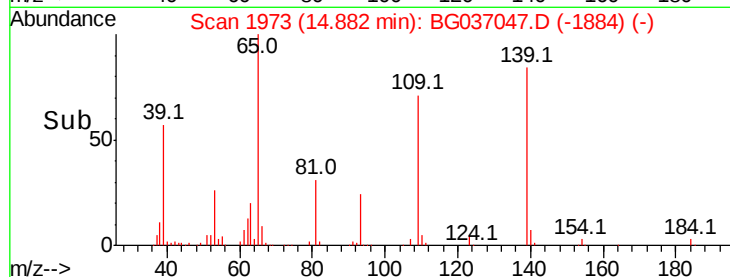
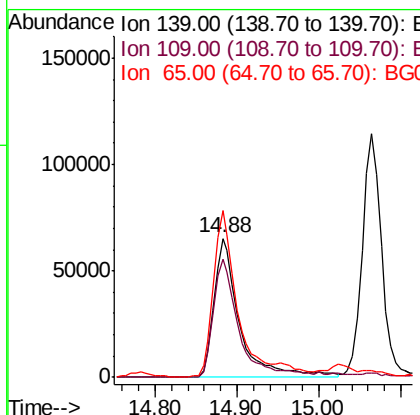
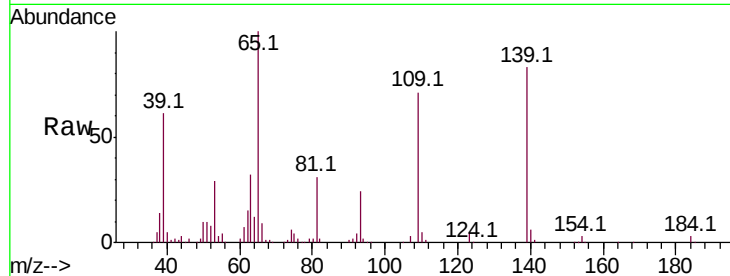
#55
4-Nitrophenol
Concen: 96.771 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampled :
PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	142473		
109	85.0	63.9	103.9	
65	119.8	90.0	130.0	

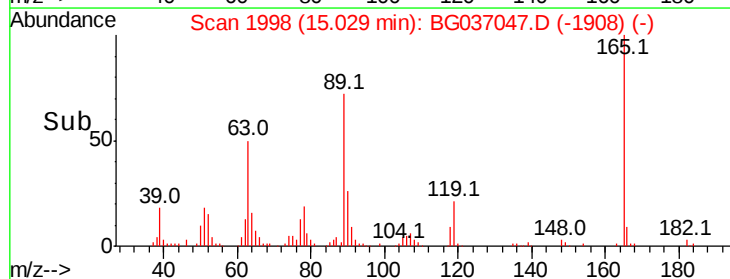
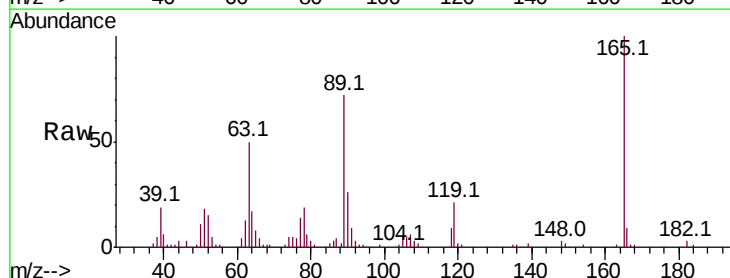
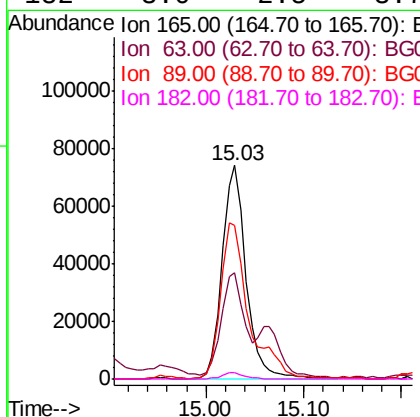
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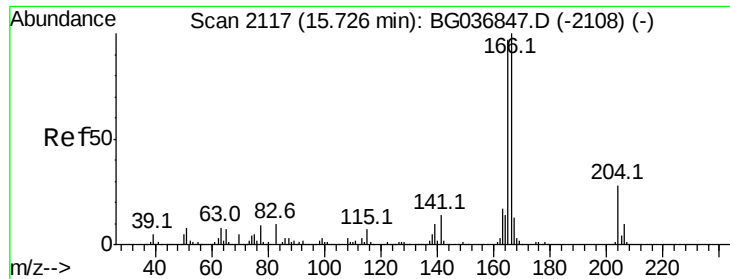
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#56
2,4-Dinitrotoluene
Concen: 41.488 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	126612		
63	49.9	40.1	60.1	
89	72.2	63.7	95.5	
182	3.0	2.5	3.7	





#57

Fluorene

Concen: 42.987 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampleId :

PB113326BS

Tot Ion:166 Resp: 386037

Ion Ratio Lower Upper

166 100

165 100.6 77.0 115.4

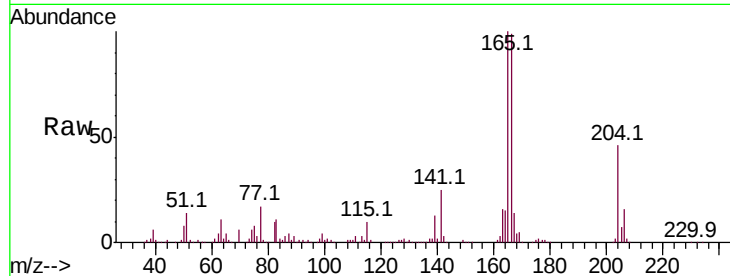
167 13.8 10.6 16.0

Manual Integrations

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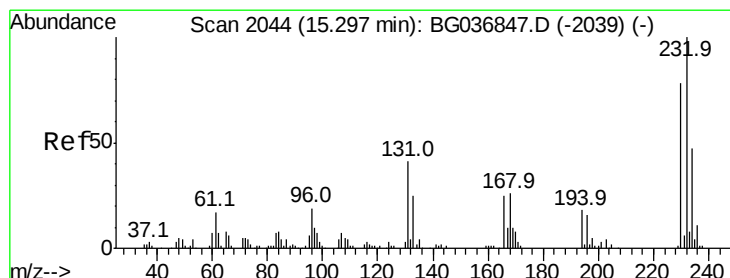
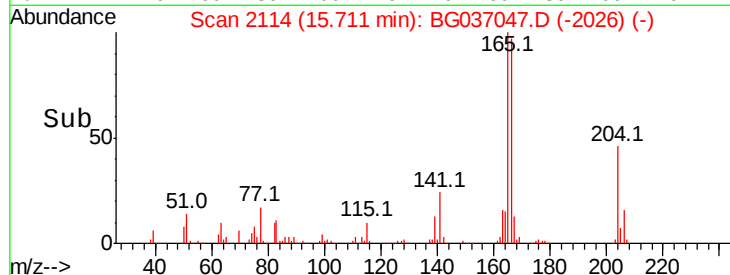
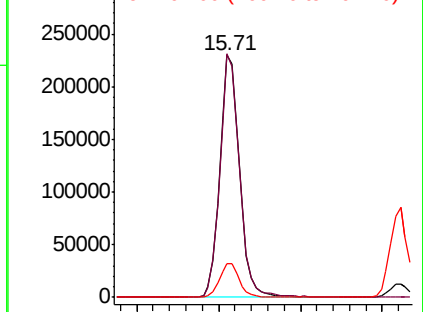


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.700 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:232 Resp: 119230

Ion Ratio Lower Upper

232 100

131 43.4 33.8 50.8

130 2.6 2.1 3.1

166 27.9 22.3 33.5

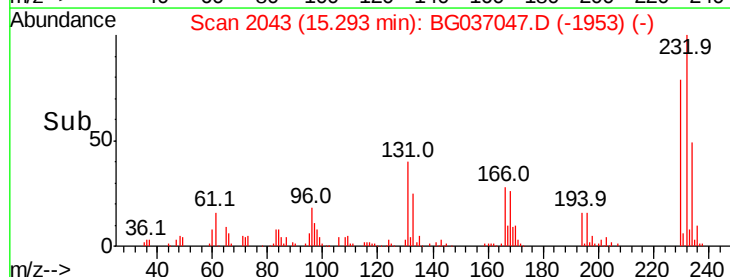
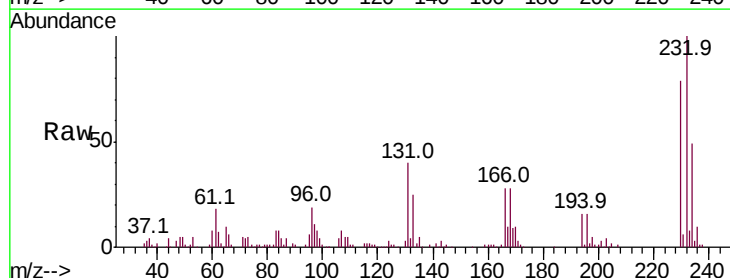
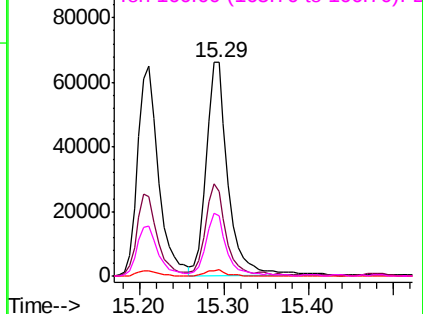
Abundance

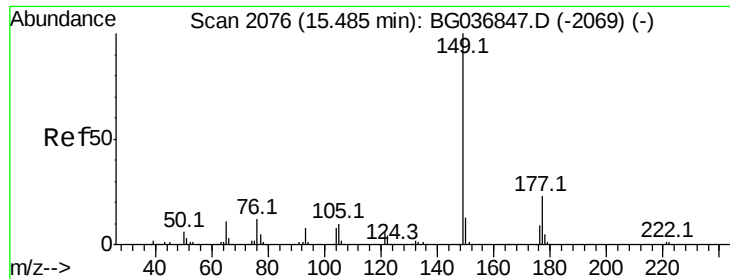
Ion 232.00 (231.70 to 232.70): E

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





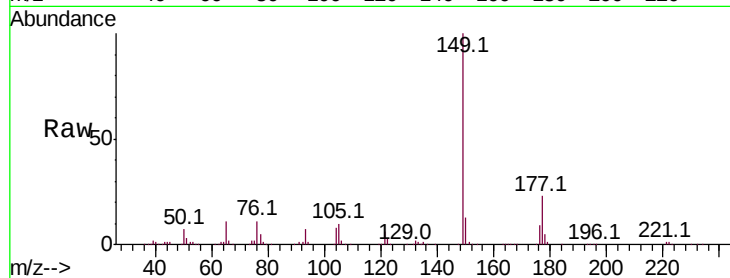
#59
Diethylphthalate
Concen: 40.325 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

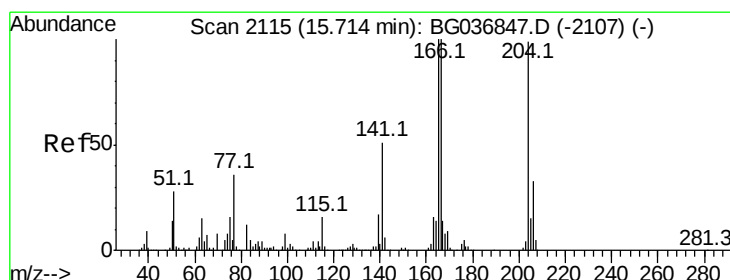
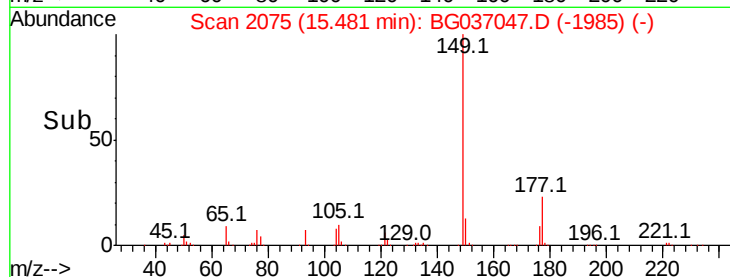
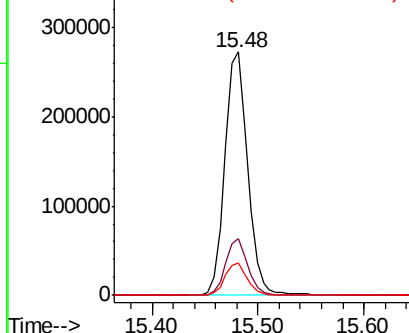
Tot Ion	Ratio	Resp	Lower	Upper
149	100	407692		
177	23.3	19.1	28.7	
150	13.1	10.7	16.1	

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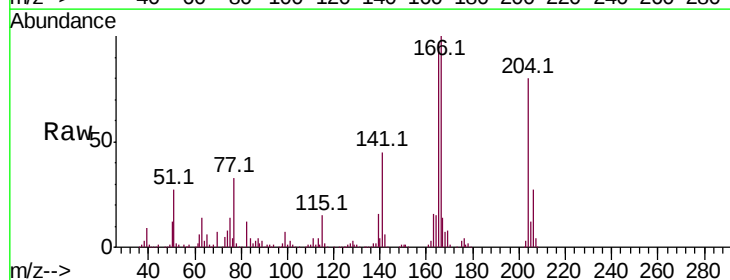


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

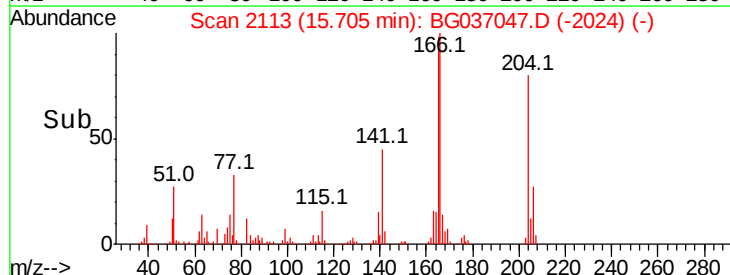
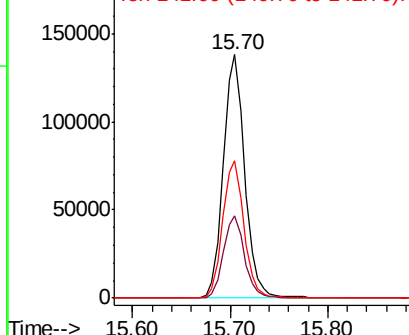


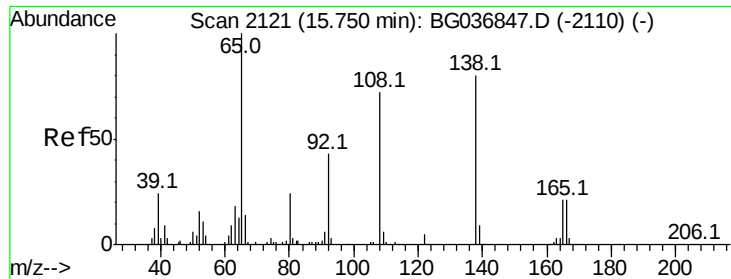
#60
4-Chlorophenyl-phenylether
Concen: 36.927 ng
RT: 15.70 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	210014		
206	33.9	27.0	40.4	
141	56.5	43.8	65.6	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





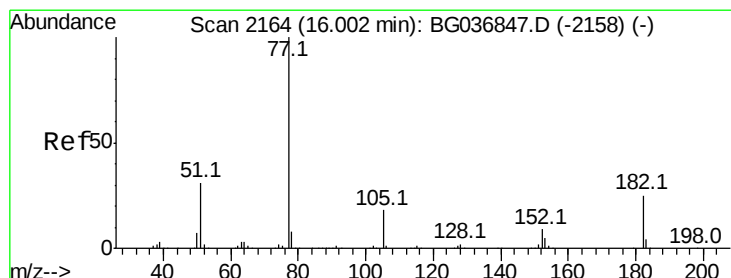
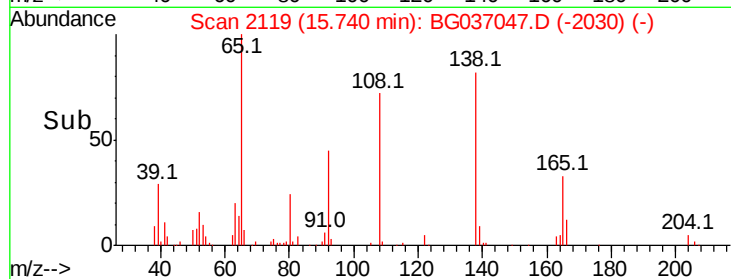
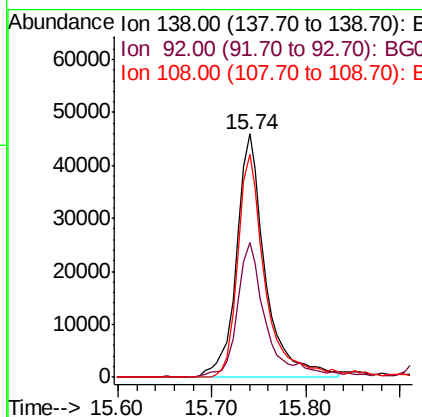
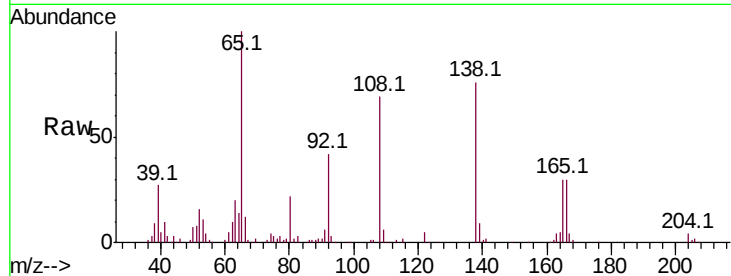
#61
4-Nitroaniline
Concen: 40.280 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.4	38.5	78.5
108	91.5	70.3	110.3

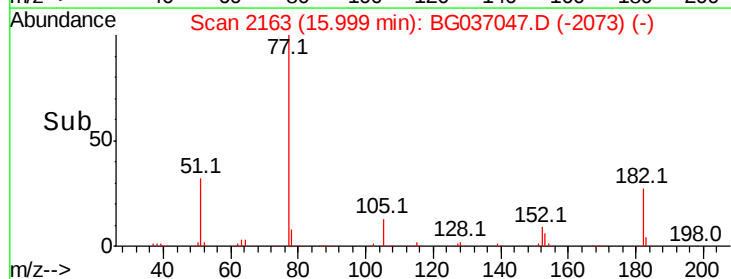
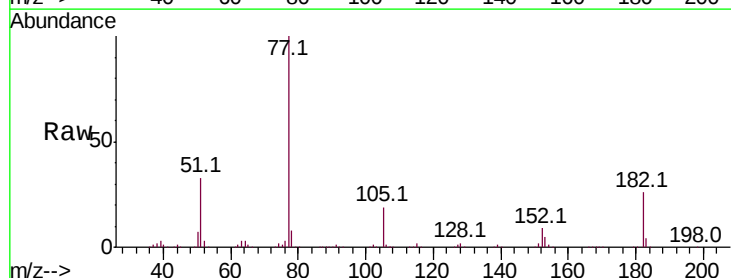
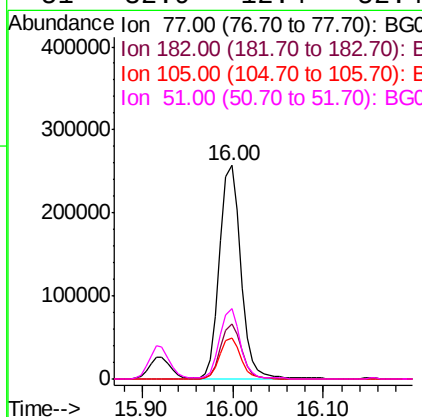
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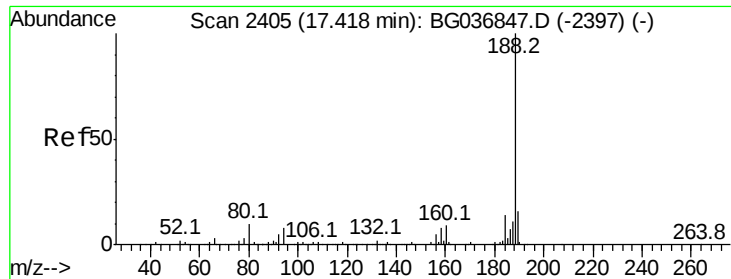
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#62
Azobenzene
Concen: 43.085 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.7	46.7
105	19.1	0.0	39.8
51	32.9	12.4	52.4





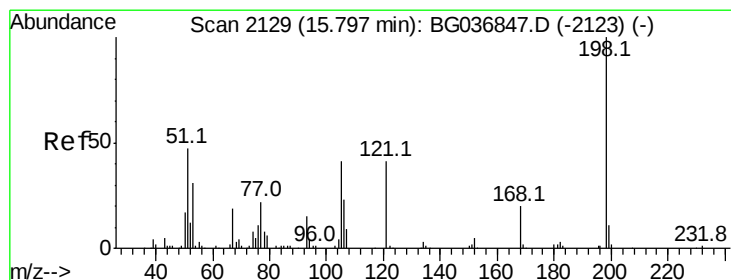
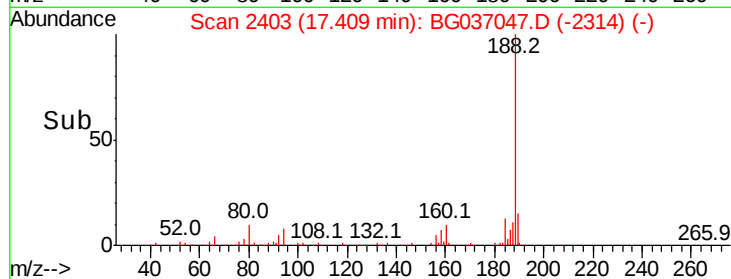
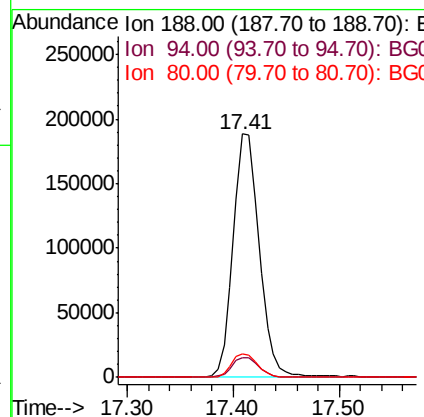
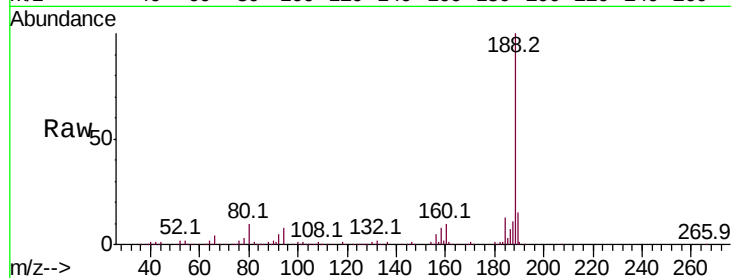
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion:188	Resp:	322930
Ion Ratio	Lower	Upper
188 100		
94 8.1	6.7	10.1
80 9.6	8.1	12.1

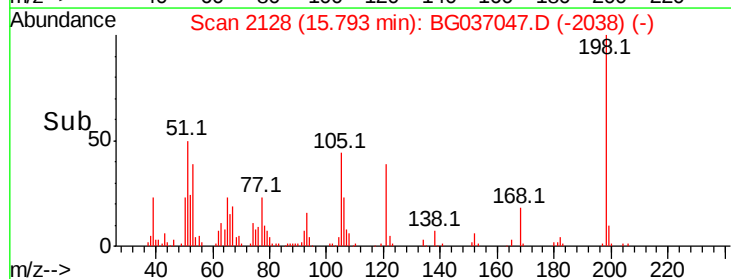
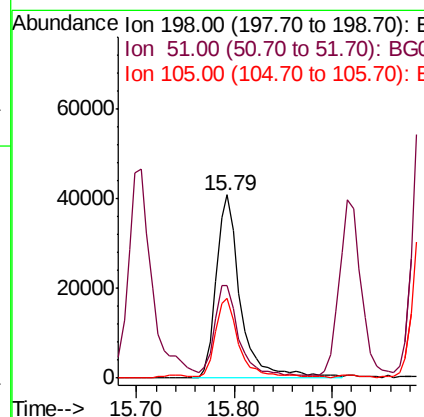
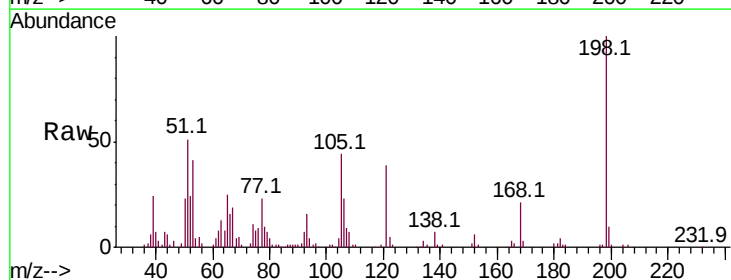
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.674 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion:198	Resp:	70359
Ion Ratio	Lower	Upper
198 100		
51 50.8	26.5	66.5
105 43.7	20.2	60.2





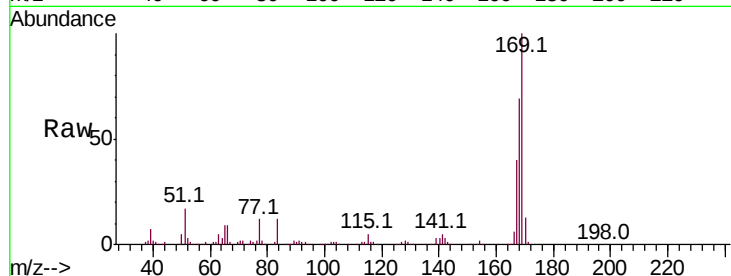
#65
n-Nitrosodiphenylamine
Concen: 39.149 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.3	57.6	86.4	
167	39.5	31.0	46.4	

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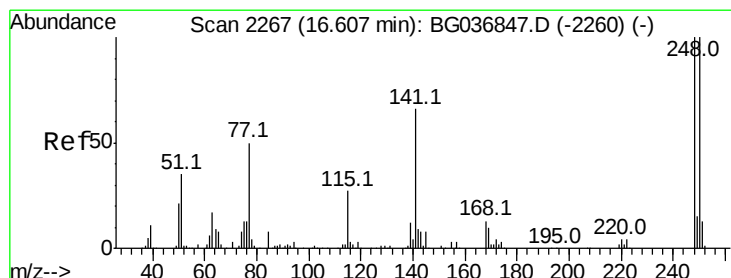
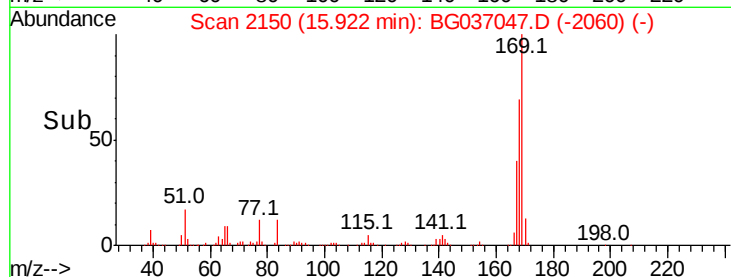
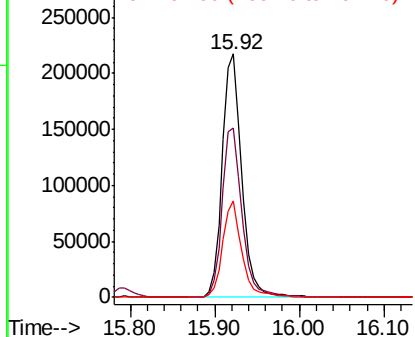


Abundance

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



#66
4-Bromophenyl-phenylether
Concen: 36.777 ng
RT: 16.60 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

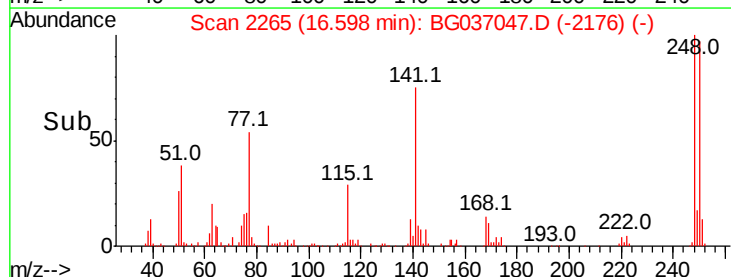
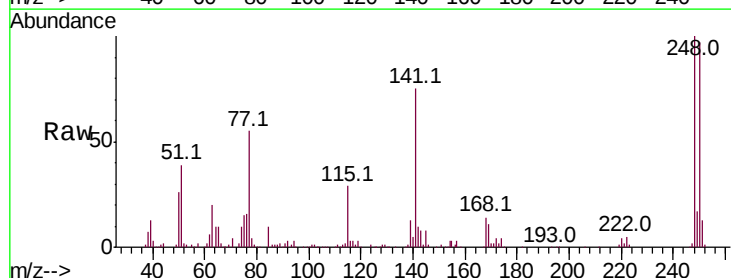
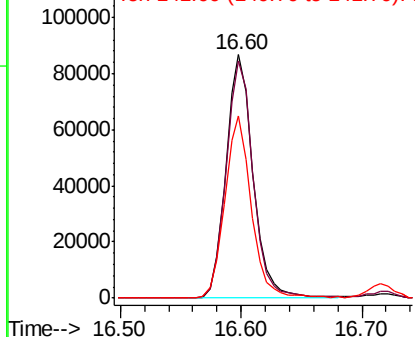
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	78.1	117.1	
141	74.6	53.7	80.5	

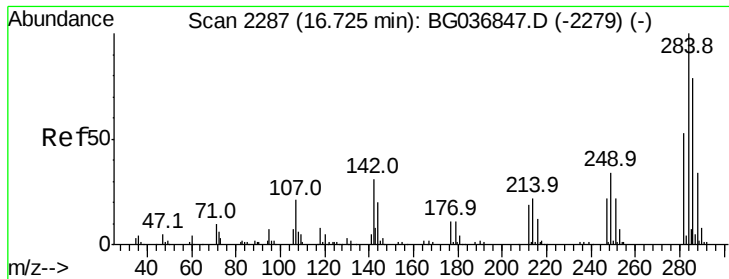
Abundance

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





#67

Hexachlorobenzene

Concen: 35.649 ng

RT: 16.72 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

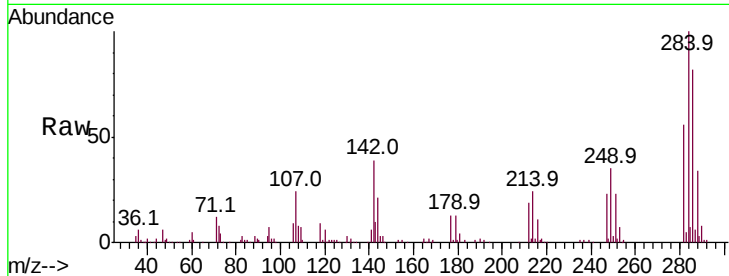
ClientSampled :

PB113326BS

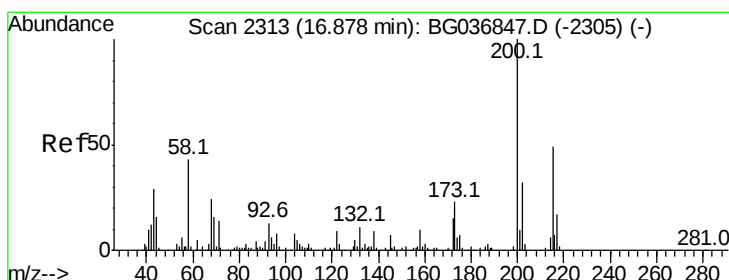
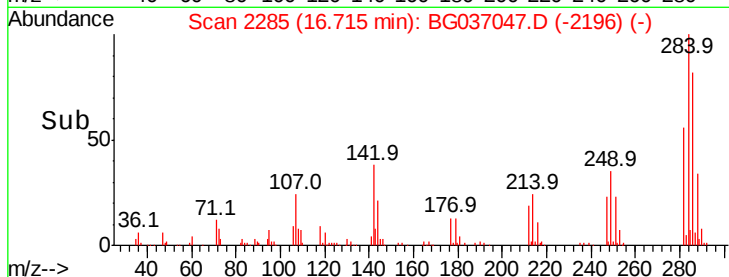
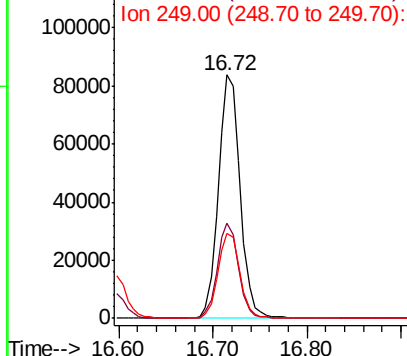
Tot Ion:	284	Resp:	134865
Ion Ratio	Lower	Upper	
284	100		
142	38.9	27.8	41.6
249	34.7	27.4	41.2

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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



#68

Atrazine

Concen: 39.022 ng

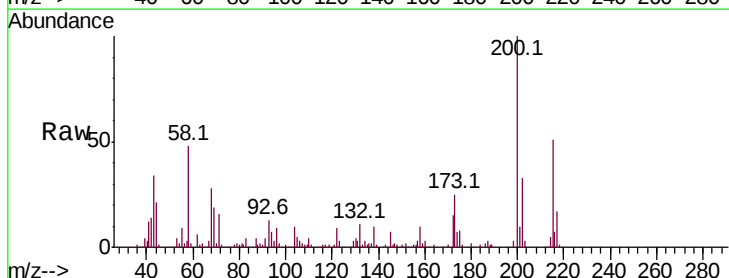
RT: 16.87 min Scan# 2311

Delta R.T. -0.01 min

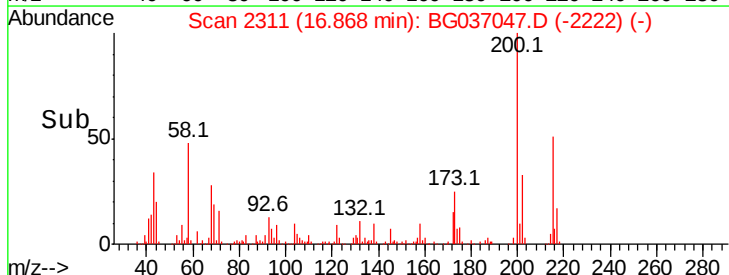
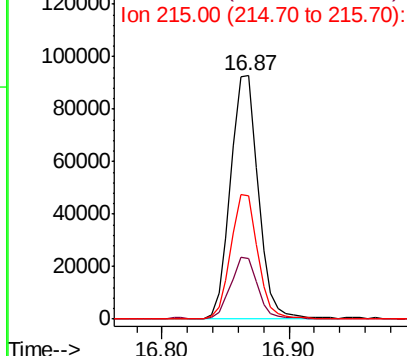
Lab File: BG037047.D

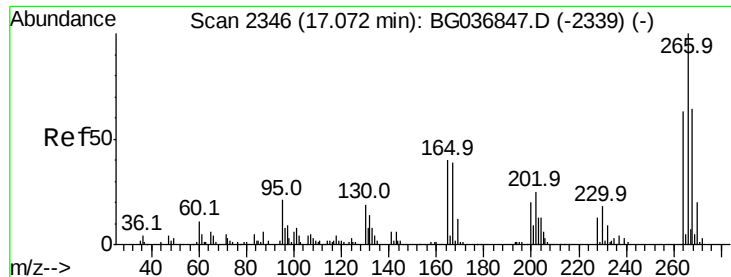
Acq: 28 Sep 2018 12:47

Tgt Ion:	200	Resp:	140861
Ion Ratio	Lower	Upper	
200	100		
173	25.0	3.9	43.9
215	50.9	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 69.222 ng

RT: 17.06 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

ClientSampleId :

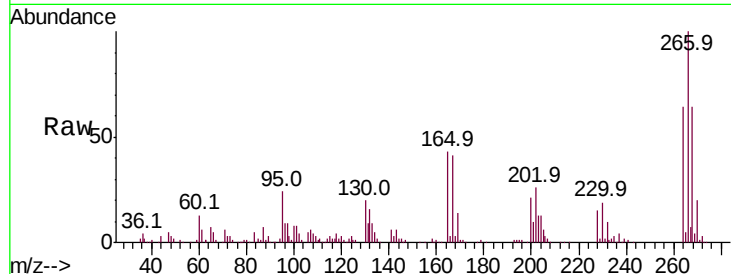
PB113326BS

Tot Ion:	266	Resp:	164876
Ion Ratio		Lower	Upper
266	100		
268	63.8	51.4	77.2
264	64.0	48.9	73.3

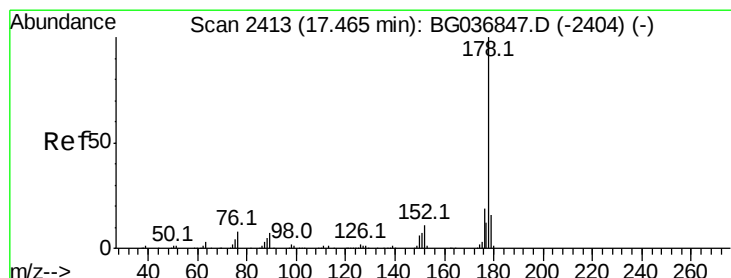
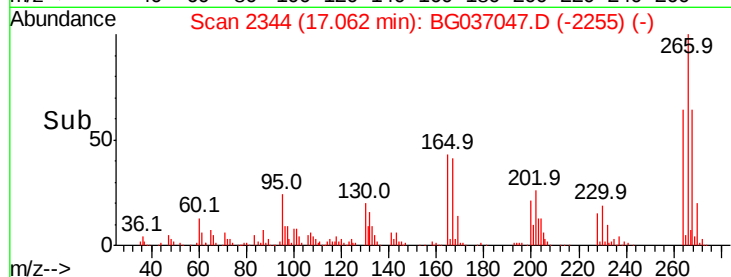
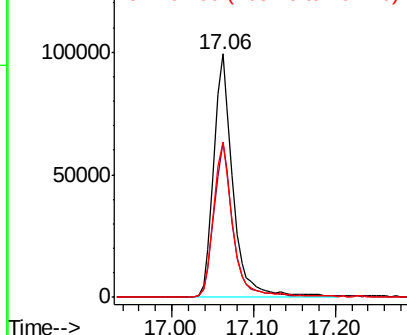
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.901 ng

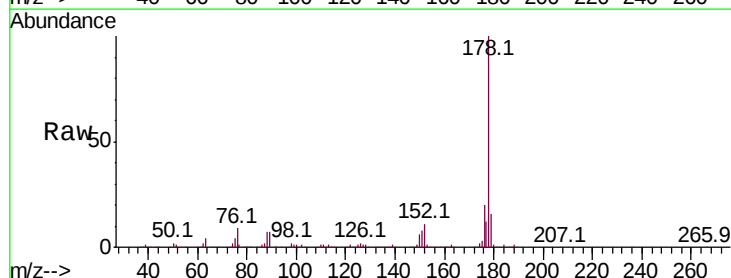
RT: 17.46 min Scan# 2411

Delta R.T. -0.01 min

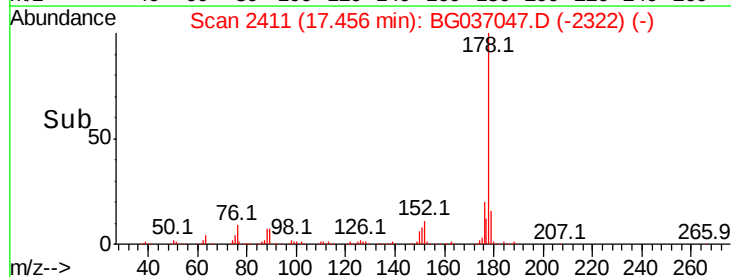
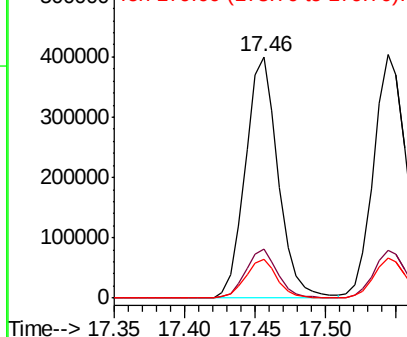
Lab File: BG037047.D

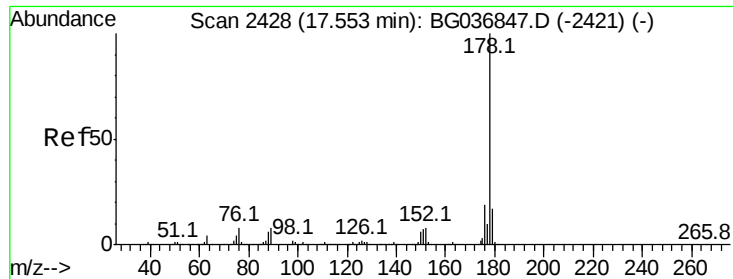
Acq: 28 Sep 2018 12:47

Tgt Ion:	178	Resp:	652058
Ion Ratio		Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.0	13.4	20.2



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





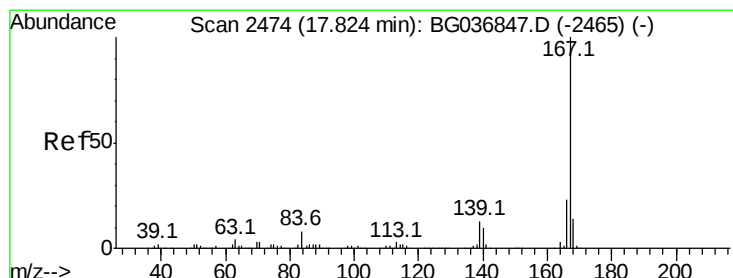
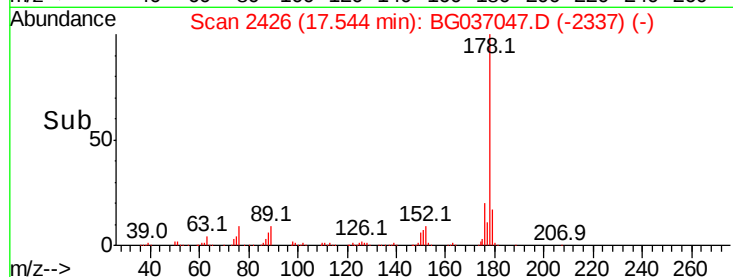
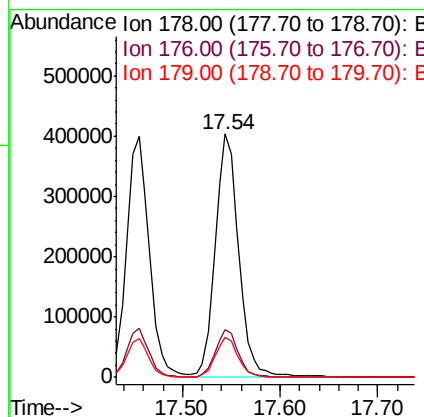
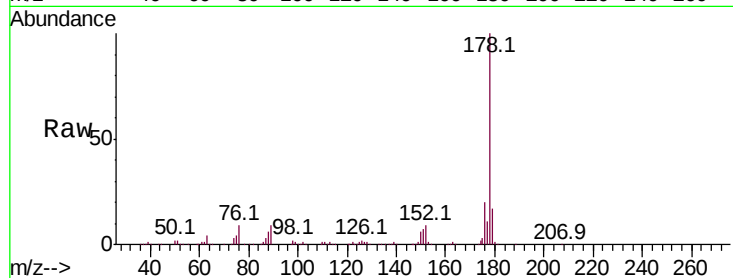
#71
 Anthracene
 Concen: 43.221 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampled :
 PB113326BS

Tot Ion:	178	Resp:	665071
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.4	23.2
179	16.6	13.0	19.4

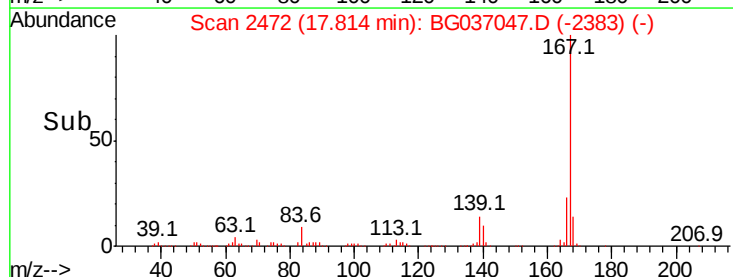
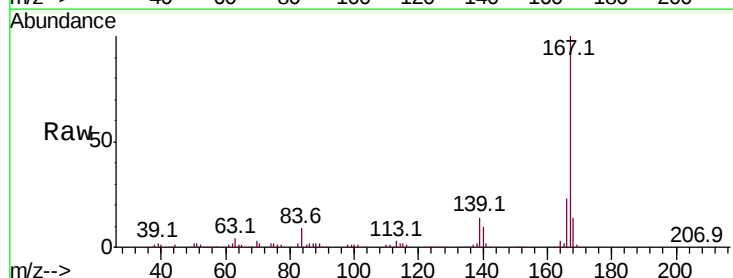
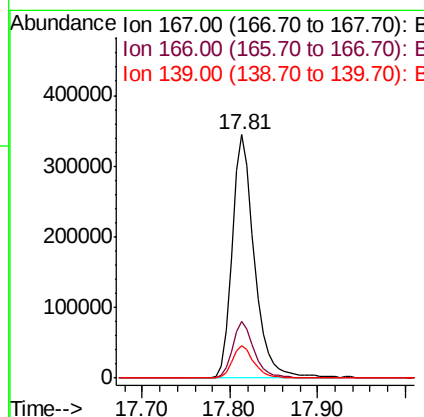
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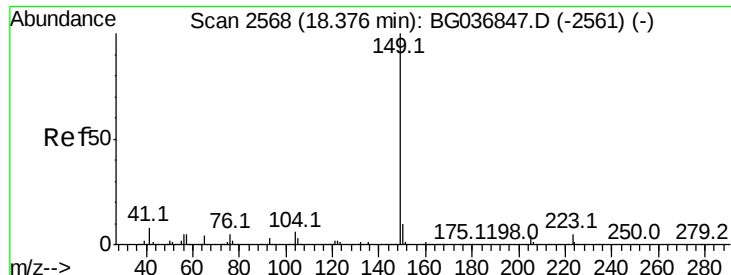
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#72
 Carbazole
 Concen: 39.852 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion:	167	Resp:	597904
Ion Ratio	Lower	Upper	
167	100		
166	23.4	19.5	29.3
139	13.5	10.7	16.1





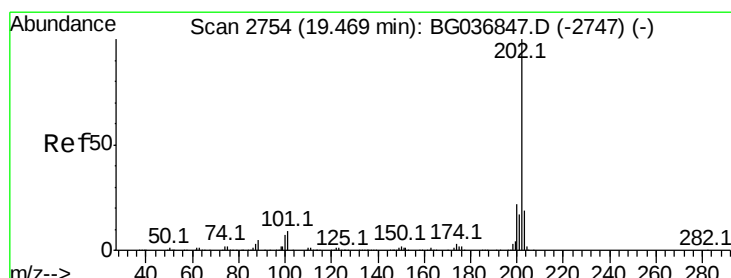
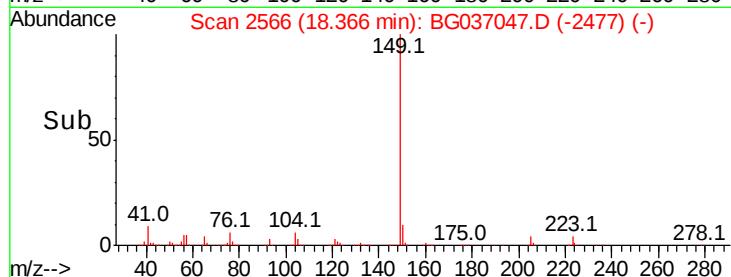
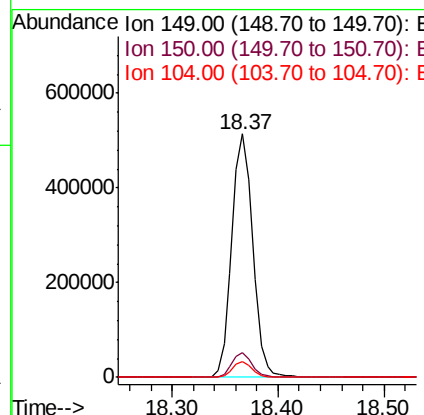
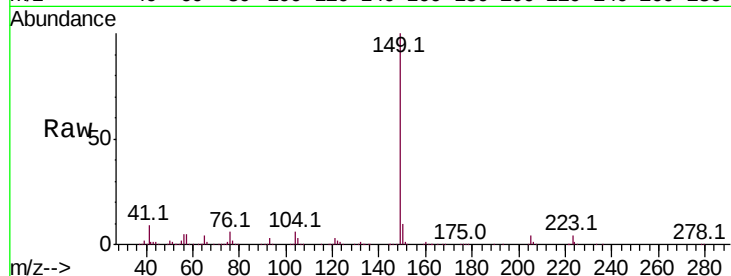
#73
Di-n-butylphthalate
Concen: 42.307 ng
RT: 18.37 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	10.0	8.1	12.1
104	6.5	4.6	6.8

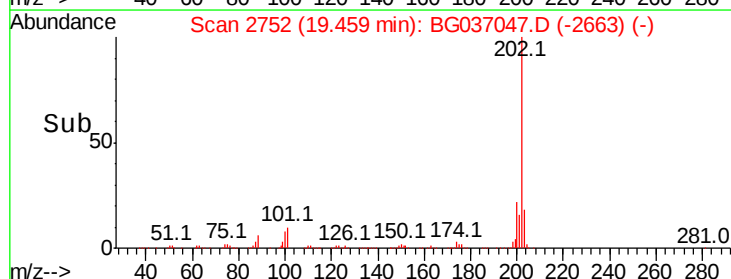
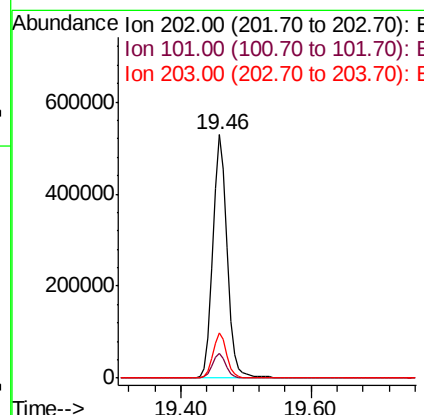
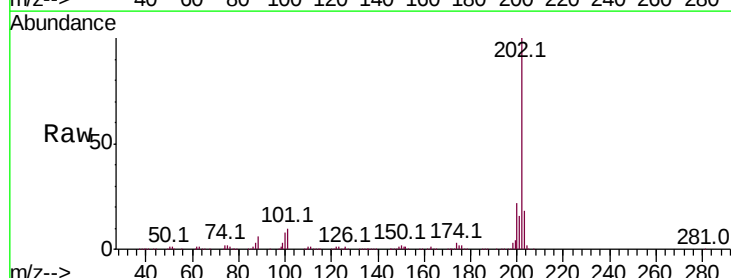
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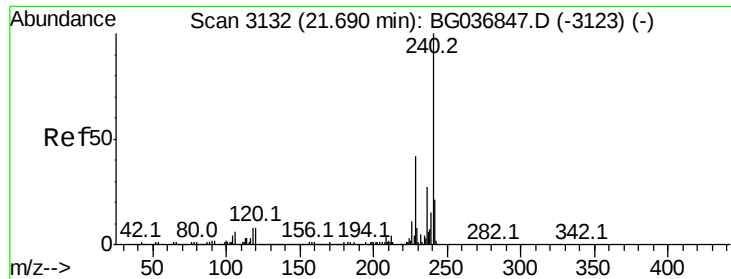
Sohil
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#74
Fluoranthene
Concen: 42.978 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	29.4
203	18.4	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

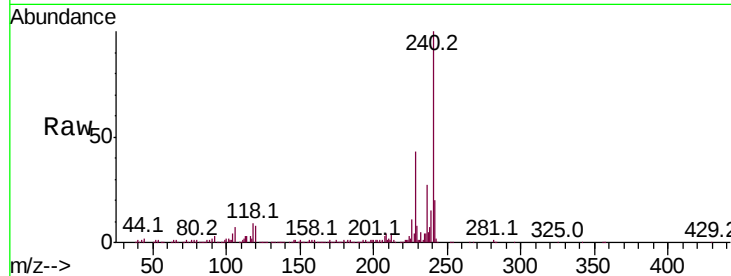
ClientSampled :

PB113326BS

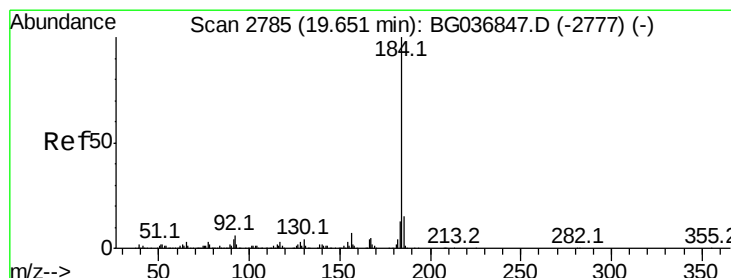
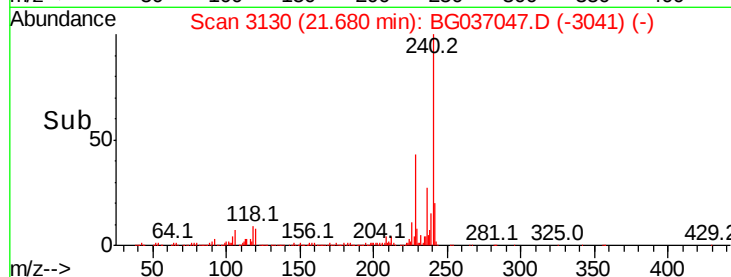
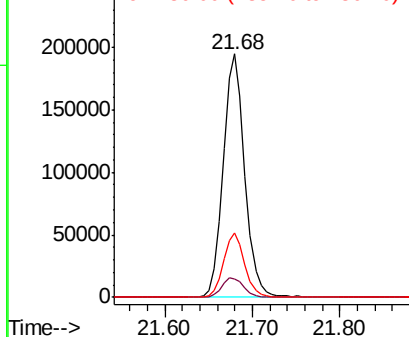
Tot Ion:	240	Resp:	329674
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.9	10.3
236	26.6	21.2	31.8

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.011 ng

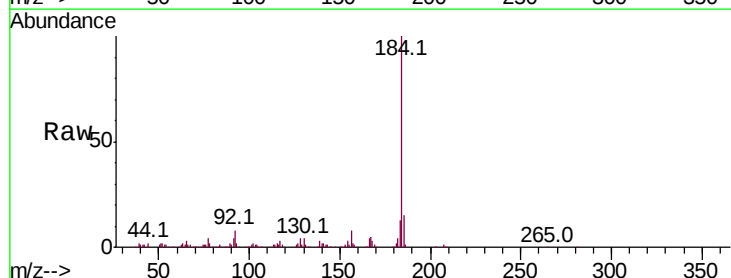
RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

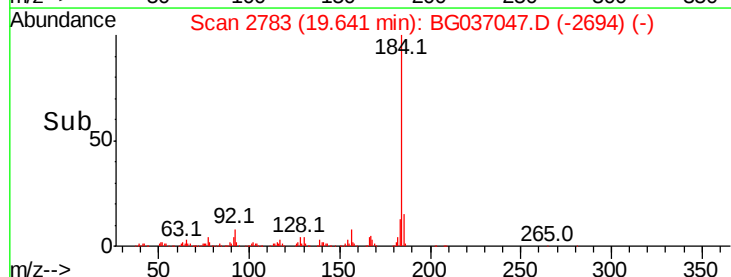
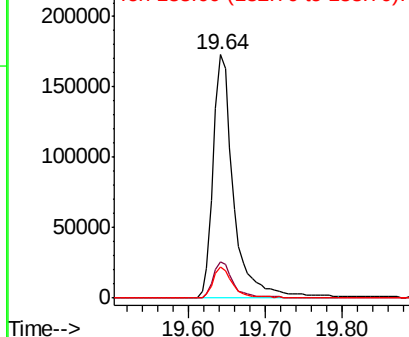
Lab File: BG037047.D

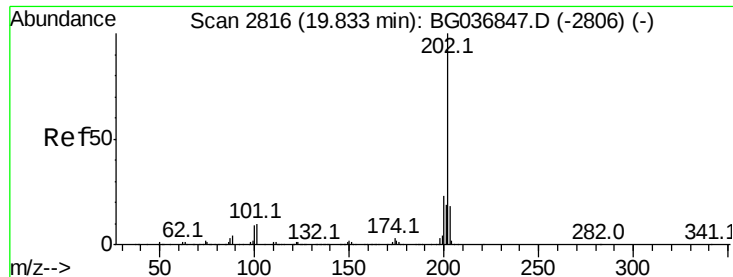
Acq: 28 Sep 2018 12:47

Tgt Ion:	184	Resp:	319021
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.6	18.8
183	13.0	10.9	16.3



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





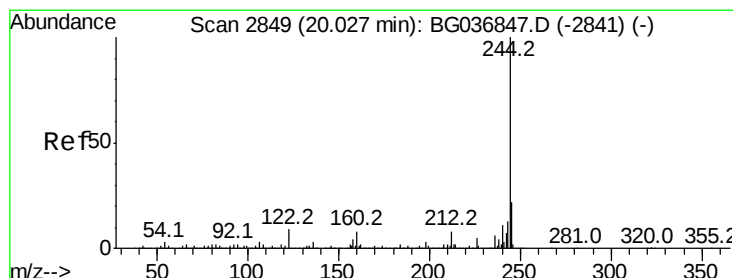
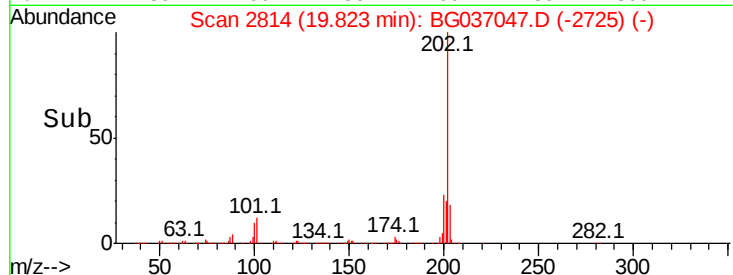
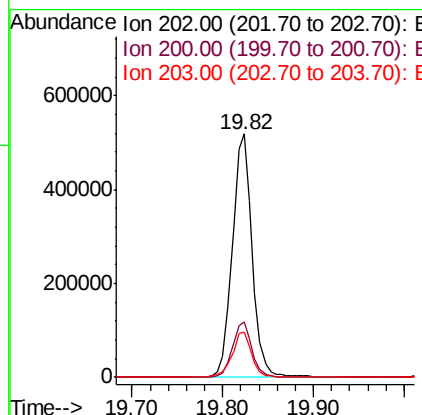
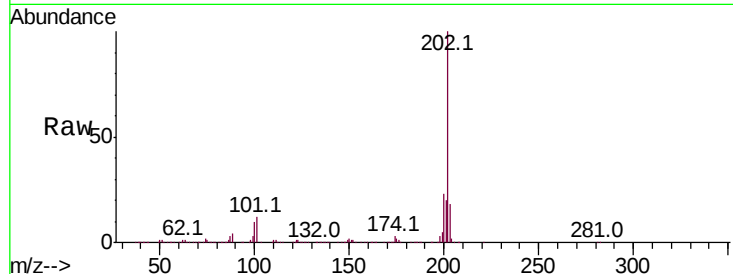
#77
Pvrene
Concen: 39.945 ng
RT: 19.82 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	23.0	18.3	27.5
203	18.4	15.1	22.7

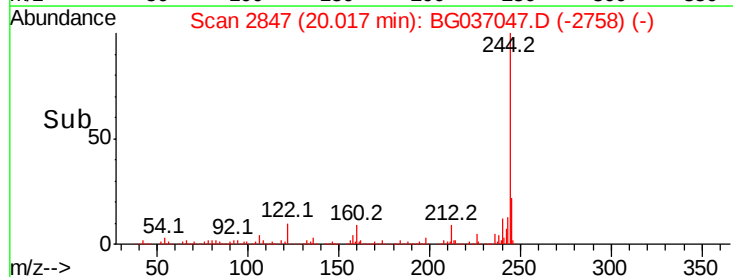
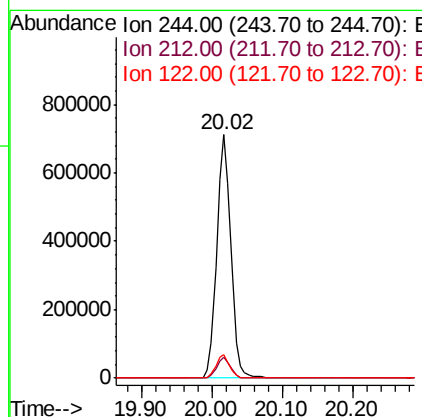
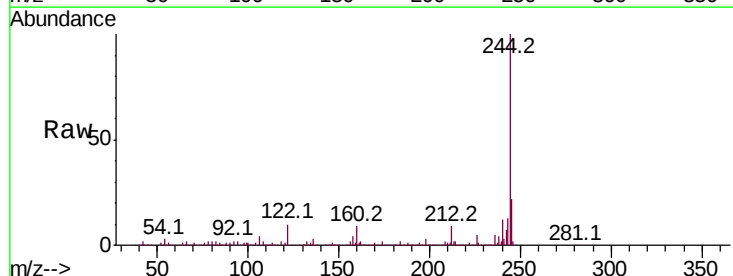
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#78
Terphenyl-d14
Concen: 78.942 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.6	7.1	10.7





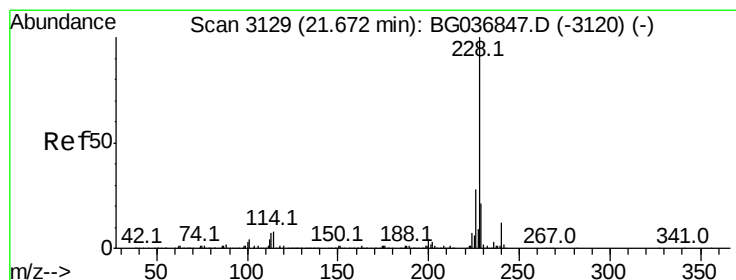
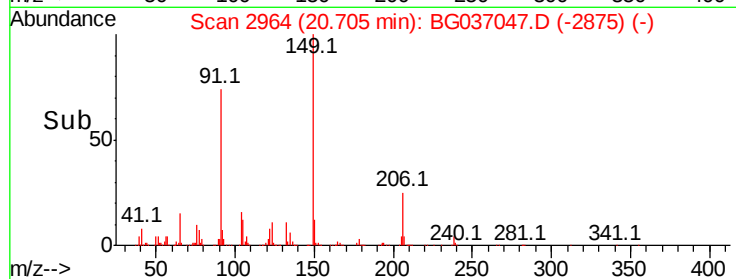
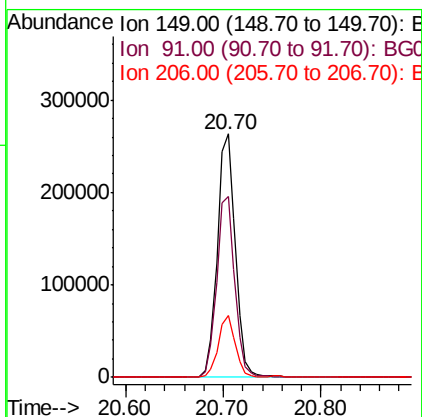
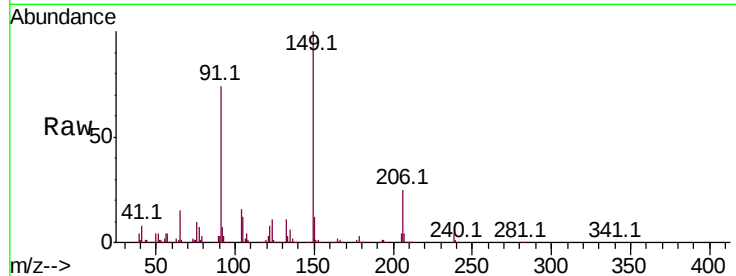
#79
Butylbenzylphthalate
Concen: 42.749 ng
RT: 20.70 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.3	62.0	93.0	
206	25.3	19.6	29.4	

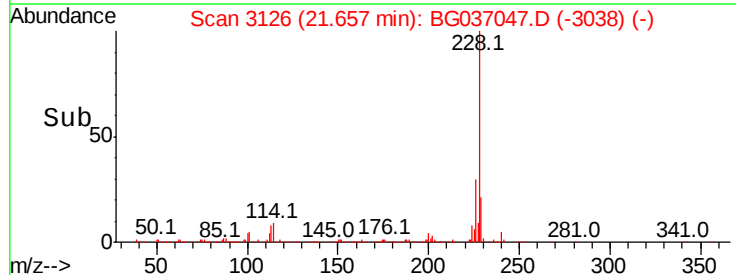
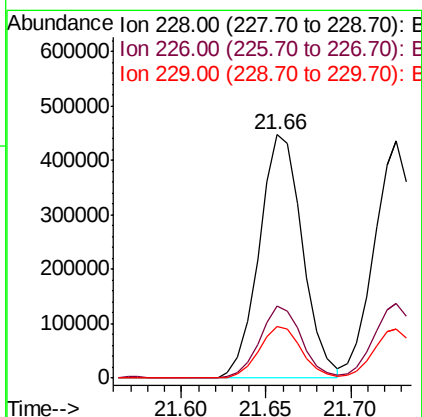
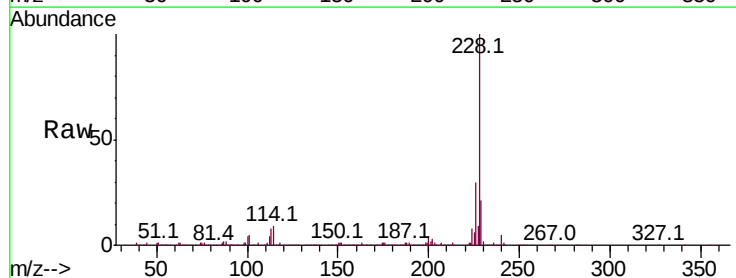
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#80
Benzo(a)anthracene
Concen: 41.213 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.8	23.4	35.2	
229	21.3	17.1	25.7	





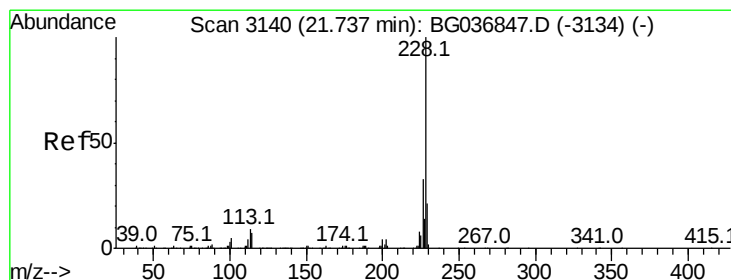
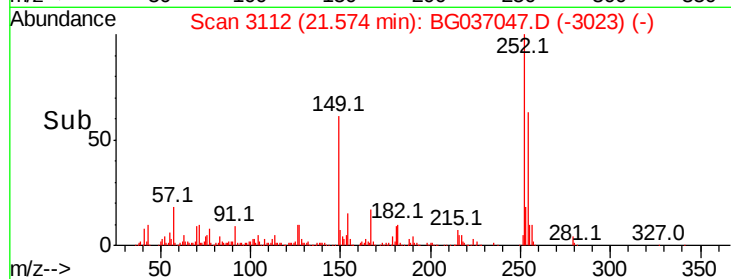
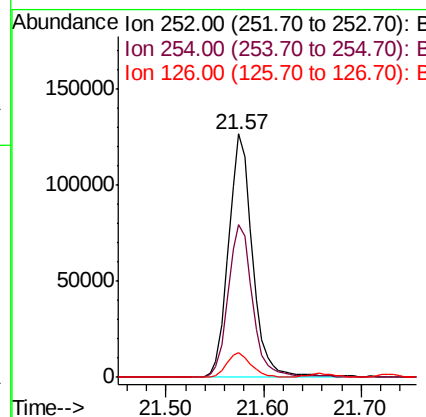
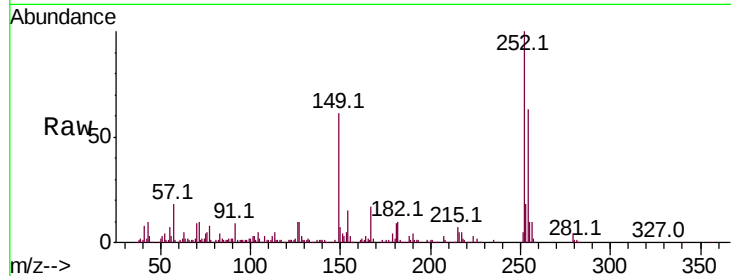
#81
 3,3'-Dichlorobenzidine
 Concen: 29.500 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampled :
 PB113326BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	216092		
254	62.5	51.0	76.4	
126	10.0	7.4	11.0	

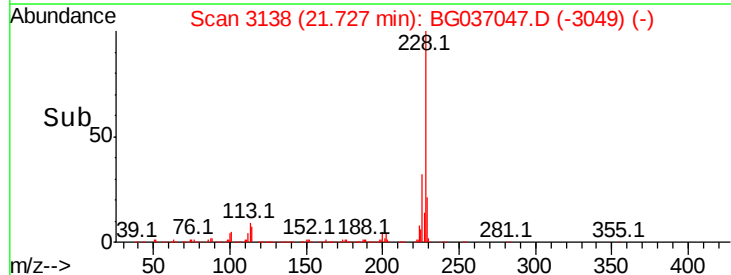
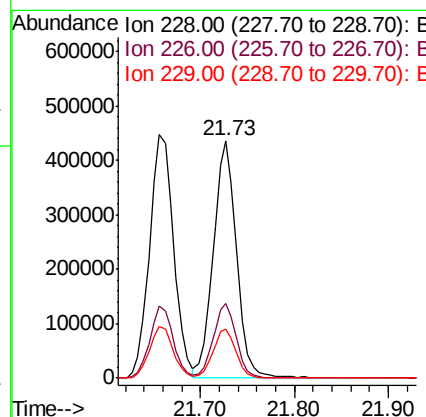
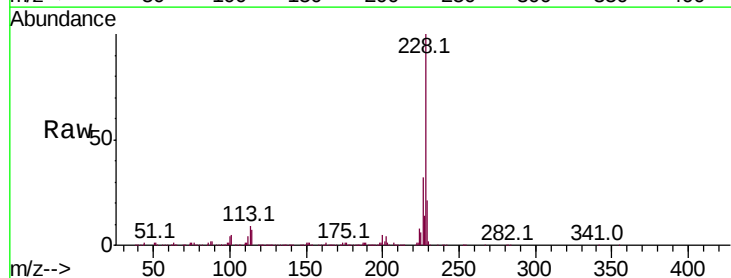
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#82
 Chrysene
 Concen: 40.314 ng
 RT: 21.73 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	749608		
226	31.7	25.5	38.3	
229	20.6	16.9	25.3	





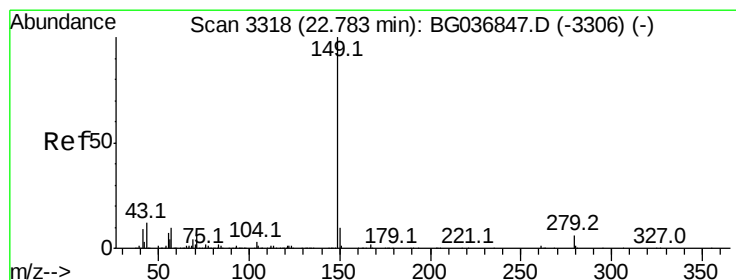
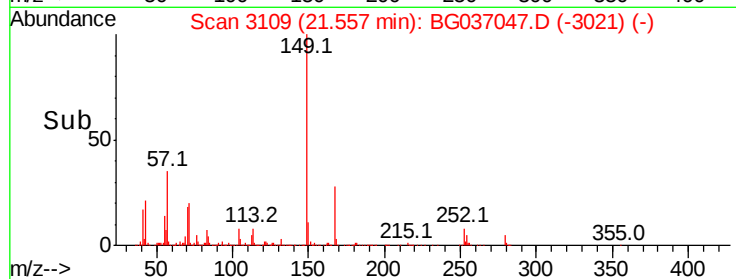
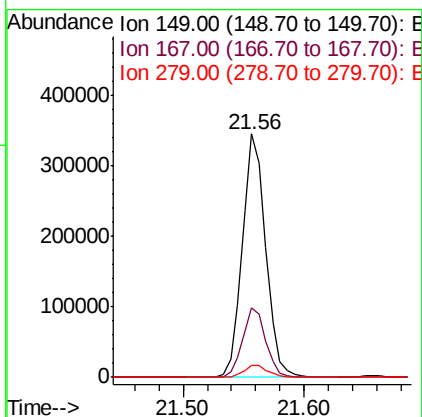
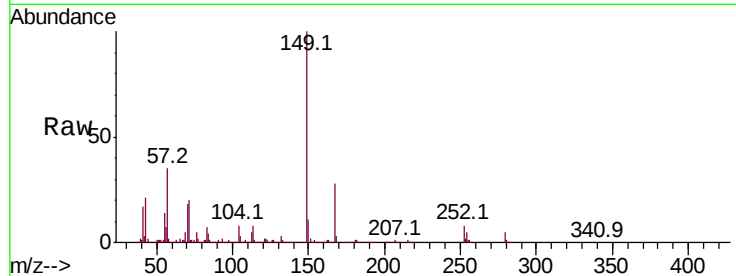
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.359 ng
 RT: 21.56 min Scan# 3109
 Delta R.T. -0.02 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	4.8	4.6	7.0

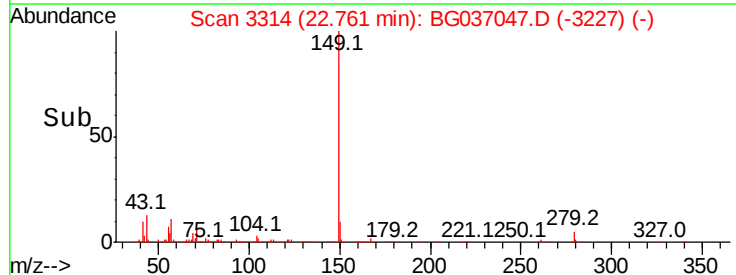
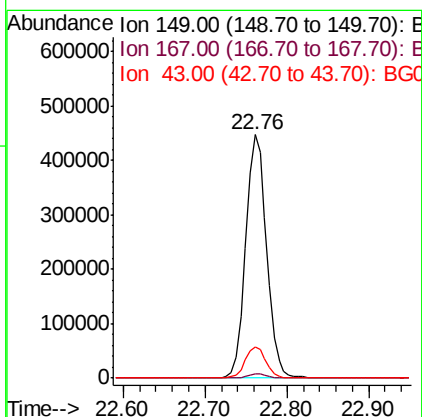
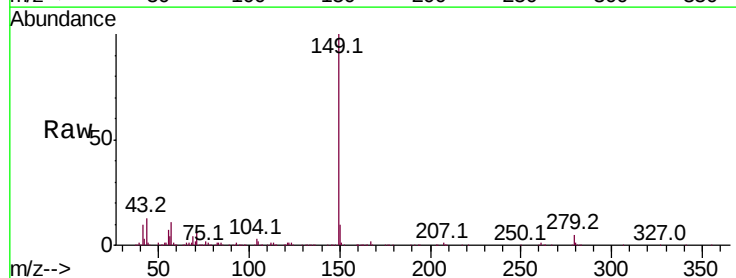
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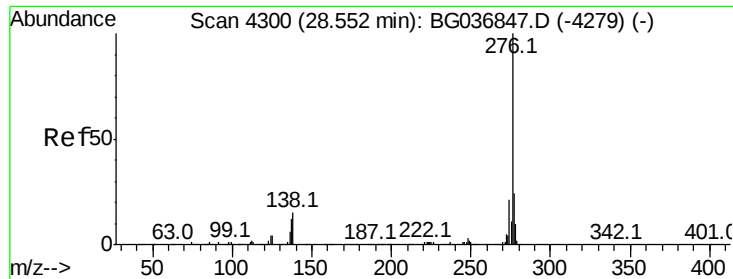
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#84
 Di-n-octyl phthalate
 Concen: 43.651 ng
 RT: 22.76 min Scan# 3314
 Delta R.T. -0.02 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.7	10.0	15.0





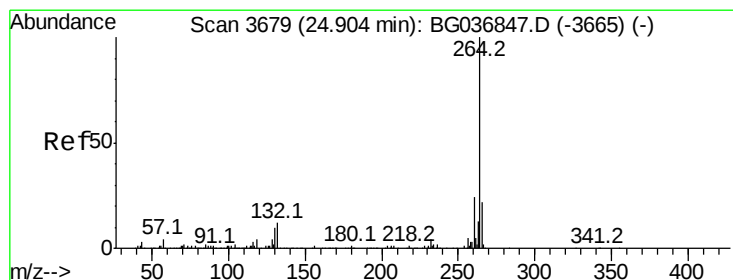
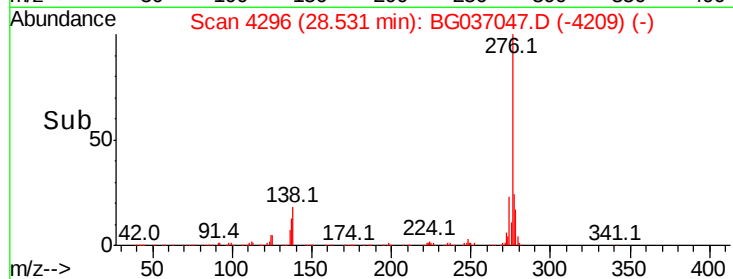
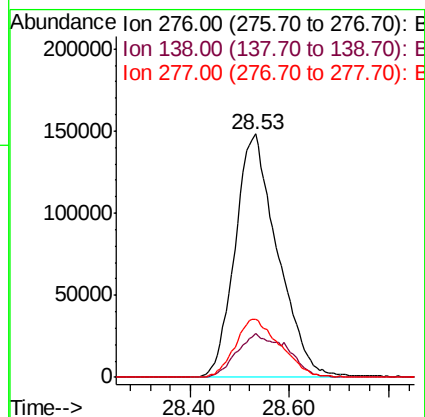
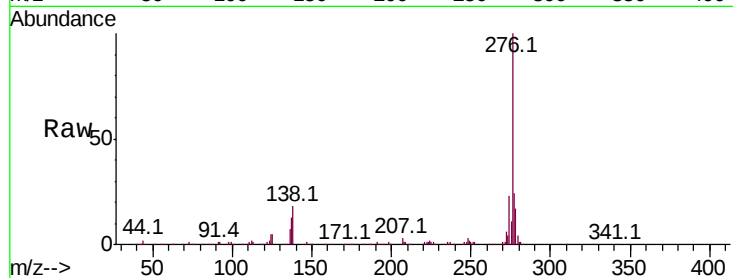
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.834 ng
 RT: 28.53 min Scan# 4296
 Delta R.T. -0.02 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	10.6	15.8#
277	25.5	20.6	30.8

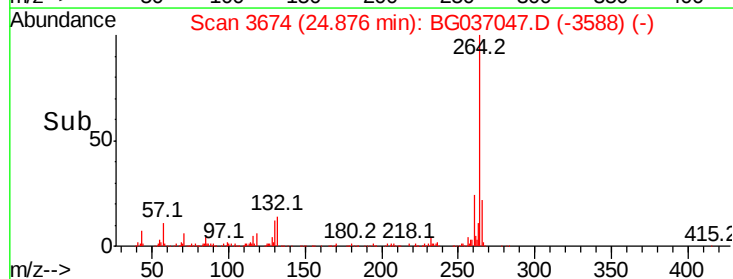
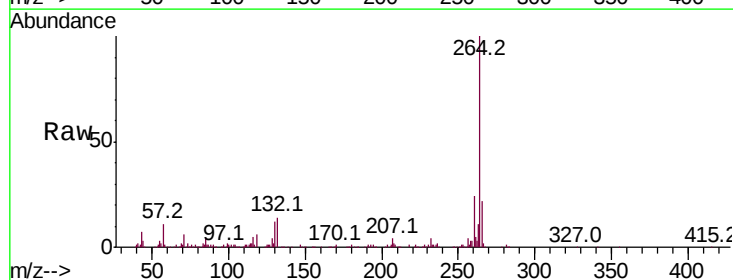
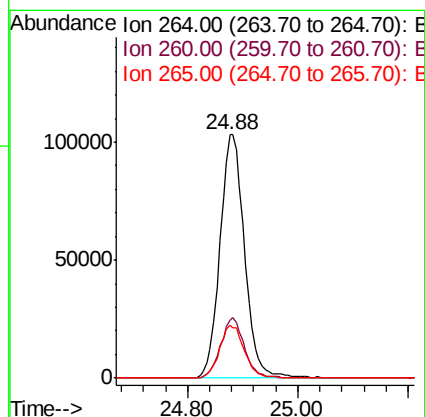
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 45.987 ng

RT: 23.87 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Instrument :

BNA_G

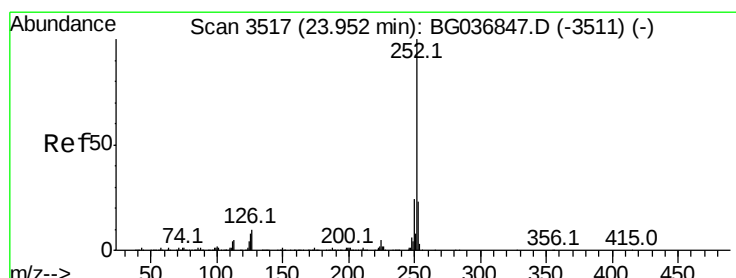
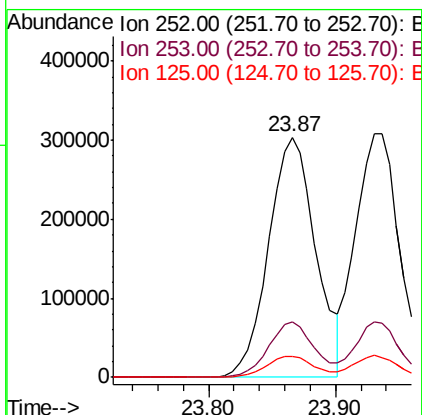
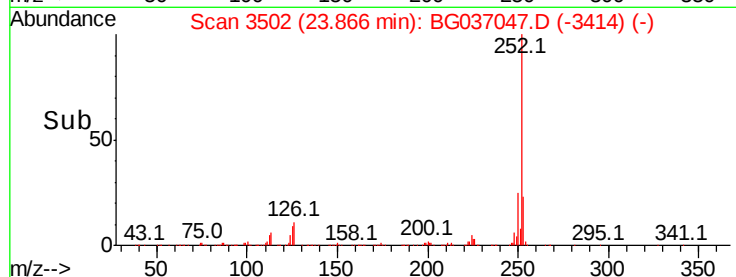
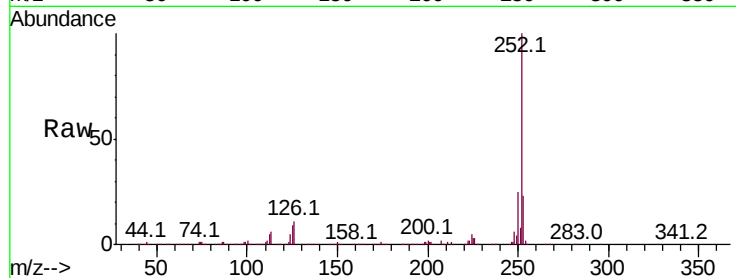
ClientSampleId :

PB113326BS

Tot Ion:	252	Resp:	786865
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	8.6	6.6	10.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.845 ng

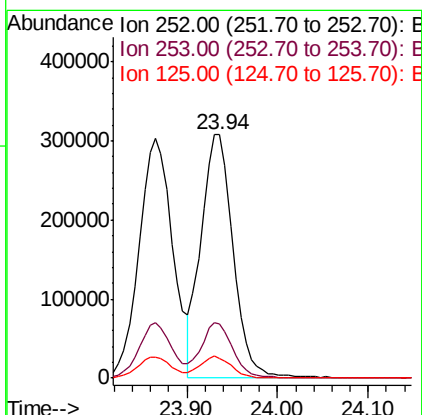
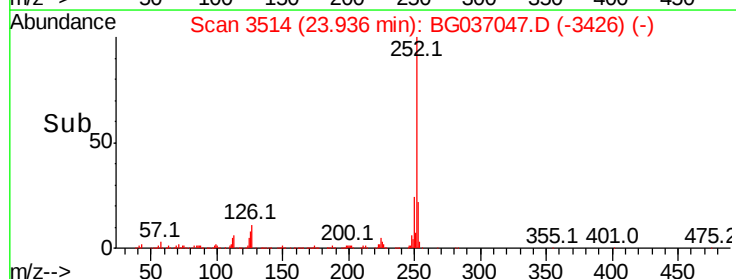
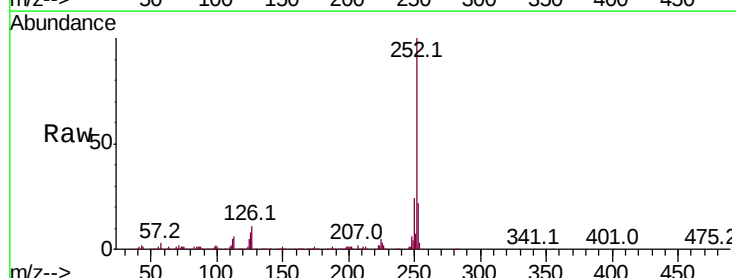
RT: 23.94 min Scan# 3514

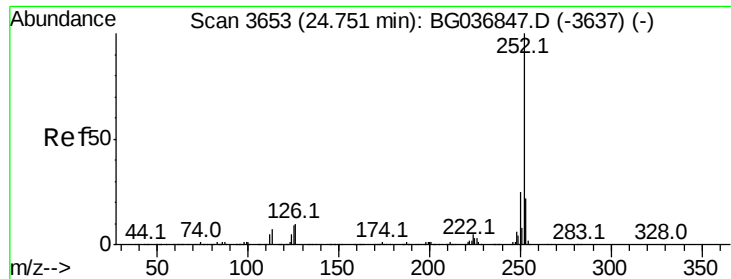
Delta R.T. -0.02 min

Lab File: BG037047.D

Acq: 28 Sep 2018 12:47

Tgt Ion:	252	Resp:	752663
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	8.3	7.0	10.6





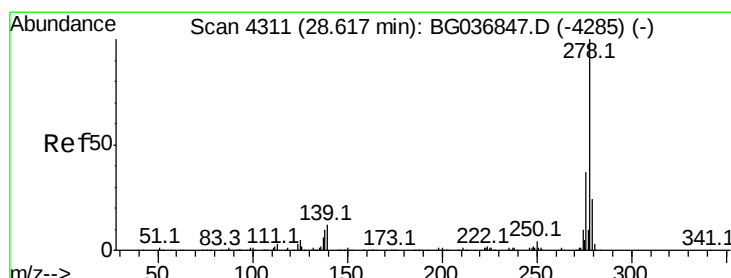
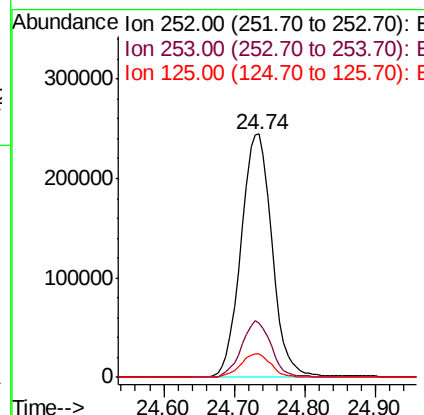
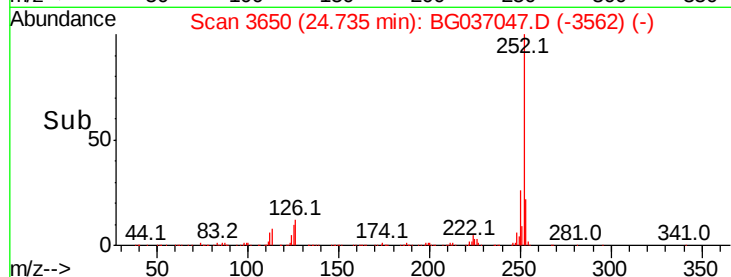
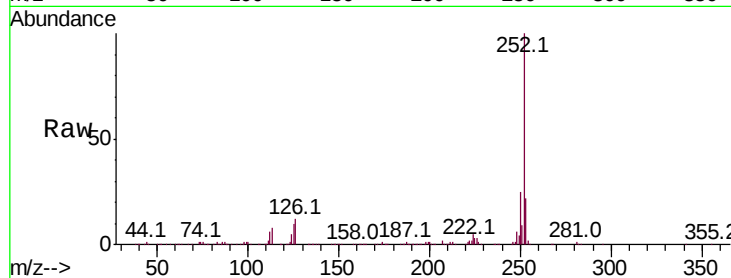
#89
Benzo(a)pyrene
Concen: 45.364 ng
RT: 24.74 min Scan# 3650
Delta R.T. -0.02 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Instrument :
BNA_G
ClientSampleId :
PB113326BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.5	7.3	10.9

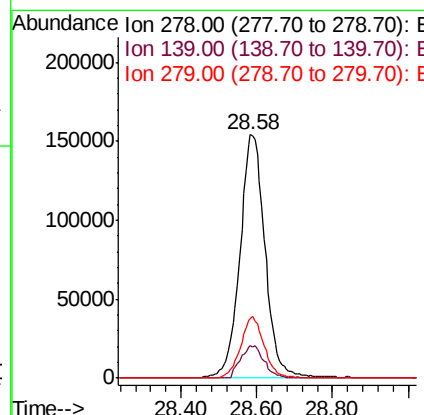
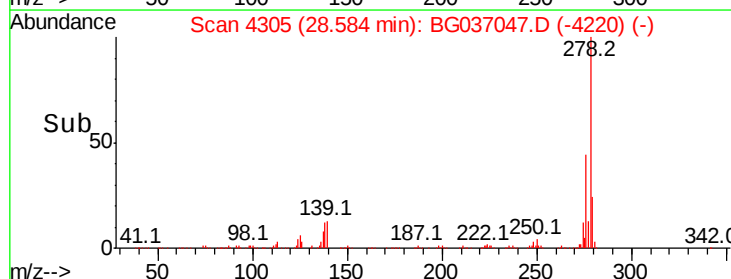
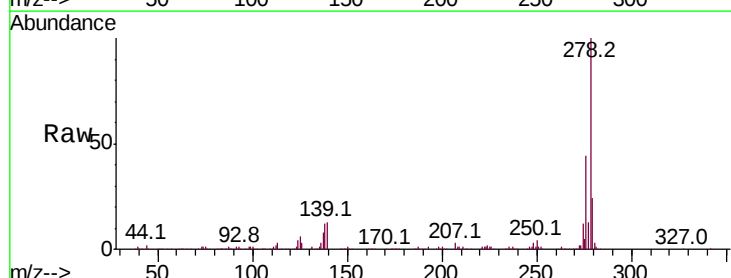
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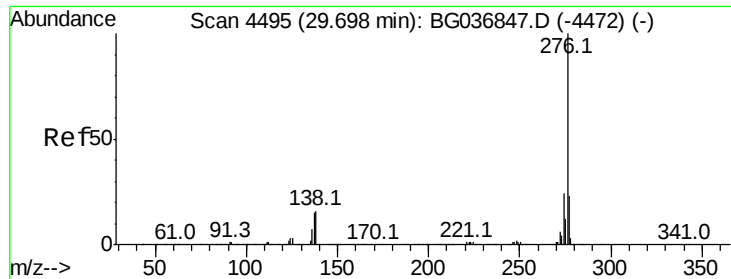
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.117 ng
RT: 28.58 min Scan# 4305
Delta R.T. -0.03 min
Lab File: BG037047.D
Acq: 28 Sep 2018 12:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.0	16.4
279	24.4	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 46.482 ng
 RT: 29.66 min Scan# 4489
 Delta R.T. -0.03 min
 Lab File: BG037047.D
 Acq: 28 Sep 2018 12:47

Instrument :
 BNA_G
 ClientSampleId :
 PB113326BS

Tot Ion:	276	Resp:	723222
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.4	27.6
138	17.1	14.6	22.0

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