

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037364.D
 Acq On : 16 Oct 2018 18:08
 Operator : JU/SJ
 Sample : PB113496BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Manual Integrations
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Sohil
 10/17/2018 2:59:35 PM

Quant Time: Oct 17 01:20:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	74383	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	316316	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	214027	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	515130	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	464859	20.00	ng	-0.01
87) Perylene-d12	25.12	264	492312	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	491552	116.30	ng	0.00
7) Phenol-d6	7.26	99	708764	110.48	ng	0.00
23) Nitrobenzene-d5	9.29	82	575530	119.62	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	261568	124.62	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1351374	94.82	ng	-0.01
79) Terphenyl-d14	20.09	244	2049455	92.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	65064	27.410	ng	98
3) Pyridine	3.93	79	200461	35.568	ng	90
4) n-Nitrosodimethylamine	3.85	42	97585	44.586	ng	# 88
6) Aniline	7.44	93	212849	25.346	ng	97
8) 2-Chlorophenol	7.67	128	254302	51.409	ng	97
9) Benzaldehyde	7.25	77	141413	32.017	ng	98
10) Phenol	7.28	94	347220	51.391	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	230630	41.782	ng	98
12) 1,3-Dichlorobenzene	8.00	146	243676	41.904	ng	98
13) 1,4-Dichlorobenzene	8.15	146	246590	41.884	ng	99
14) 1,2-Dichlorobenzene	8.47	146	241747	42.374	ng	99
15) Benzyl Alcohol	8.35	79	236361	47.102	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	419406	38.435	ng	97
17) 2-Methylphenol	8.55	107	237418	52.468	ng	98
18) Hexachloroethane	9.20	117	87784	43.685	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	197905	40.747	ng	96
20) 3+4-Methylphenols	8.87	107	327662	51.787	ng	98
22) Acetophenone	8.95	105	376124	47.171	ng	98
24) Nitrobenzene	9.33	77	280772	54.484	ng	95
25) Isophorone	9.86	82	569352	51.837	ng	96
26) 2-Nitrophenol	10.04	139	132965	63.386	ng	97
27) 2,4-Dimethylphenol	10.09	122	282960	61.635	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	342975	49.911	ng	96
29) 2,4-Dichlorophenol	10.57	162	282228	60.562	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	261496	46.112	ng	97
31) Naphthalene	10.99	128	779539	50.709	ng	99
32) Benzoic acid	10.23	122	191872	75.691	ng	96
33) 4-Chloroaniline	11.10	127	64887	8.998	ng	95
34) Hexachlorobutadiene	11.25	225	151811	43.109	ng	99
35) Caprolactam	11.89	113	113900m	59.953	ng	
36) 4-Chloro-3-methylphenol	12.20	107	314586	57.159	ng	97
37) 2-Methylnaphthalene	12.58	142	598345	53.334	ng	97
38) 1-Methylnaphthalene	12.80	142	578175	52.767	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	306275	44.189	ng	99

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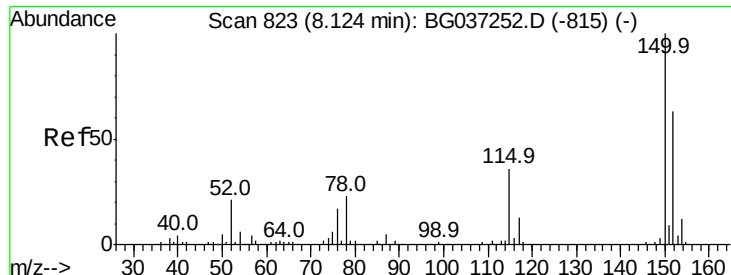
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	368005	128.792	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	241170	59.980	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	262430	60.661	nq	97
46) 1,1'-Biphenyl	13.58	154	788448	44.783	nq	99
47) 2-Chloronaphthalene	13.63	162	615924	46.314	nq	98
48) 2-Nitroaniline	13.83	65	205132	55.859	nq	98
49) Acenaphthylene	14.47	152	1027000	50.482	nq	97
50) Dimethylphthalate	14.20	163	832053	49.469	nq	99
51) 2,6-Dinitrotoluene	14.33	165	185891	56.005	nq	97
52) Acenaphthene	14.82	154	608111	48.393	nq	98
53) 3-Nitroaniline	14.66	138	78056	22.180	nq	97
54) 2,4-Dinitrophenol	14.86	184	149520	177.653	nq	90
55) Dibenzofuran	15.14	168	956697	46.919	nq	98
56) 4-Nitrophenol	14.95	139	342109	124.714	nq	100
57) 2,4-Dinitrotoluene	15.11	165	260481	61.328	nq	97
58) Fluorene	15.80	166	783702	50.820	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	230644	60.218	nq	99
60) Diethylphthalate	15.56	149	850797	48.809	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	417203	46.284	nq	100
62) 4-Nitroaniline	15.83	138	206628	55.941	nq	91
63) Azobenzene	16.07	77	795776	47.616	nq	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	124897	73.812	nq	99
66) n-Nitrosodiphenylamine	16.00	169	738499	48.817	nq	98
67) 4-Bromophenyl-phenylether	16.68	248	270229	48.606	nq	98
68) Hexachlorobenzene	16.78	284	268936	46.656	nq	99
69) Atrazine	16.94	200	289325	51.458	nq	99
70) Pentachlorophenol	17.13	266	347370	93.405	nq	98
71) Phenanthrene	17.54	178	1295892	49.420	nq	97
72) Anthracene	17.63	178	1327196	51.710	nq	96
73) Carbazole	17.90	167	1240695	46.916	nq	98
74) Di-n-butylphthalate	18.44	149	1433704	50.583	nq	99
75) Fluoranthene	19.54	202	1541744	50.305	nq	96
77) Benzidine	19.72	184	355490	19.990	nq	99
78) Pyrene	19.90	202	1528864	50.463	nq	97
80) Butylbenzylphthalate	20.78	149	668722	56.731	nq	96
81) Benzo(a)anthracene	21.76	228	1442814	51.824	nq	94
82) 3,3'-Dichlorobenzidine	21.67	252	255986	23.836	nq	99
83) Chrysene	21.83	228	1331261	50.127	nq	96
84) Bis(2-ethylhexyl)phthalate	21.64	149	933205	55.133	nq	96
85) Di-n-octyl phthalate	22.89	149	1561618	56.842	nq	99
86) Indeno(1,2,3-cd)pyrene	28.97	276	1650251	56.061	nq	98
88) Benzo(b)fluoranthene	24.06	252	1492393	55.757	nq	99
89) Benzo(k)fluoranthene	24.13	252	1355557	51.324	nq	96
90) Benzo(a)pyrene	24.97	252	1413520	55.074	nq	98
91) Dibenzo(a,h)anthracene	29.04	278	1326497	54.016	nq	96
92) Benzo(g,h,i)perylene	30.17	276	1361020	55.491	nq	98

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



#1

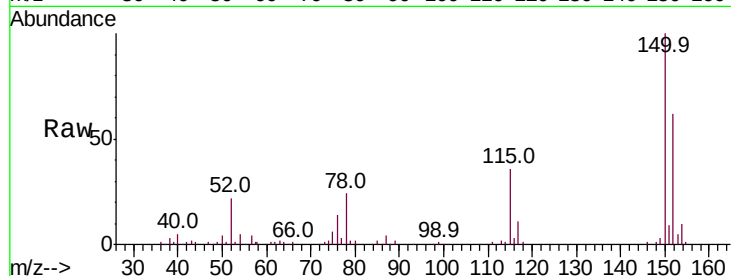
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.0	189.0
115	58.1	45.5	68.3

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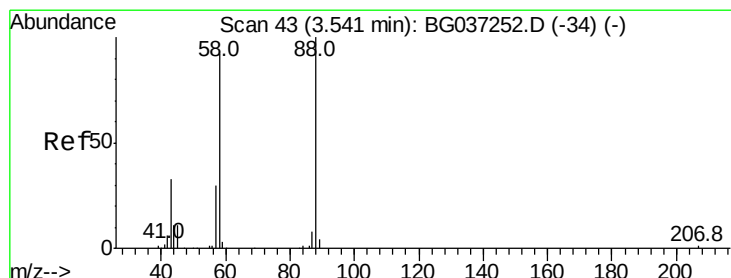
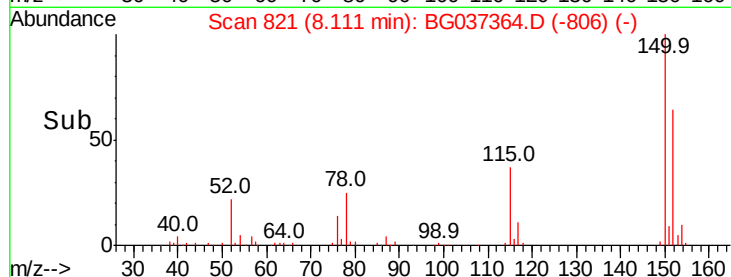
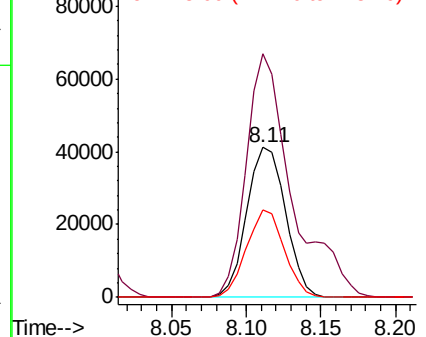


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.410 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

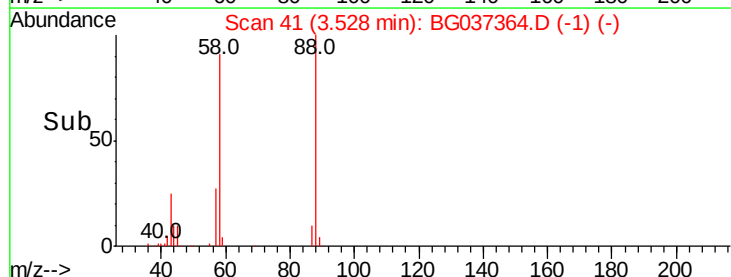
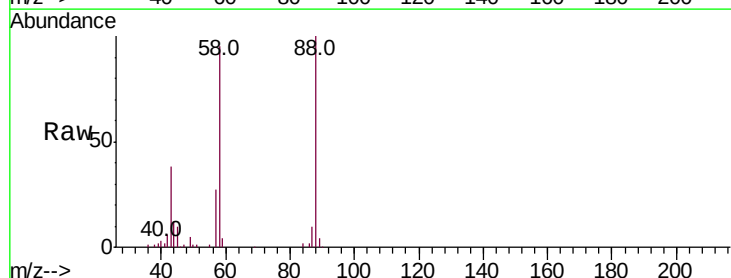
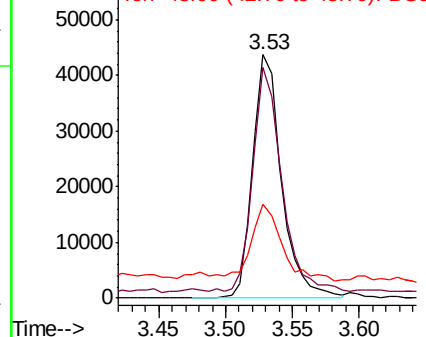
Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.8	74.4	111.6
43	33.1	25.8	38.8

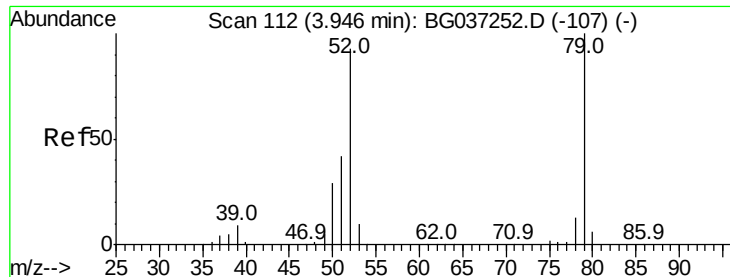
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.568 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

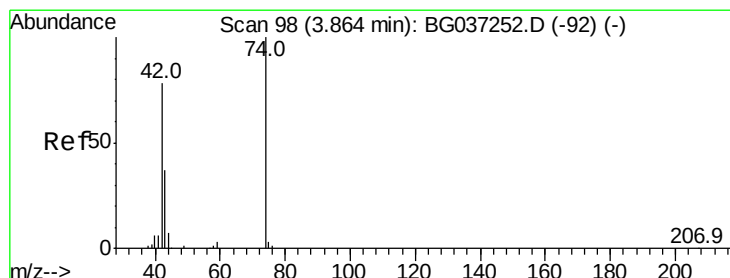
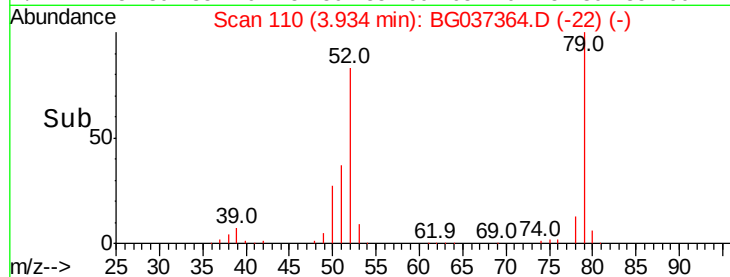
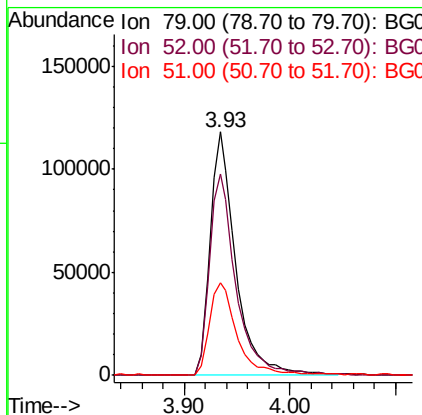
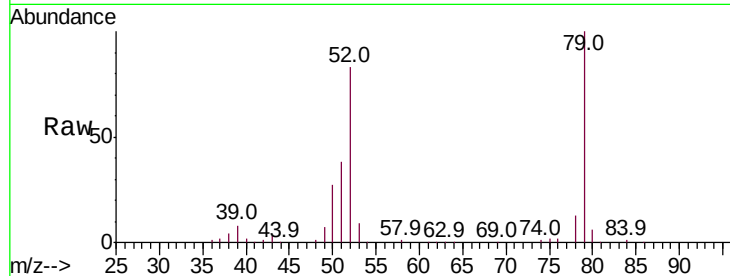
ClientSampleId :

PB113496BSD

Tot Ion:	79	Resp:	200461
Ion Ratio	Lower	Upper	
79	100		
52	82.7	74.2	111.2
51	38.0	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 44.586 ng

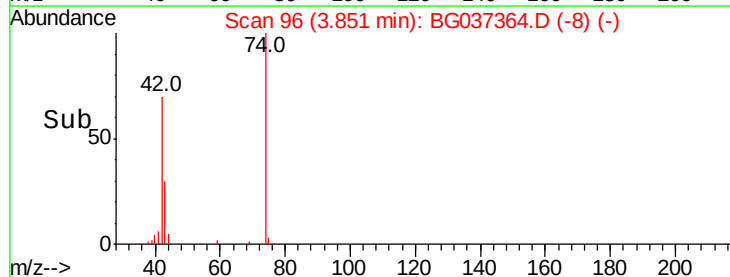
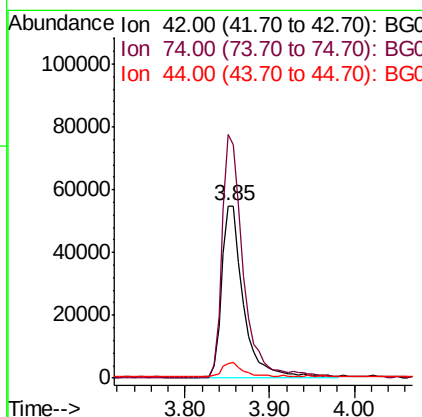
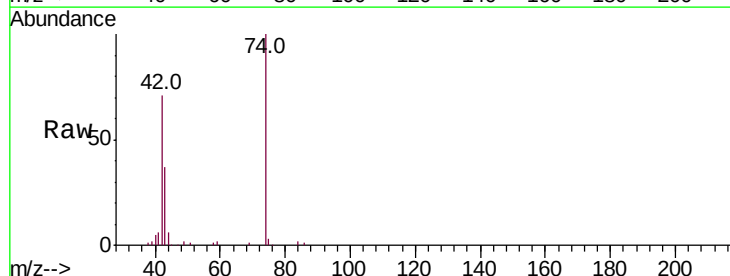
RT: 3.85 min Scan# 96

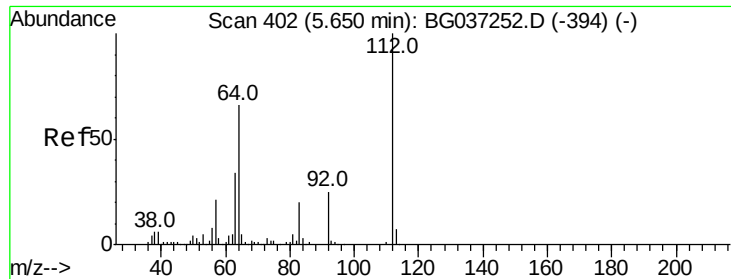
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion:	42	Resp:	97585
Ion Ratio	Lower	Upper	
42	100		
74	141.4	102.0	153.0
44	8.7	9.6	14.4#





#5

2-Fluorophenol

Concen: 116.301 ng

RT: 5.65 min Scan# 402

Delta R.T. -0.00 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

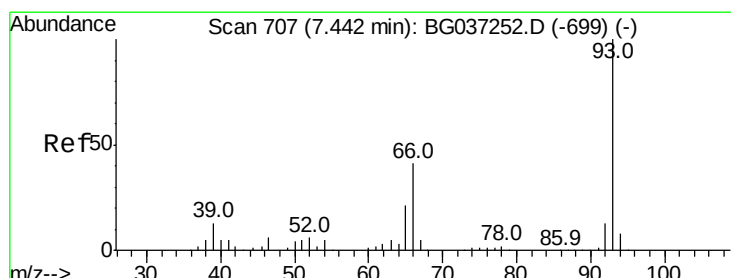
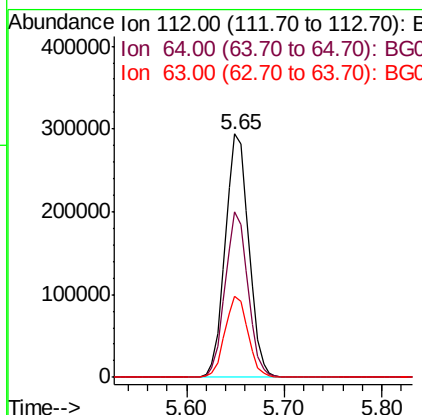
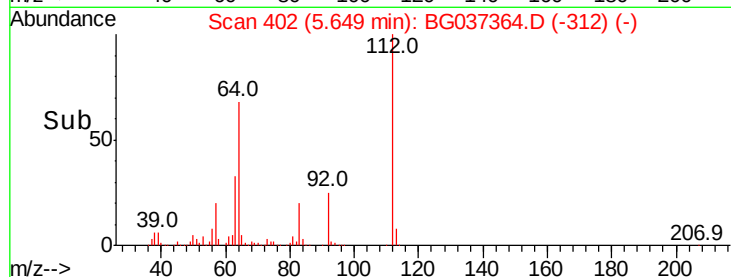
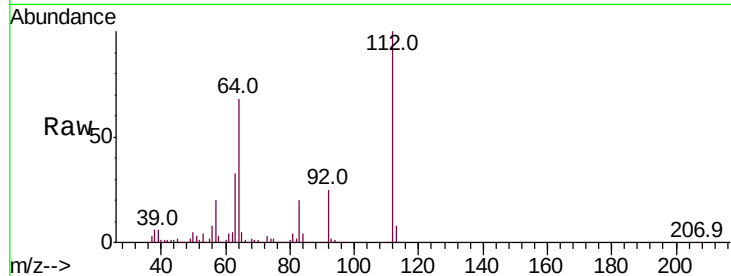
ClientSampleId :

PB113496BSD

Tot Ion:	112	Resp:	491552
Ion Ratio	Lower	Upper	
112	100		
64	68.1	53.1	79.7
63	33.3	27.3	40.9

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#6

Aniline

Concen: 25.346 ng

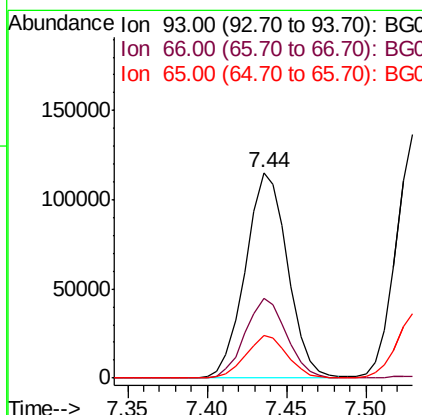
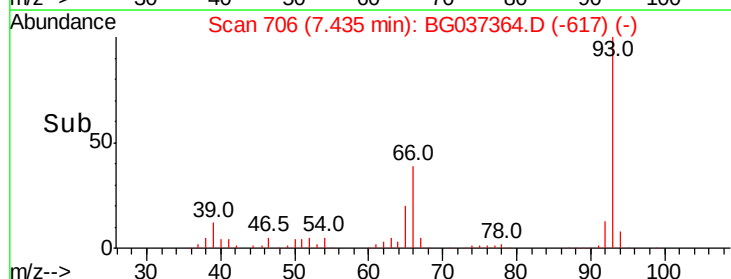
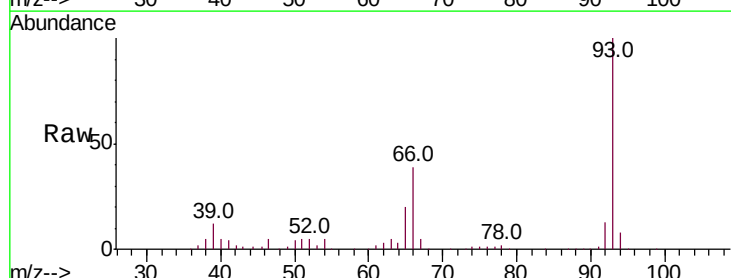
RT: 7.44 min Scan# 706

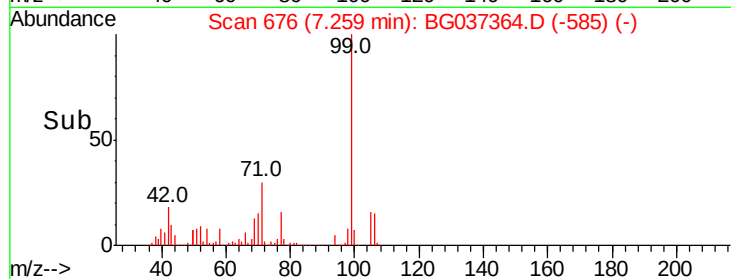
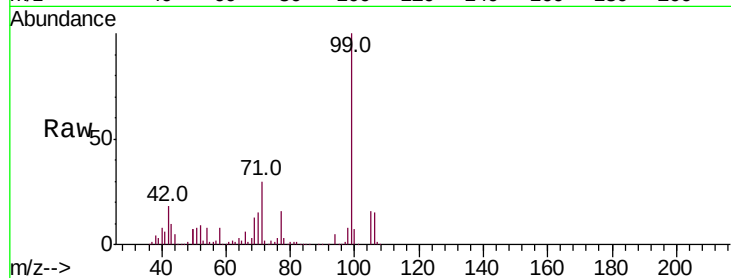
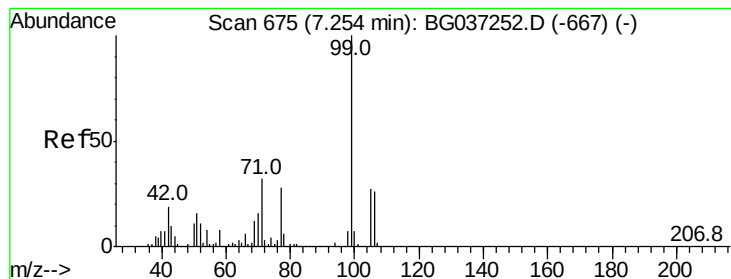
Delta R.T. -0.01 min

Lab File: BG037364.D

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Tgt Ion:	93	Resp:	212849
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.8	49.2
65	20.4	16.4	24.6





#7

Phenol-d6

Concen: 110.482 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tot Ion	99	Resp	708764
Ion Ratio	Lower	Upper	
99	100		
42	17.9	15.0	22.4
71	30.5	25.5	38.3

Instrument :

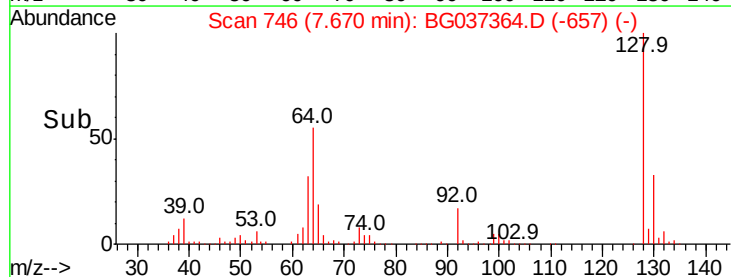
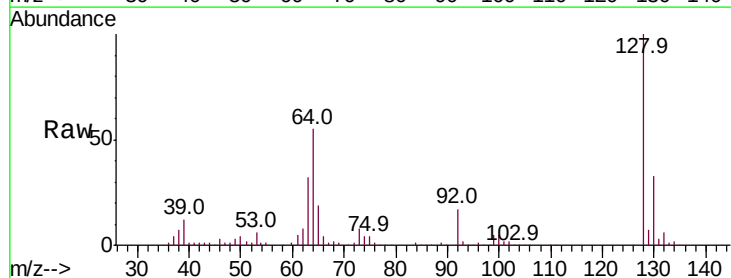
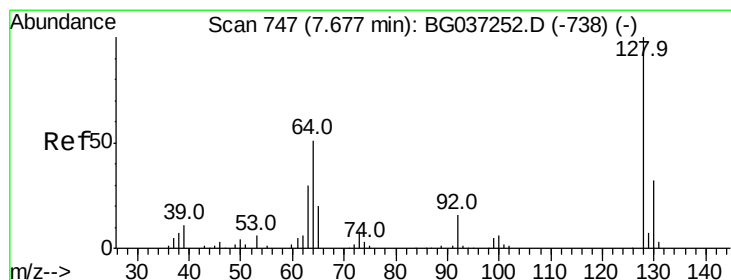
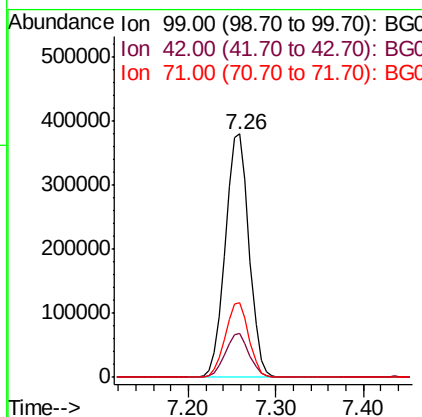
BNA_G

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#8

2-Chlorophenol

Concen: 51.409 ng

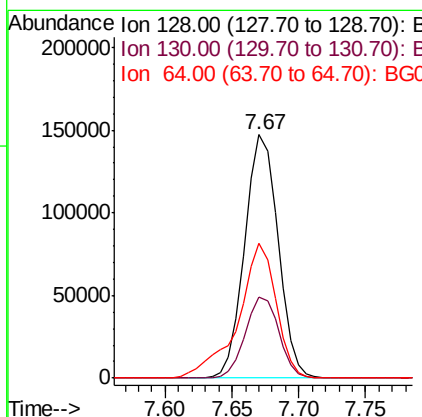
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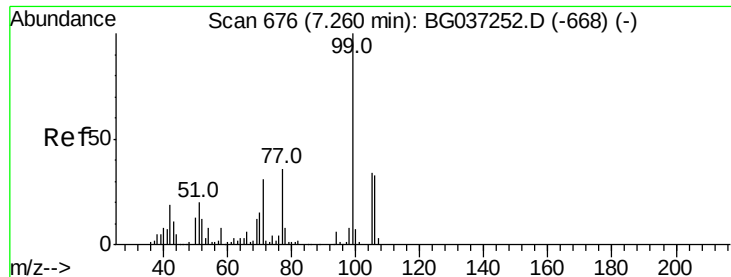
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion	128	Resp	254302
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.0	52.0
64	55.2	32.9	72.9





#9

Benzaldehyde

Concen: 32.017 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

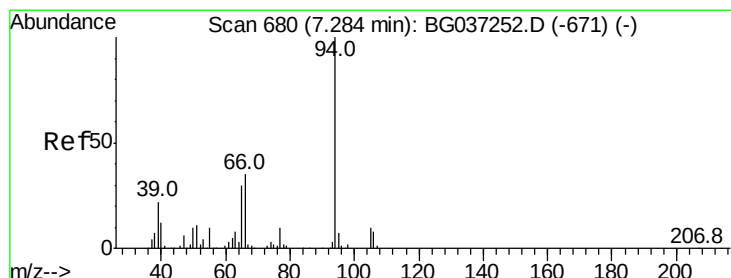
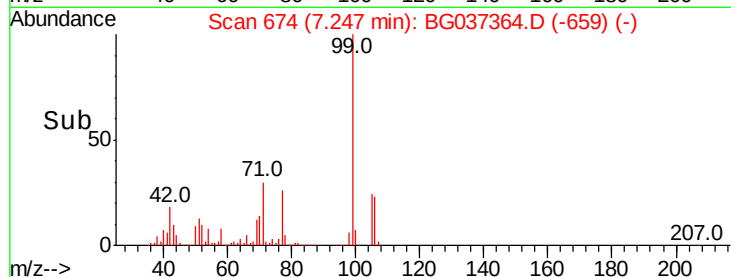
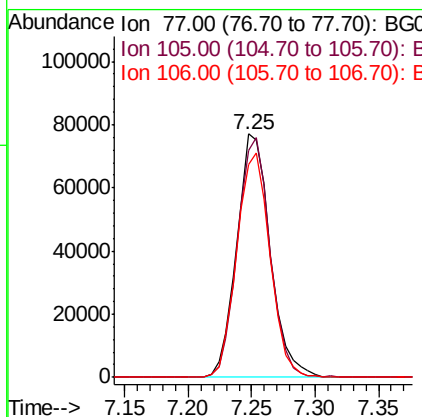
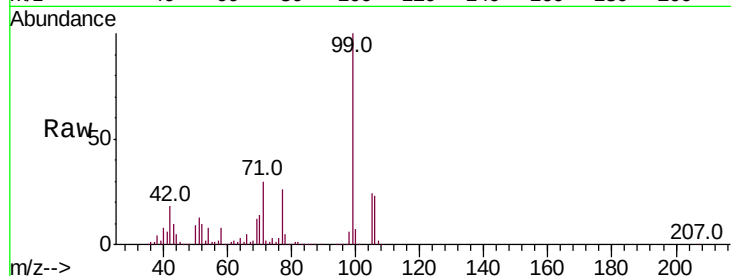
ClientSampled :

PB113496BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.4	72.6	112.6
106	87.3	71.3	111.3

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#10

Phenol

Concen: 51.391 ng

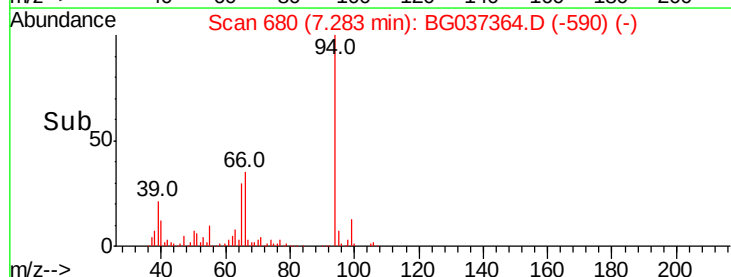
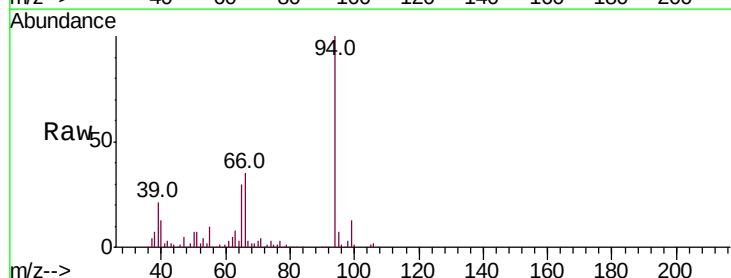
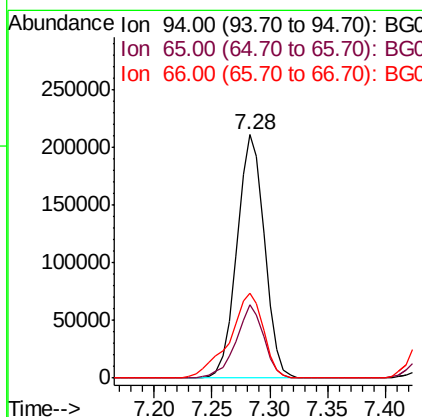
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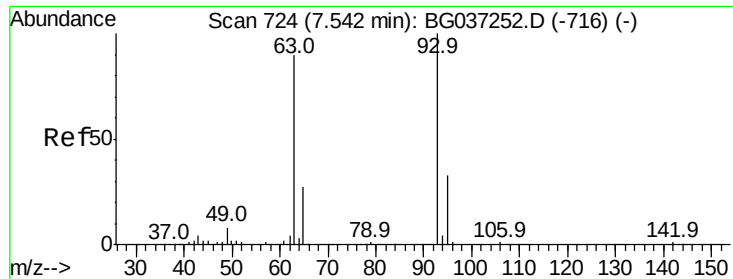
Delta R.T. -0.00 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	9.7	49.7
66	34.8	15.9	55.9





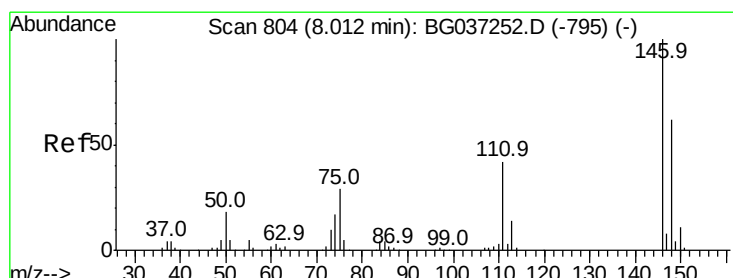
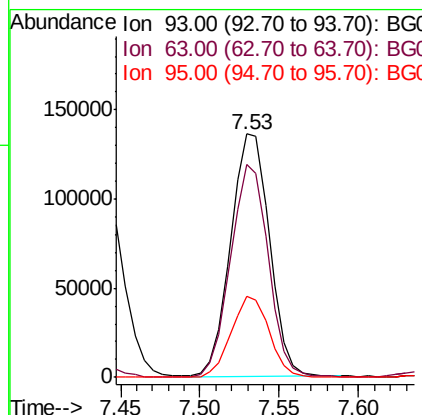
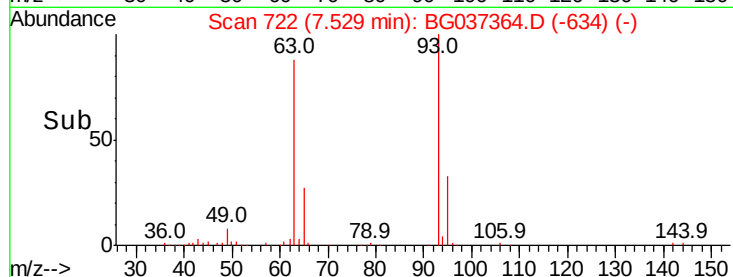
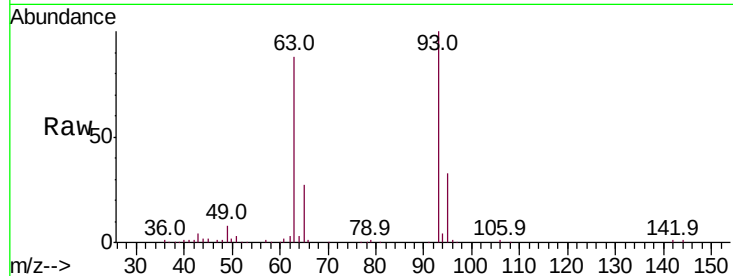
#11
bis(2-Chloroethyl)ether
Concen: 41.782 ng
RT: 7.53 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion:	93	Resp:	230630
Ion Ratio	Lower	Upper	
93	100		
63	87.6	69.5	109.5
95	33.4	12.6	52.6

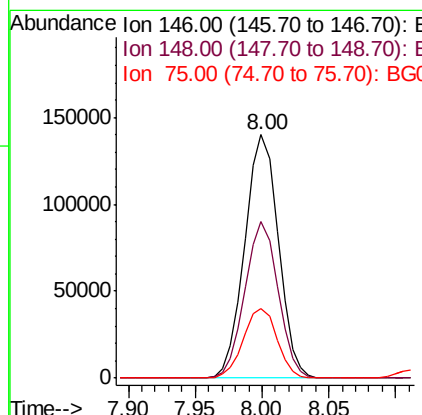
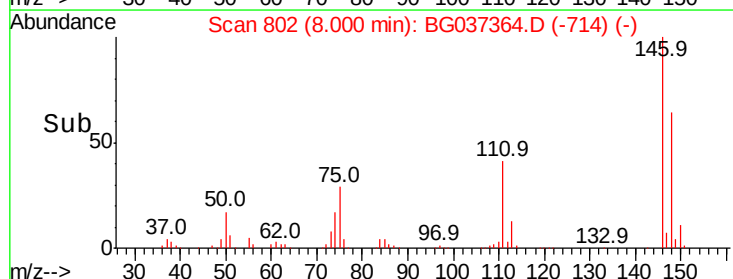
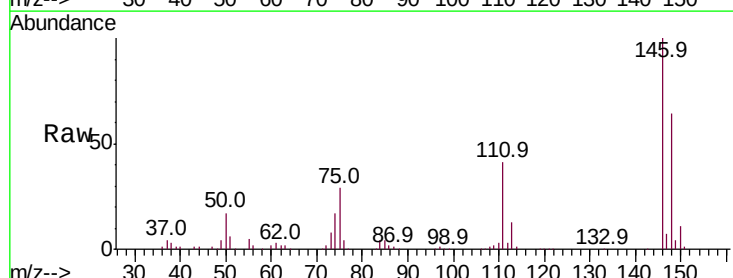
Manual Integrations
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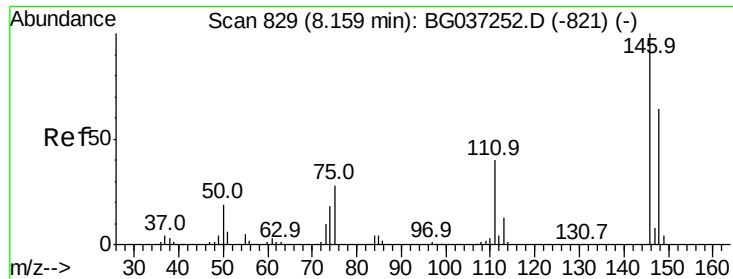
Sohil
10/17/2018 2:59:35 PM



#12
1,3-Dichlorobenzene
Concen: 41.904 ng
RT: 8.00 min Scan# 802
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion:	146	Resp:	243676
Ion Ratio	Lower	Upper	
146	100		
148	64.2	49.8	74.8
75	28.6	23.2	34.8





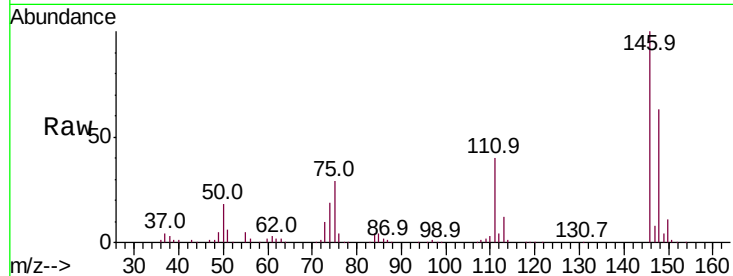
#13
 1,4-Dichlorobenzene
 Concen: 41.884 ng
 RT: 8.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.6
111	39.8	32.4	48.6

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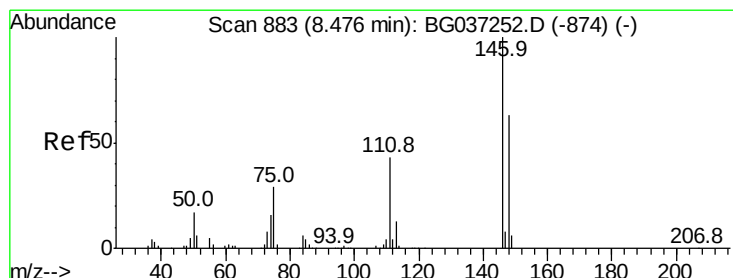
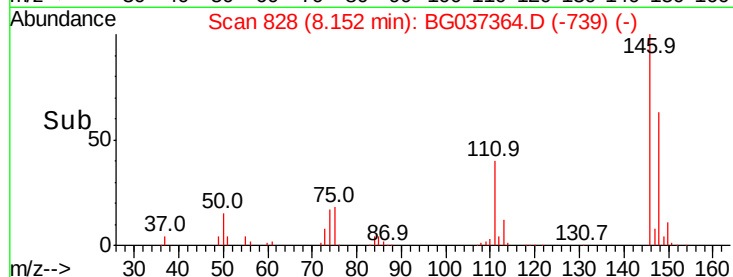
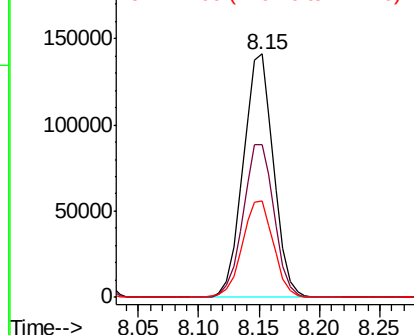


Abundance

Ion 146.00 (145.70 to 146.70): E

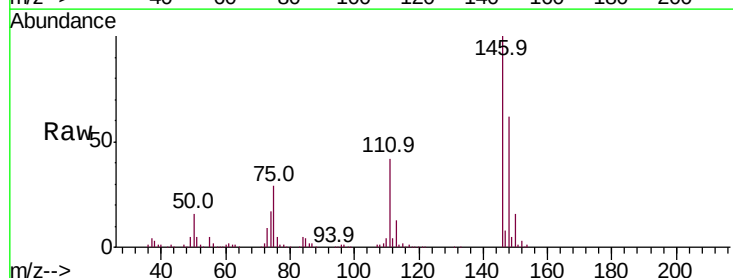
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.374 ng
 RT: 8.47 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.4	75.6
111	41.8	34.6	51.8

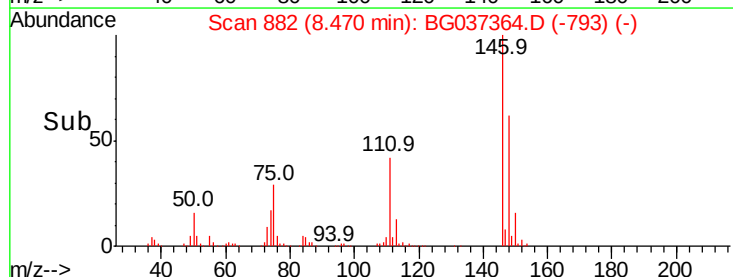
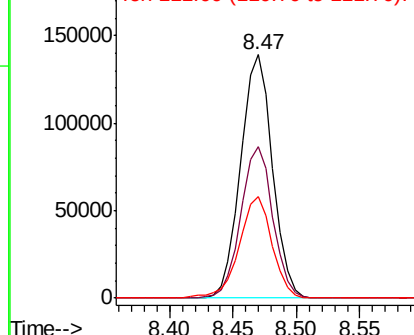


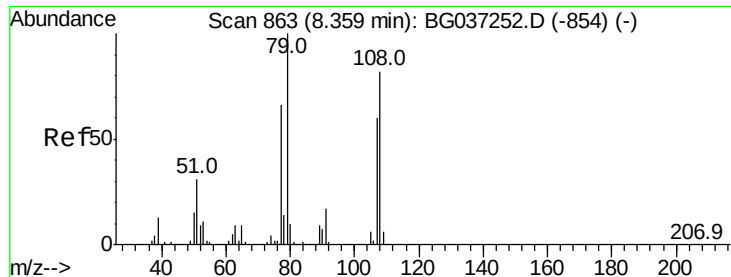
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.102 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

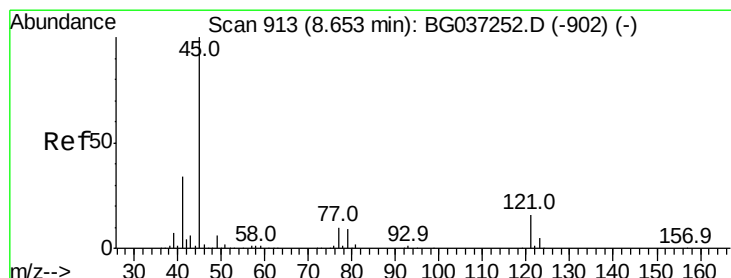
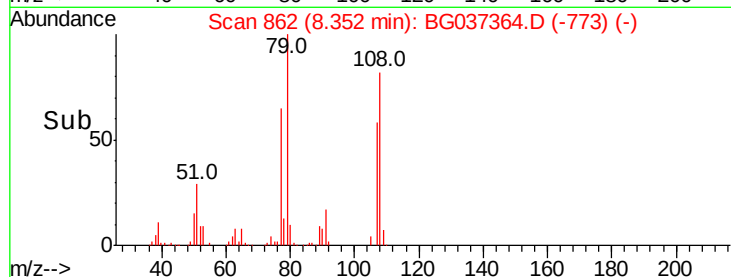
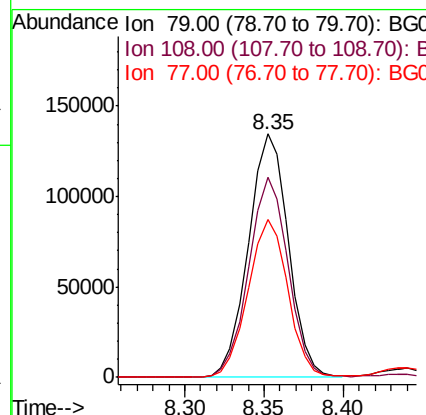
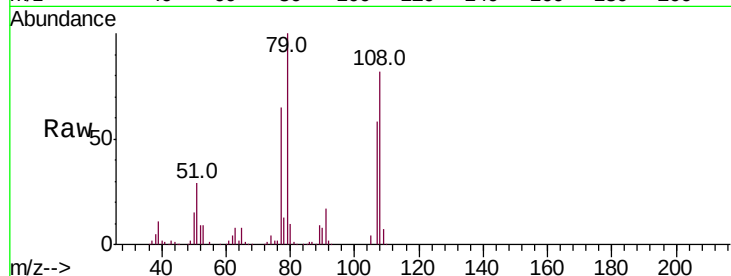
ClientSampleId :

PB113496BSD

Tot Ion	79	108	77
Ratio	100	82.4	65.1
Lower		65.8	52.9
Upper		98.8	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.435 ng

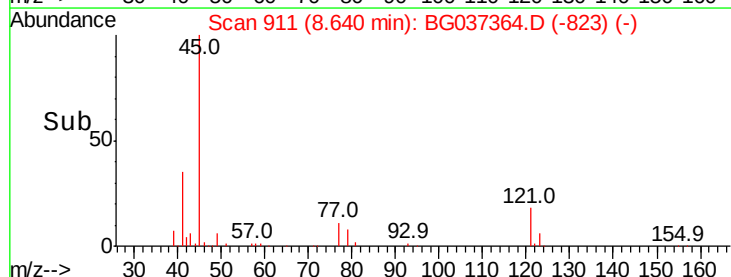
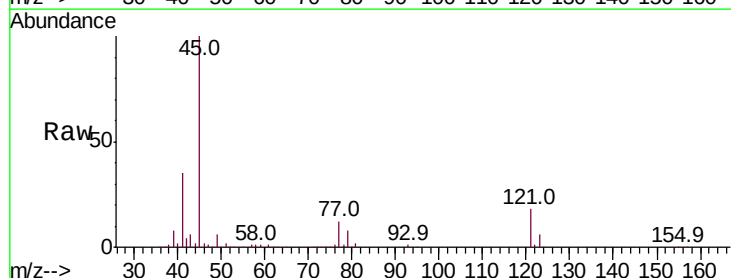
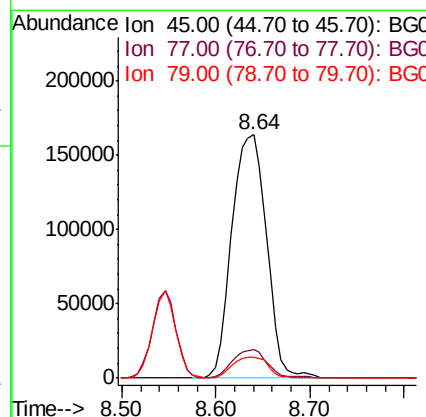
RT: 8.64 min Scan# 911

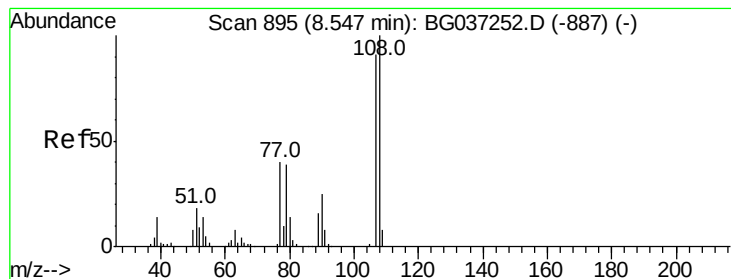
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion	45	77	79
Ratio	100	11.6	8.4
Lower		0.0	0.0
Upper		30.0	29.0





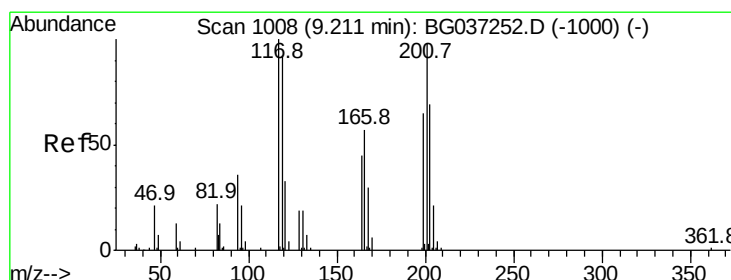
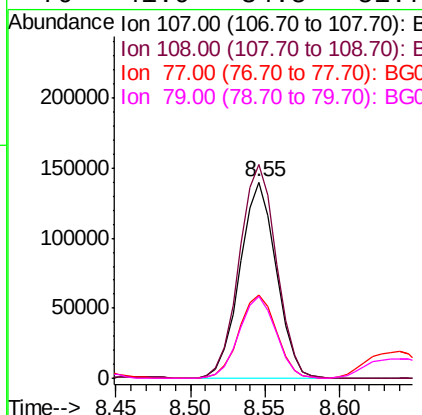
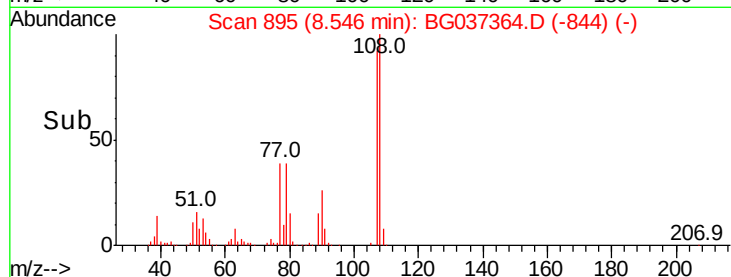
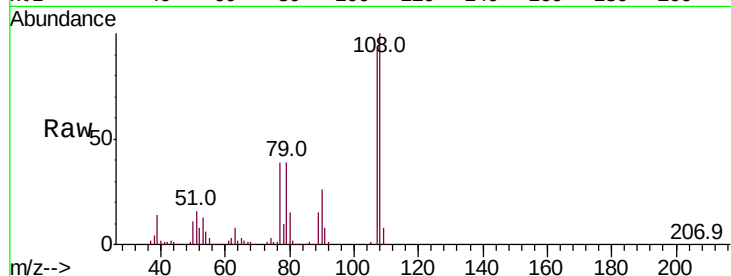
#17
2-Methylphenol
Concen: 52.468 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.9	87.9	131.9	
77	42.2	35.1	52.7	
79	41.9	34.5	51.7	

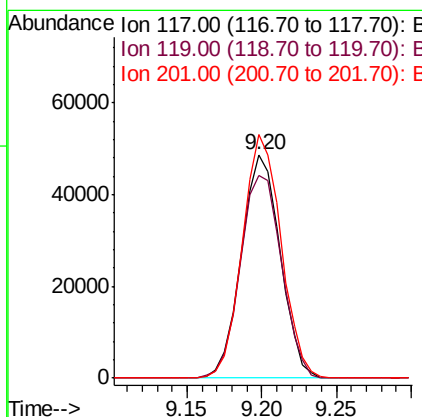
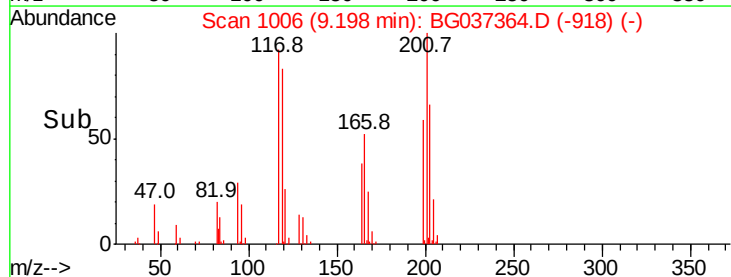
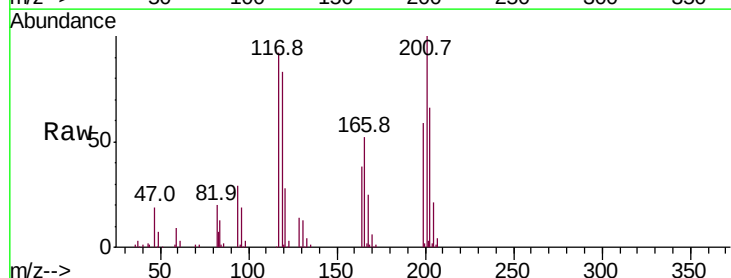
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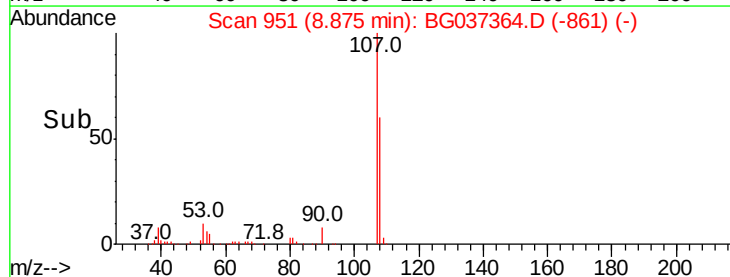
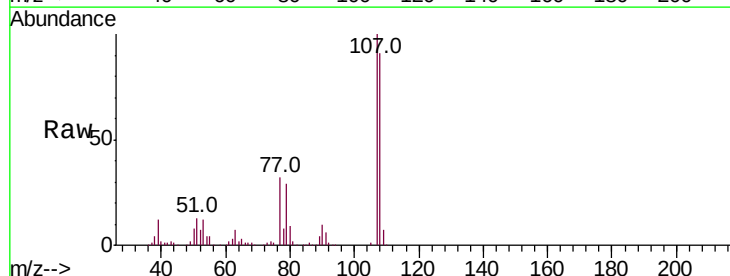
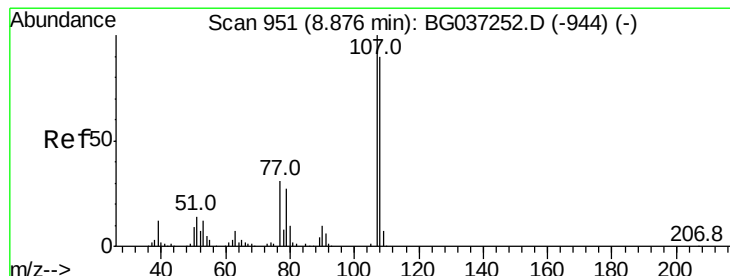
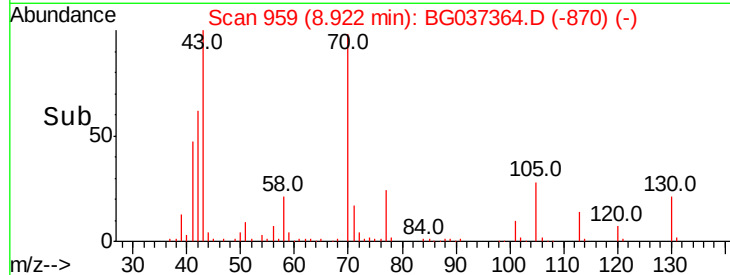
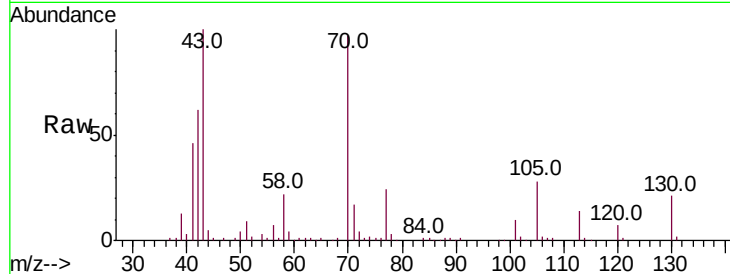
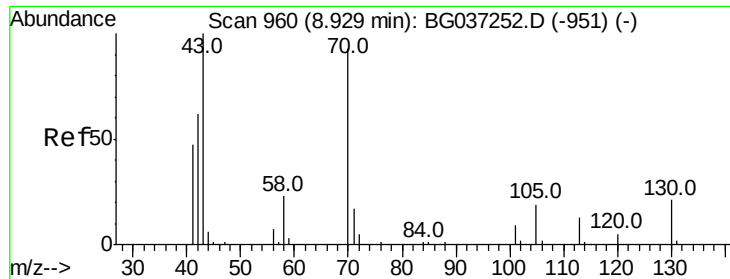
Sohil
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#18
Hexachloroethane
Concen: 43.685 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

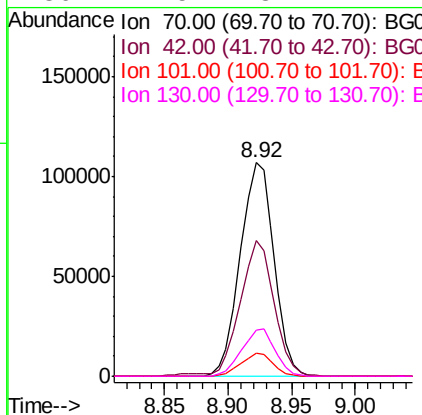
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.8	74.6	111.8	
201	109.0	80.8	121.2	





#19
n-Nitroso-di-n-propylamine
Concen: 40.747 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		197905		
42	63.7	53.9	80.9		
101	10.6	8.2	12.2		
130	21.5	18.2	27.4		



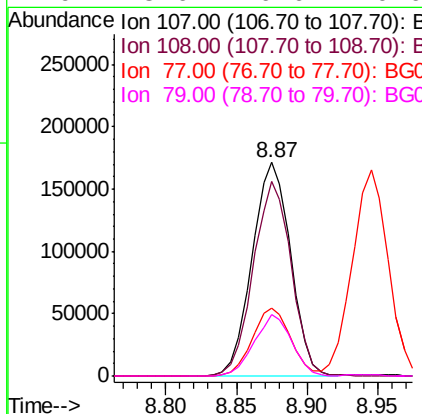
Instrument :
BNA_G
ClientSampleId :
PB113496BSD

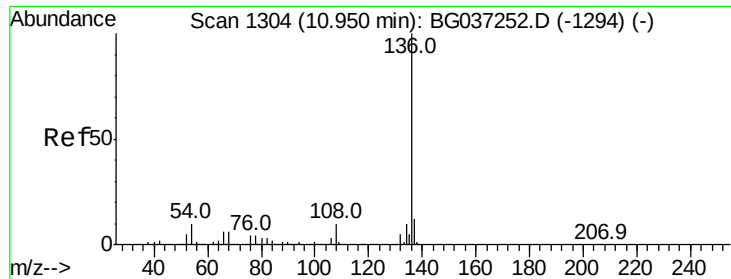
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#20
3+4-Methylphenols
Concen: 51.787 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		327662		
108	91.3	69.9	109.9		
77	32.0	11.2	51.2		
79	28.6	6.6	46.6		





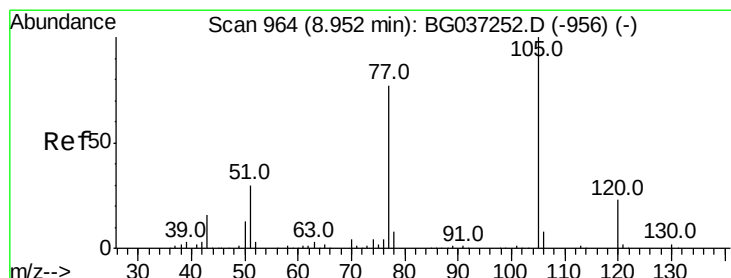
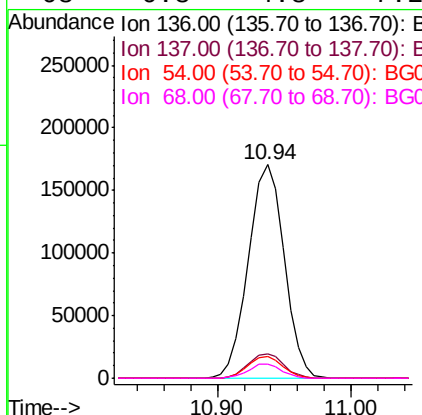
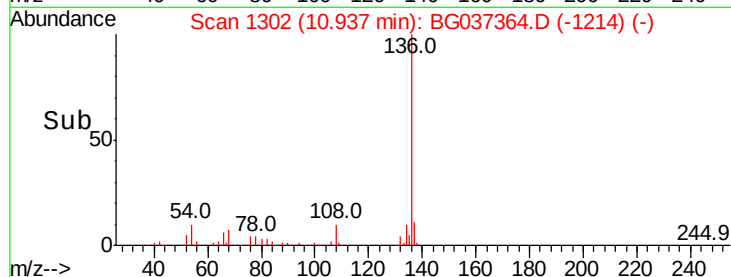
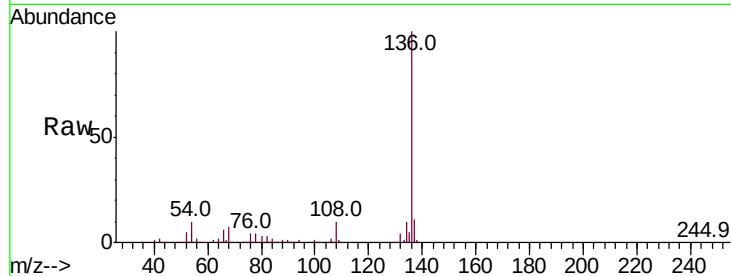
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.6	14.4	
54	10.3	7.9	11.9	
68	6.8	4.8	7.2	

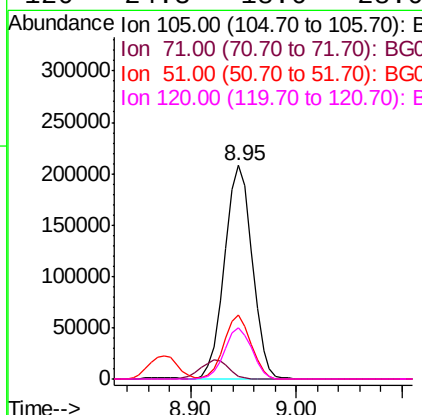
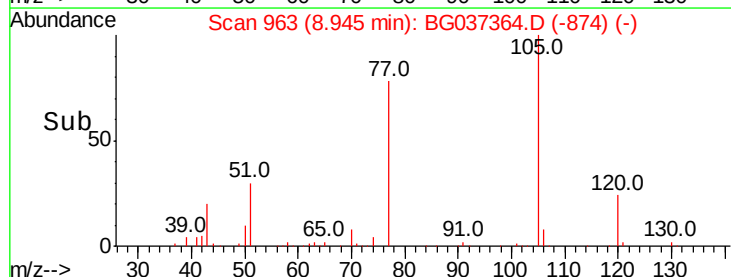
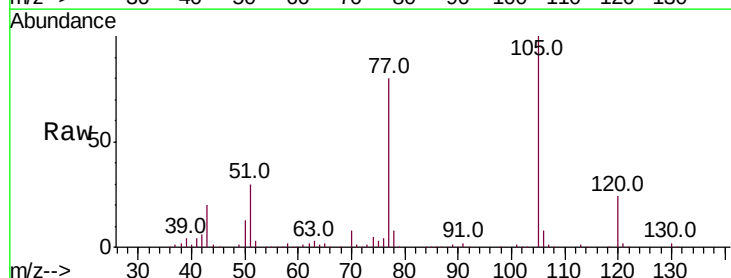
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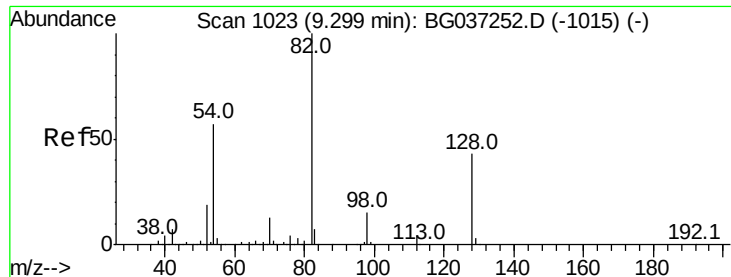
Sohil
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#22
Acetophenone
Concen: 47.171 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	1.2	1.8	
51	30.2	25.0	37.6	
120	24.3	18.6	28.0	





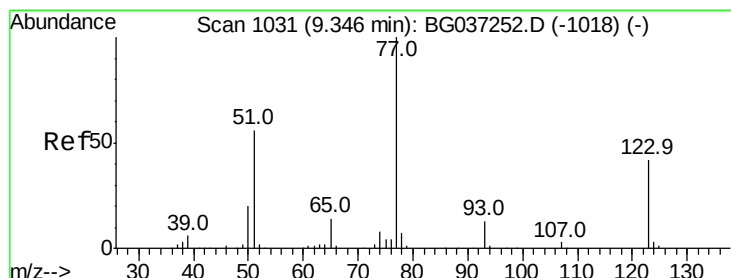
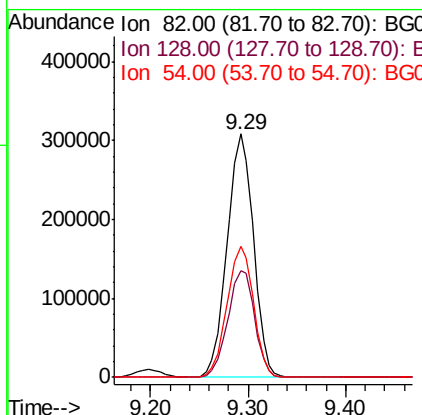
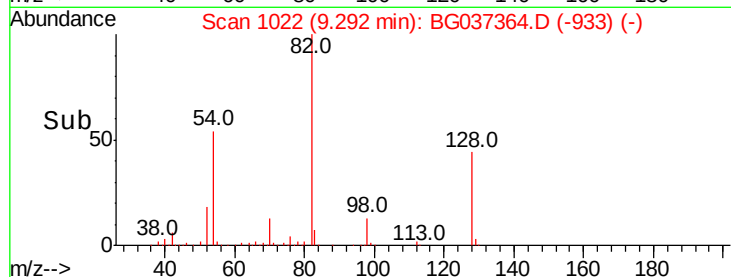
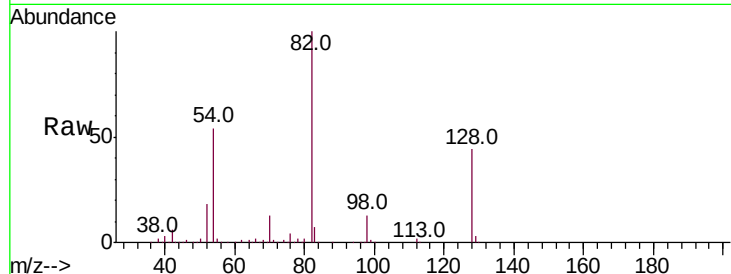
#23
Nitrobenzene-d5
Concen: 119.621 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	53.8	45.3	67.9

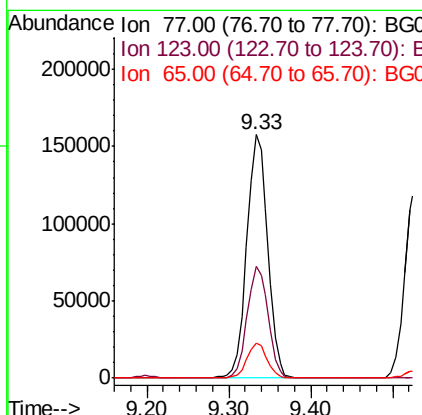
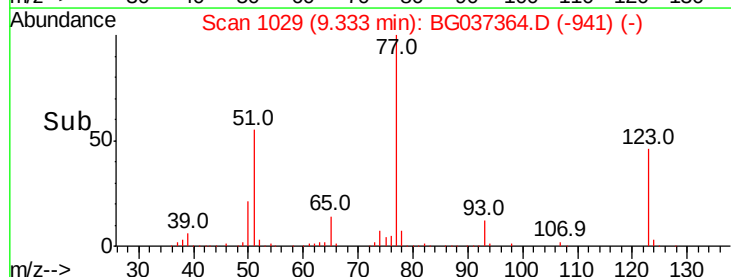
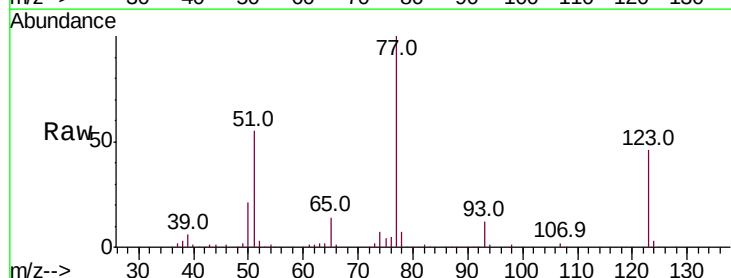
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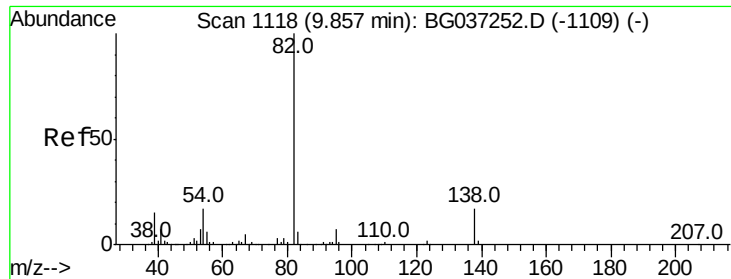
Sohil
10/17/2018 2:59:35 PM



#24
Nitrobenzene
Concen: 54.484 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	33.6	50.4
65	14.3	11.3	16.9





#25

Isophorone

Concen: 51.837 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

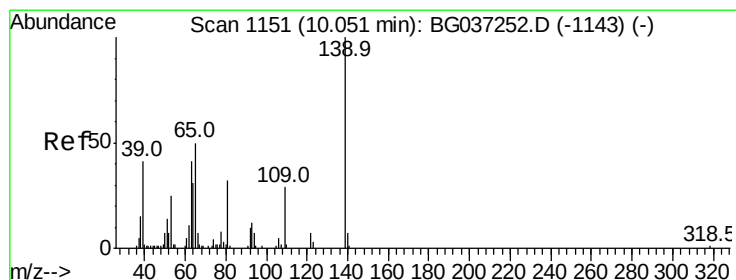
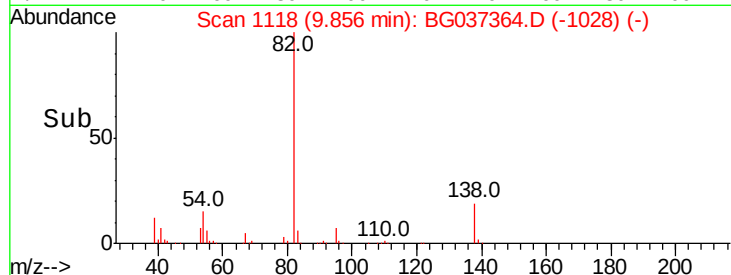
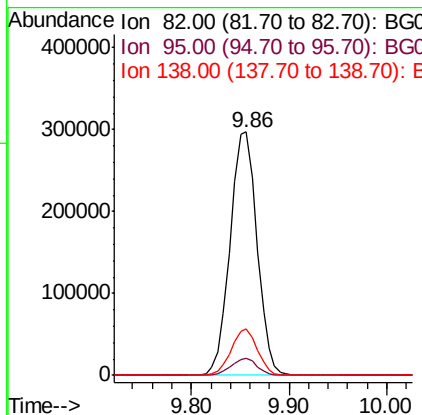
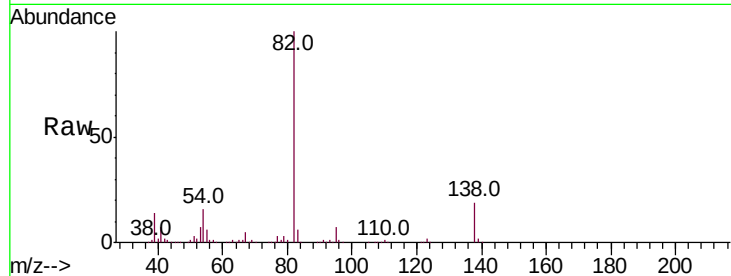
ClientSampleId :

PB113496BSD

Tot Ion	82	Resp	569352
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	18.9	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 63.386 ng

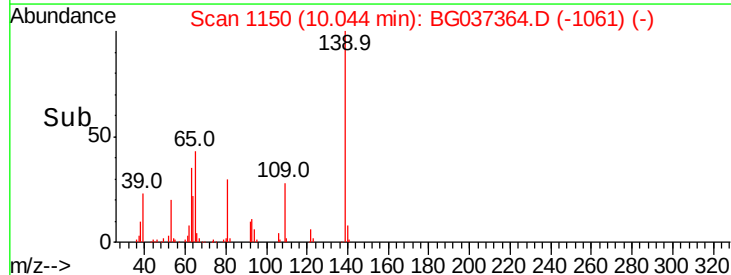
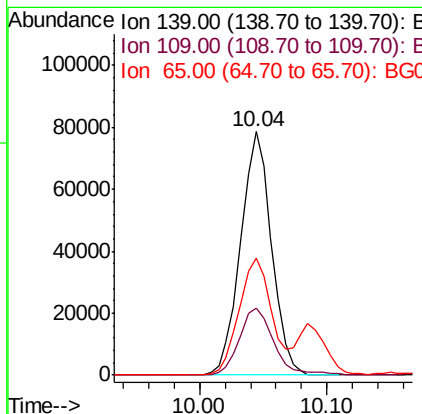
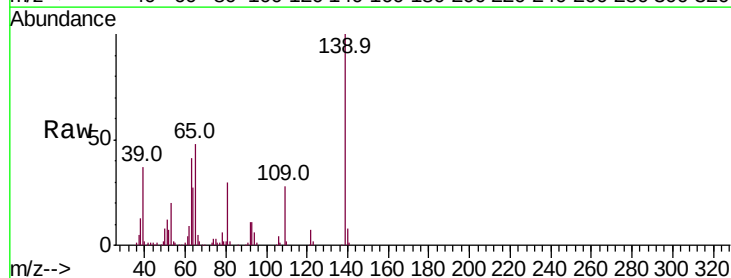
RT: 10.04 min Scan# 1150

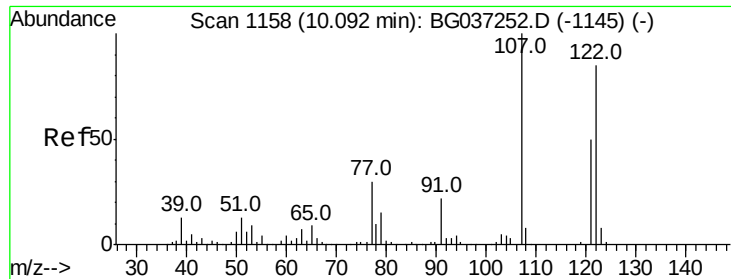
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion	139	Resp	132965
Ion Ratio	Lower	Upper	
139	100		
109	27.7	23.3	34.9
65	48.0	39.8	59.8





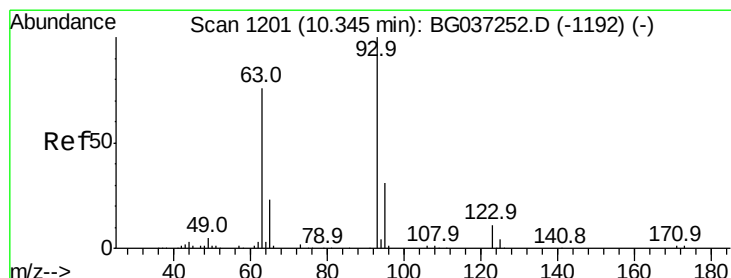
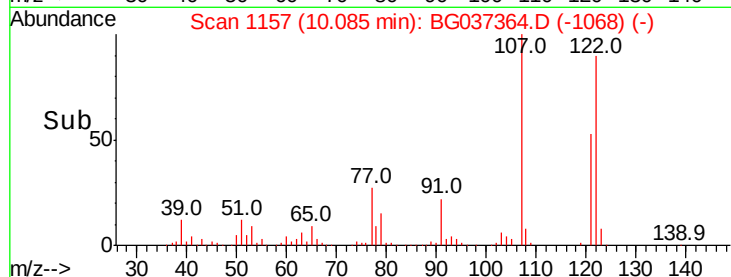
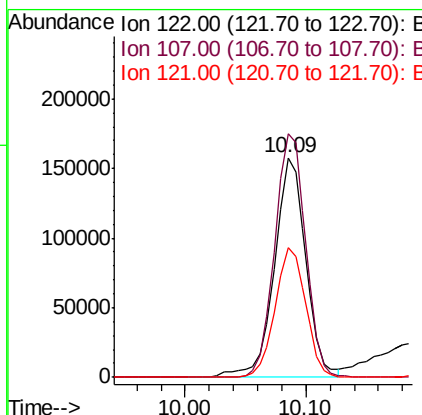
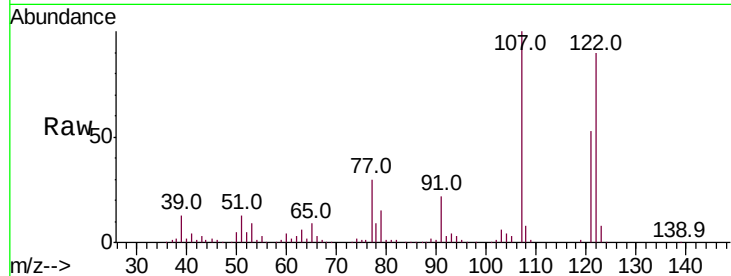
#27
2,4-Dimethylphenol
Concen: 61.635 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	282960		
107	111.0	94.2	141.2	
121	59.2	47.3	70.9	

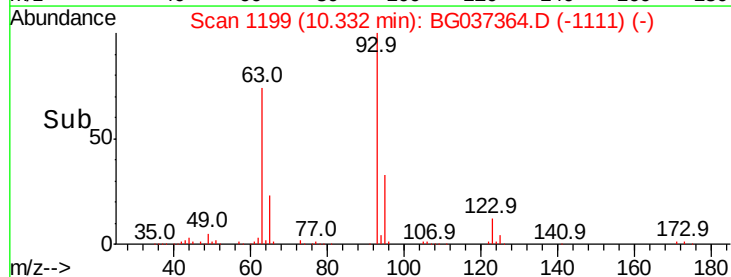
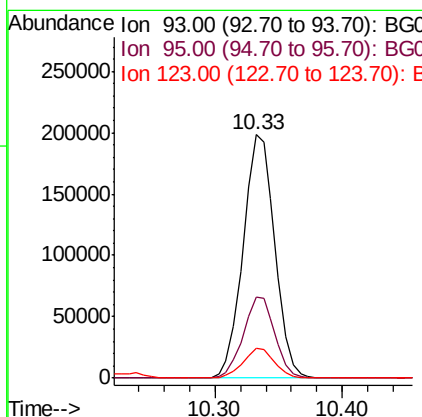
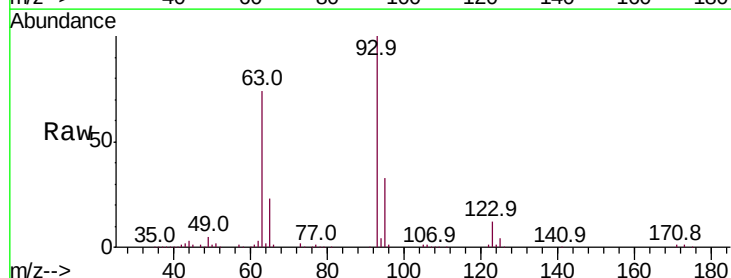
Manual Integrations
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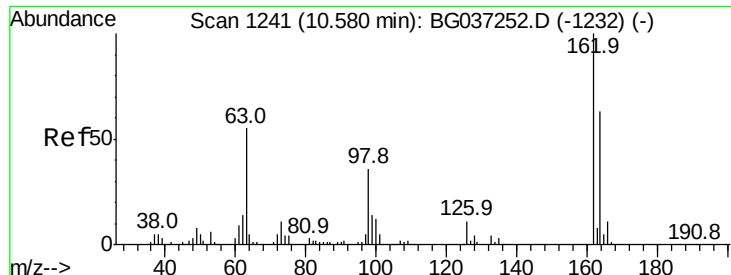
Sohil
10/17/2018 2:59:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.911 ng
RT: 10.33 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	342975		
95	33.2	24.6	37.0	
123	12.3	9.1	13.7	





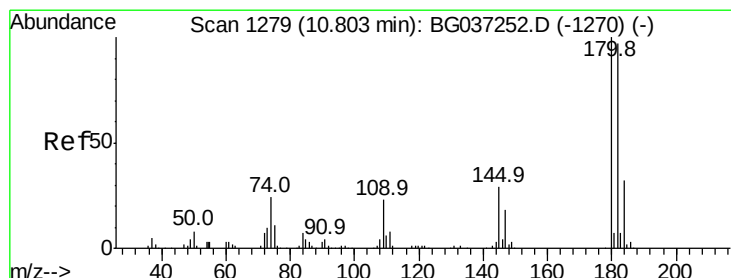
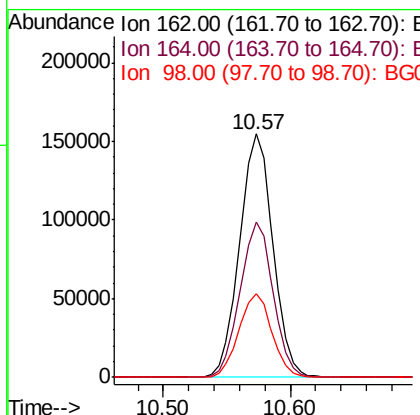
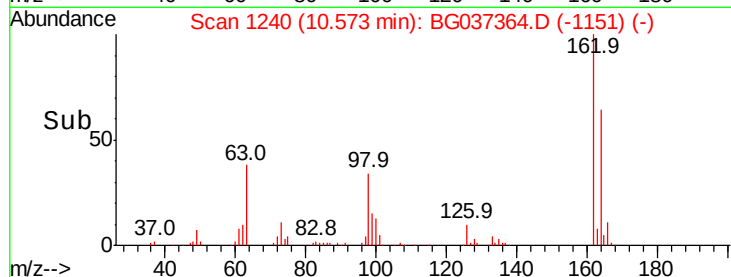
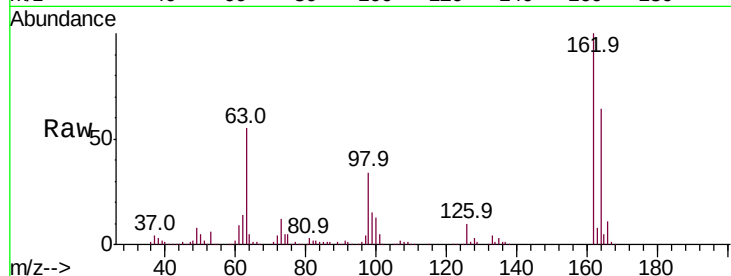
#29
 2,4-Dichlorophenol
 Concen: 60.562 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	282228		
164	64.0	43.2	83.2	
98	34.3	16.0	56.0	

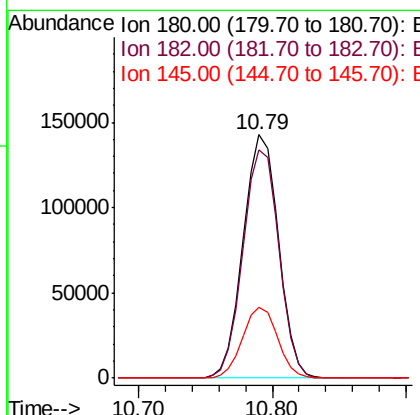
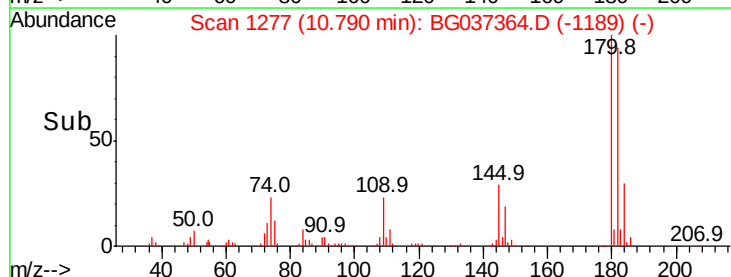
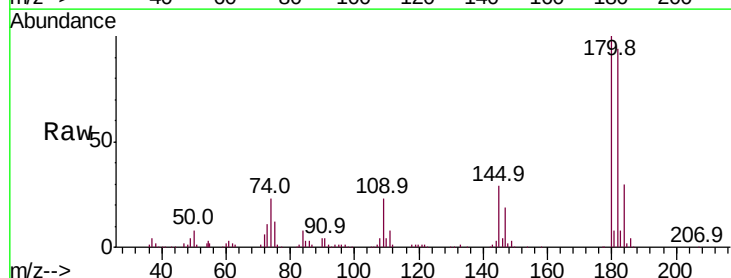
Manual Integrations
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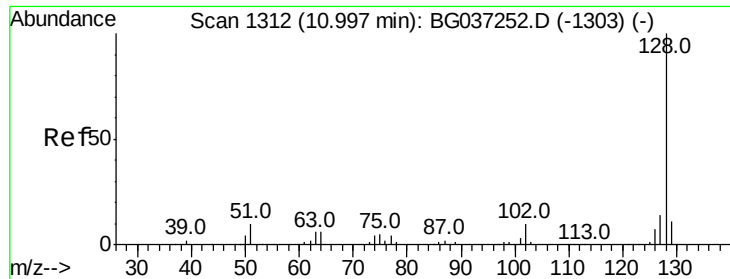
Sohil
 10/17/2018 2:59:35 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.112 ng
 RT: 10.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261496		
182	94.0	77.7	116.5	
145	28.8	23.3	34.9	





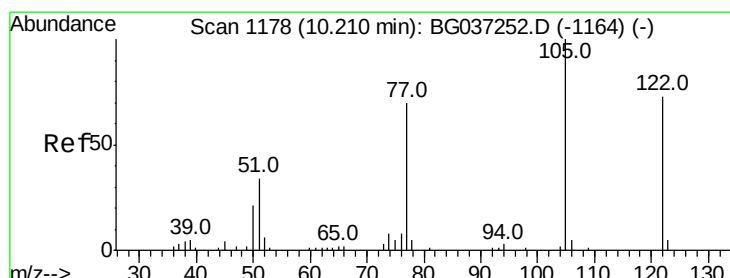
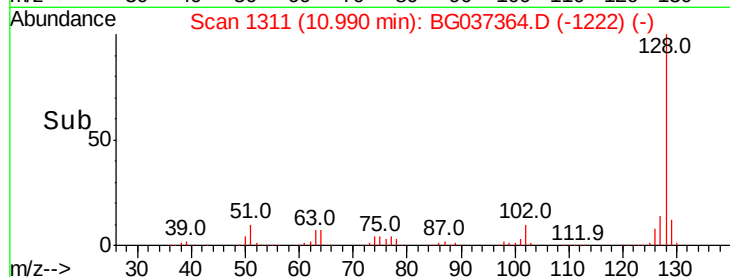
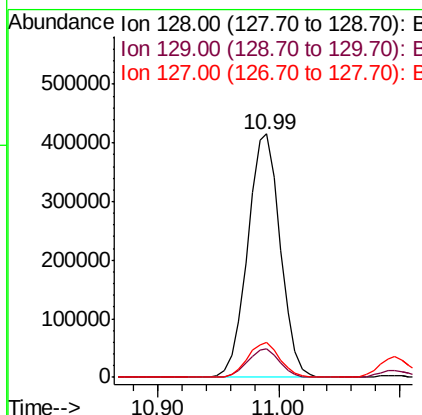
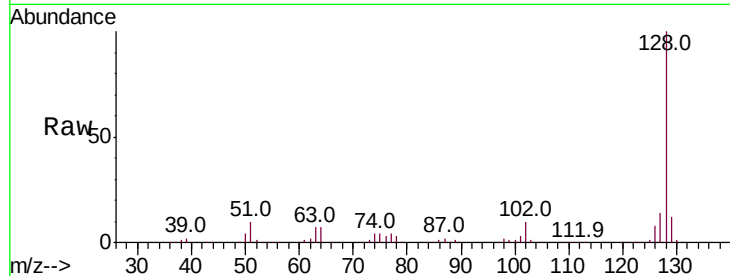
#31
Naphthalene
Concen: 50.709 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.5	11.1	16.7

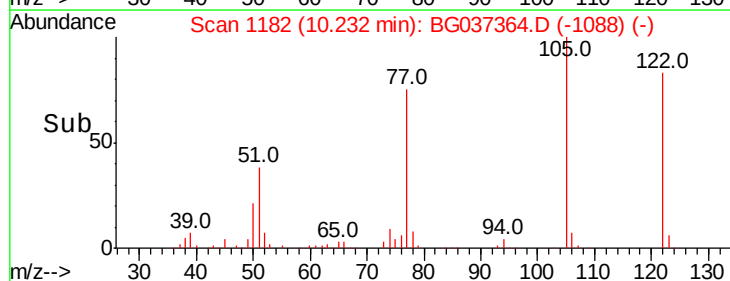
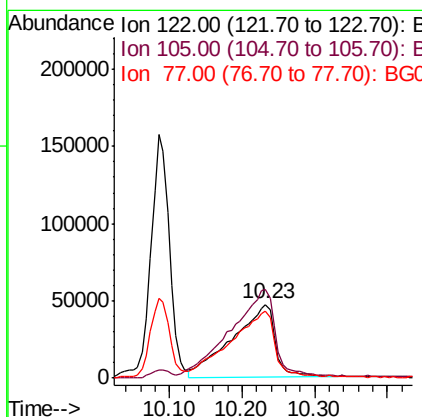
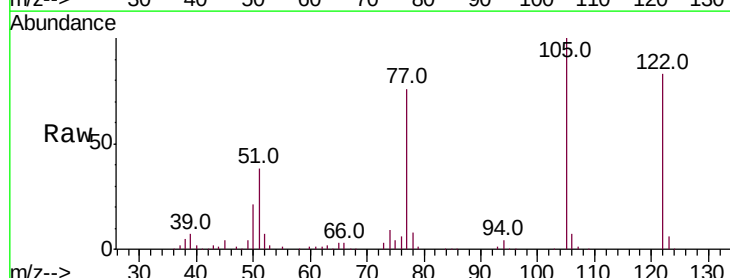
Manual Integrations
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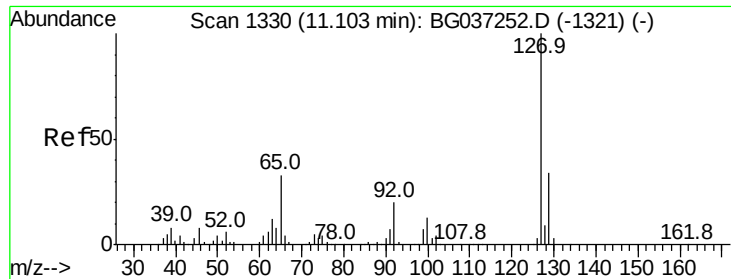
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#32
Benzoic acid
Concen: 75.691 ng
RT: 10.23 min Scan# 1182
Delta R.T. 0.02 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	106.7	146.7
77	91.0	72.2	112.2





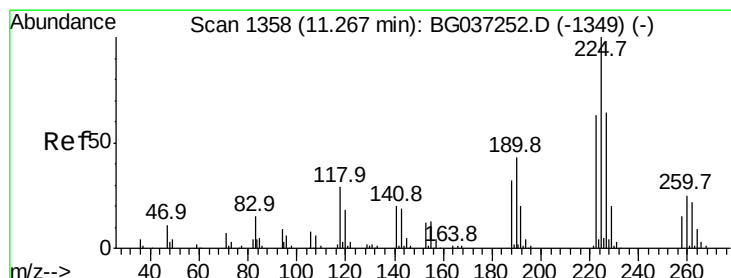
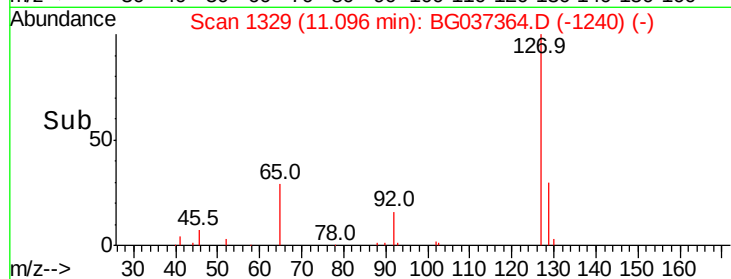
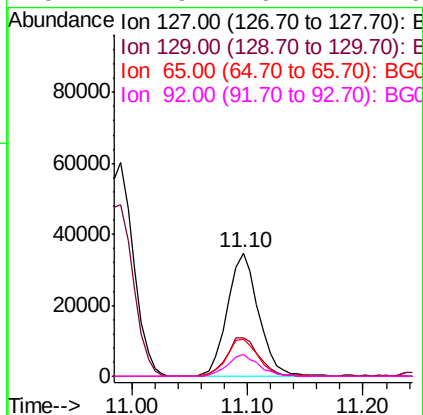
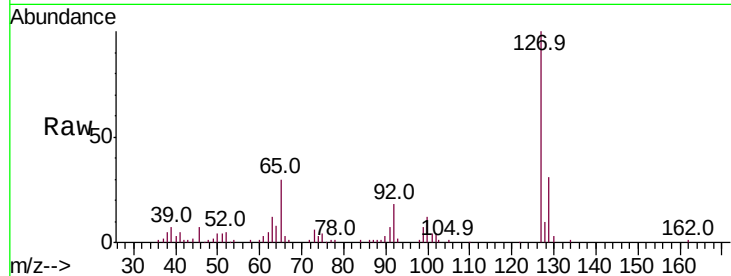
#33
4-Chloroaniline
Concen: 8.998 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	27.1	40.7
65	30.1	26.6	39.8
92	17.9	16.4	24.6

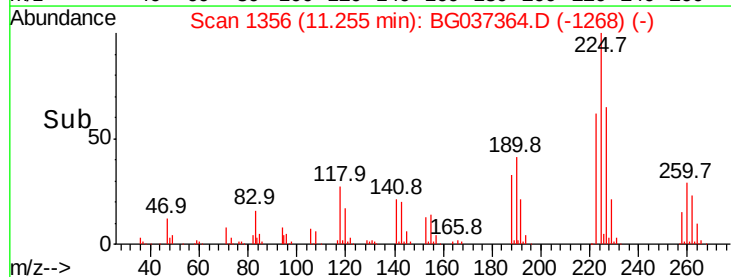
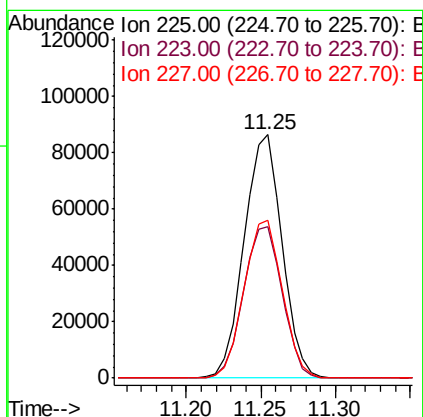
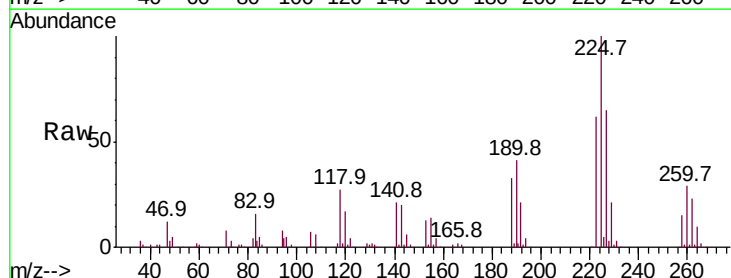
Manual Integrations
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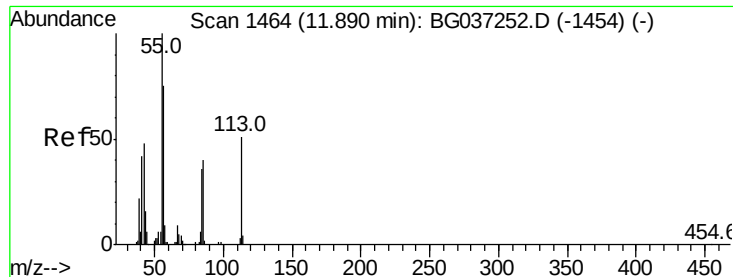
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#34
Hexachlorobutadiene
Concen: 43.109 ng
RT: 11.25 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	48.2	72.4
227	64.7	51.6	77.4





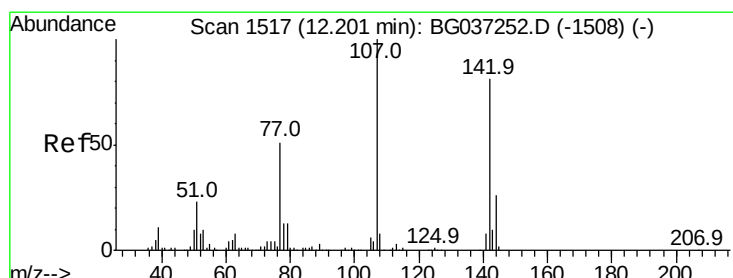
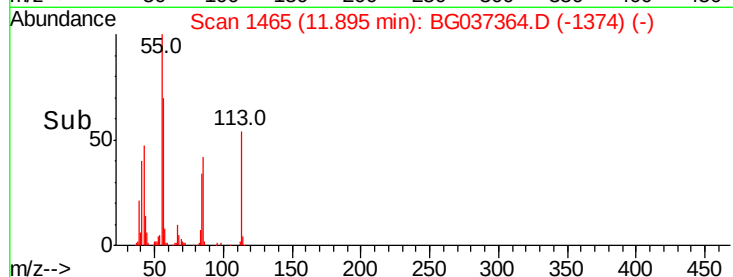
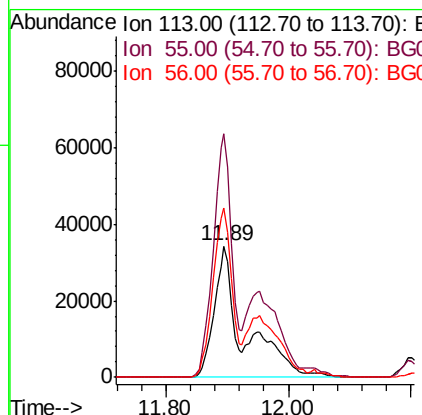
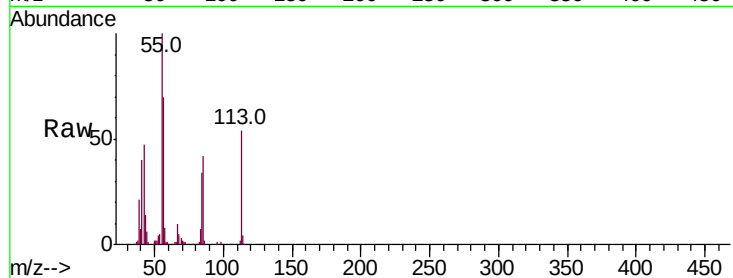
#35
 Caprolactam
 Concen: 59.953 ng/ml
 RT: 11.89 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	185.6	176.6	216.6
56	129.5	128.3	168.3

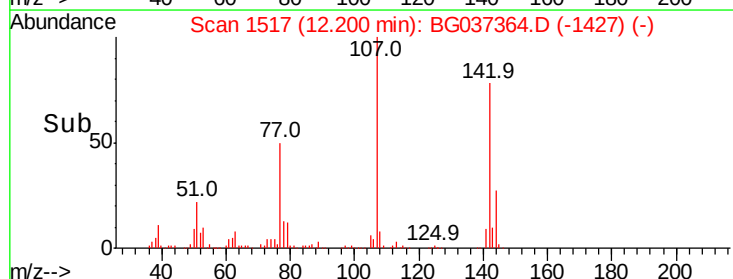
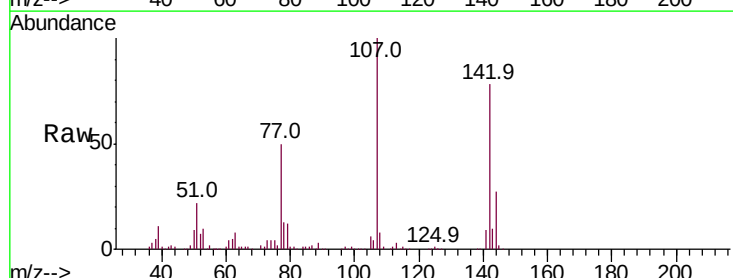
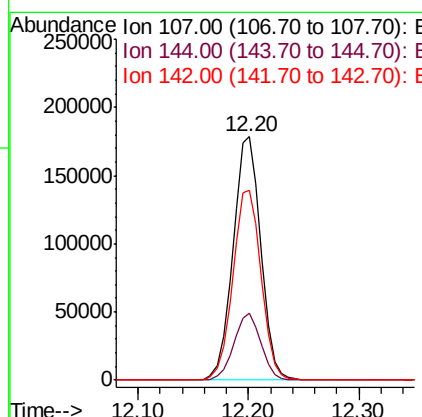
Manual Integrations
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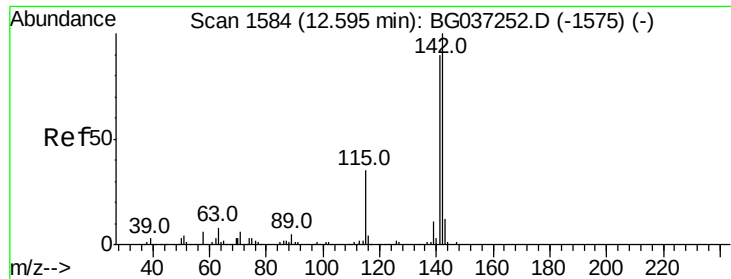
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#36
 4-Chloro-3-methylphenol
 Concen: 57.159 ng/ml
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.7	31.1
142	78.2	64.4	96.6





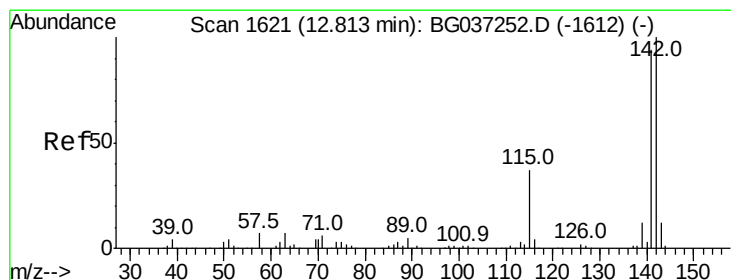
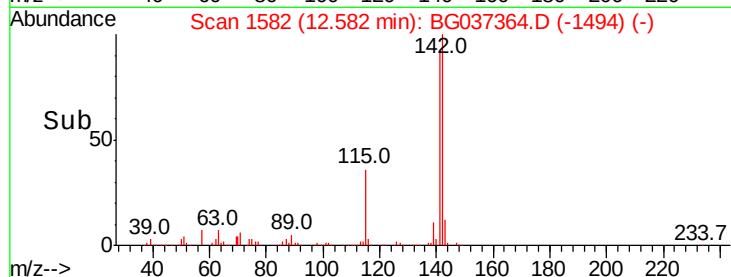
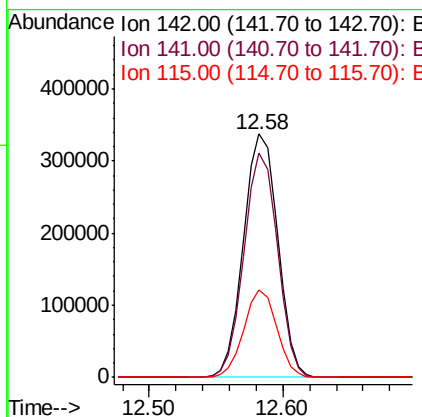
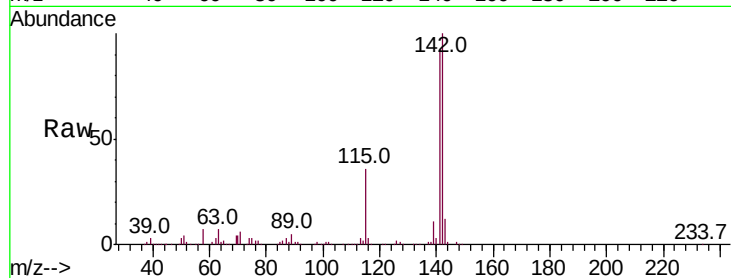
#37
2-Methylnaphthalene
Concen: 53.334 ng
RT: 12.58 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.9	107.9
115	36.1	27.8	41.8

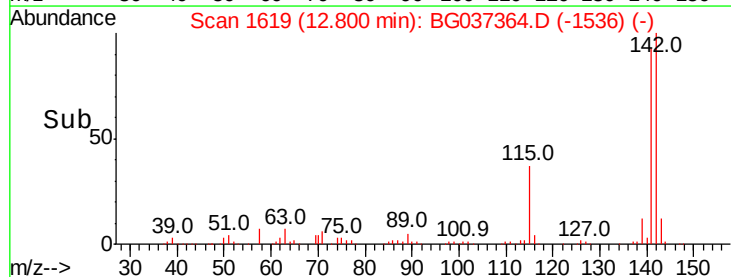
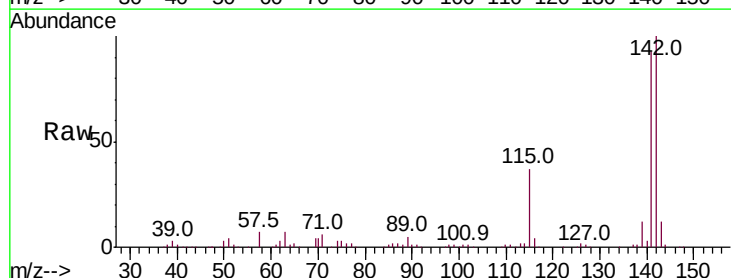
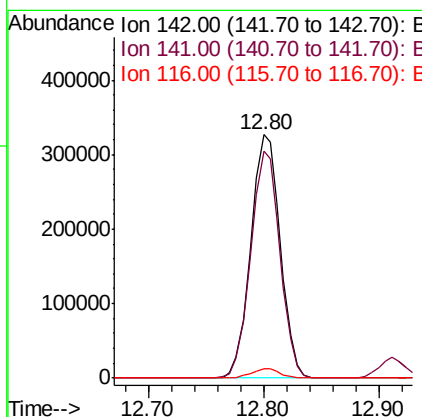
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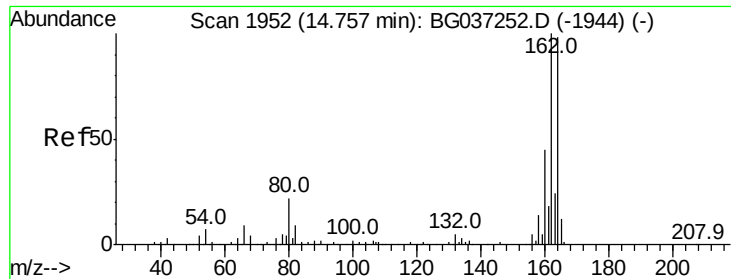
Sohil
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#38
1-Methylnaphthalene
Concen: 52.767 ng
RT: 12.80 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	3.9	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

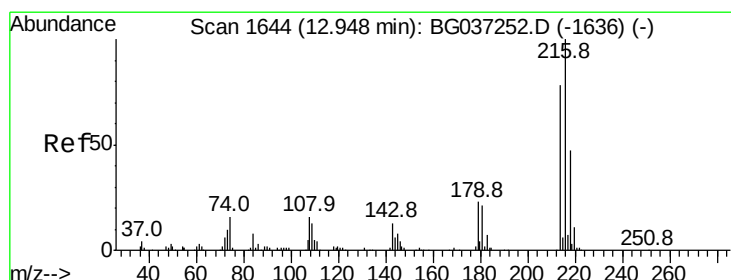
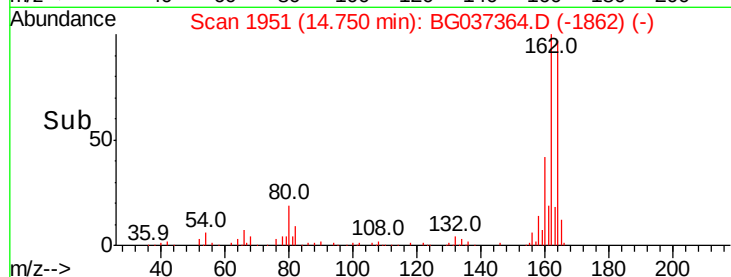
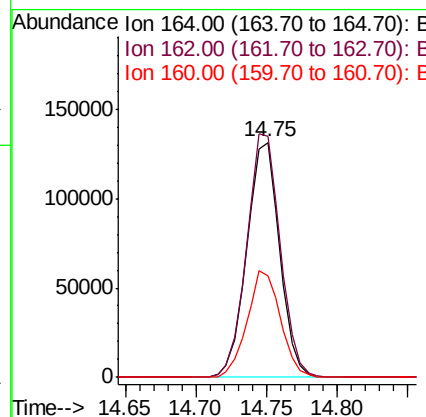
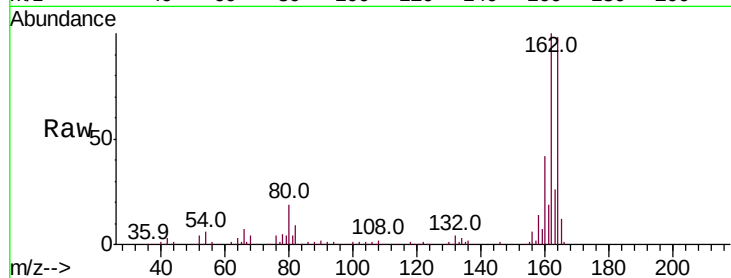
ClientSampleId :

PB113496BSD

Tot Ion:	164	Resp:	214027
Ion Ratio	Lower	Upper	
164	100		
162	102.5	81.3	121.9
160	43.0	36.3	54.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.189 ng

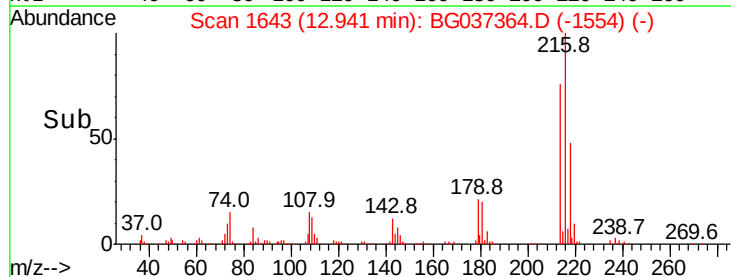
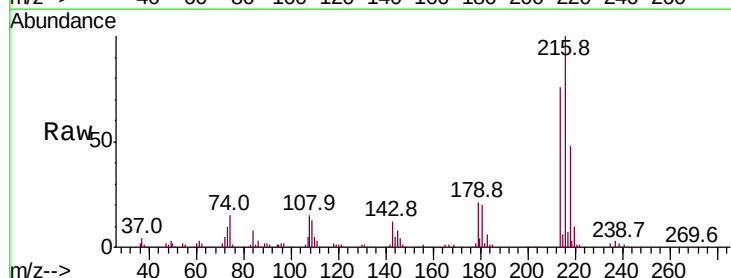
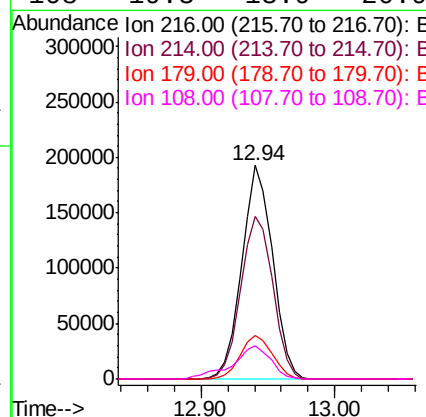
RT: 12.94 min Scan# 1643

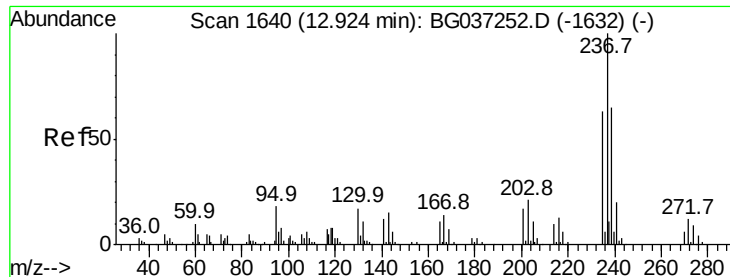
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion:	216	Resp:	306275
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.8	95.6
179	21.1	17.4	26.0
108	19.3	13.9	20.9





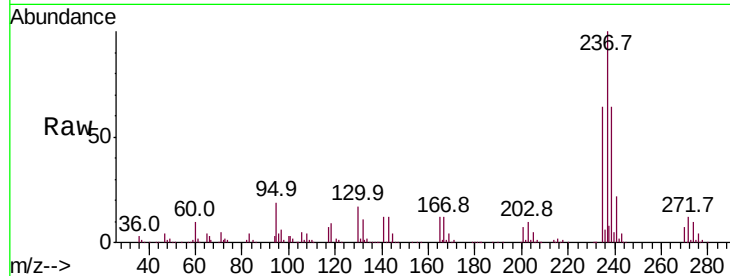
#41
Hexachlorocyclopentadiene
Concen: 128.792 ng
RT: 12.91 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

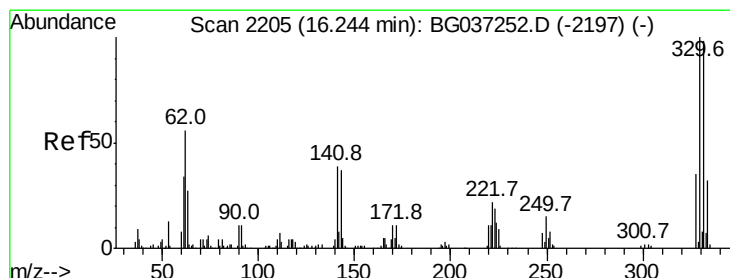
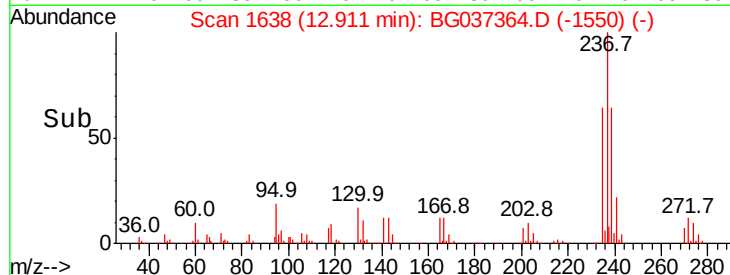
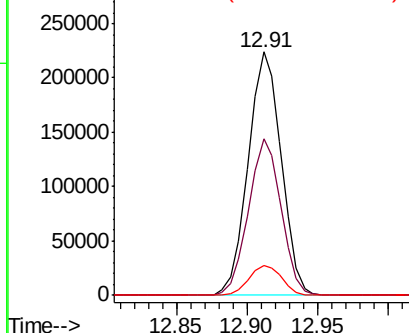
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.5	42.5	82.5
272	12.3	0.0	31.6

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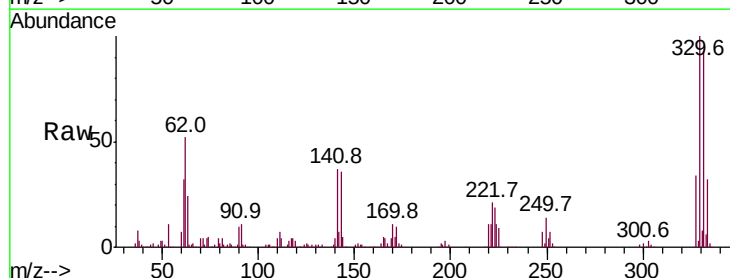


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

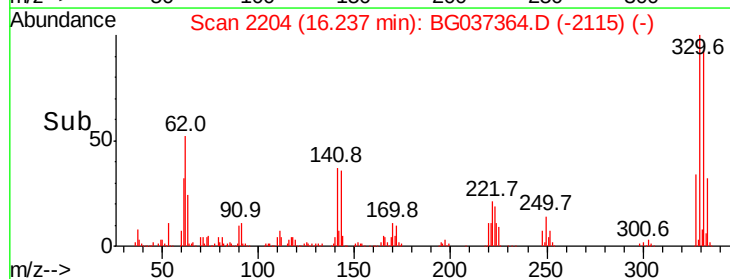
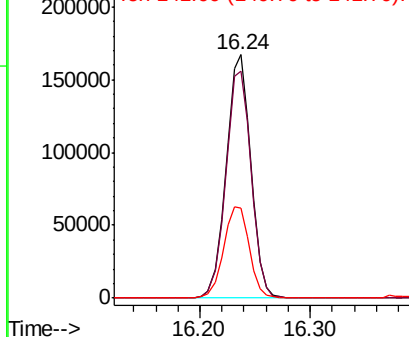


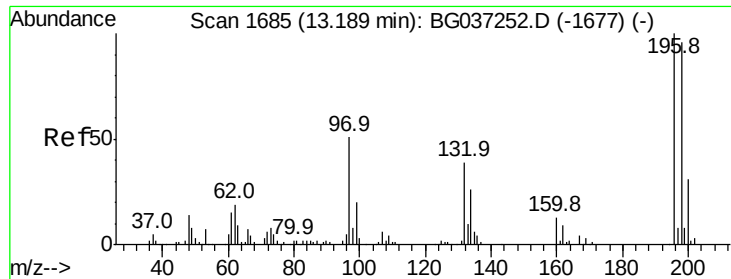
#42
2,4,6-Tribromophenol
Concen: 124.615 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	78.4	117.6
141	39.0	32.2	48.2



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





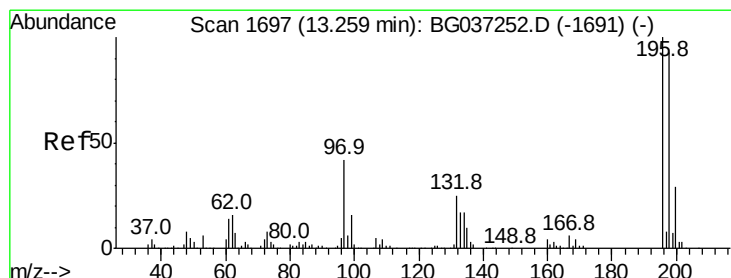
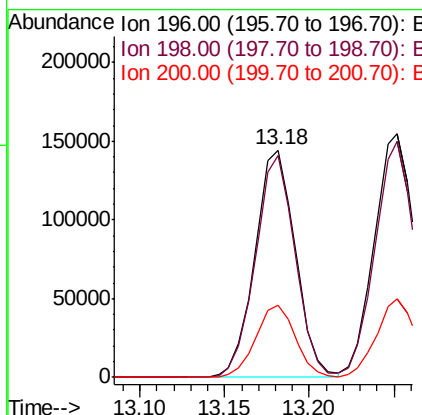
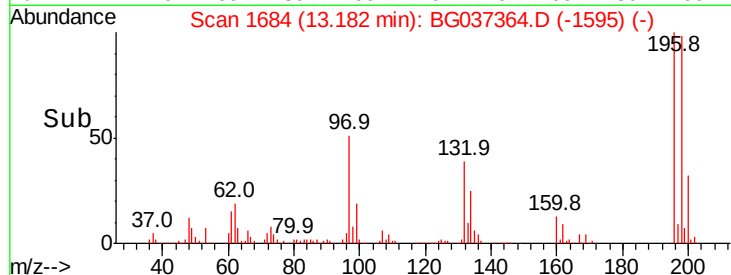
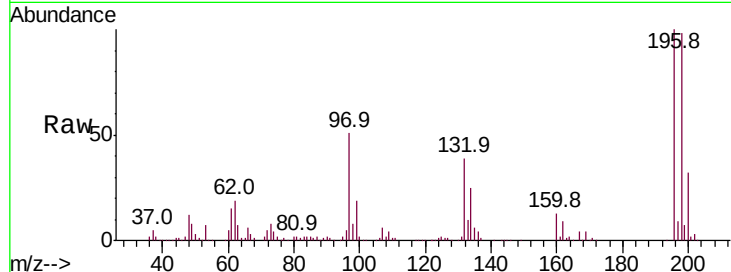
#43
 2,4,6-Trichlorophenol
 Concen: 59.980 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241170		
198	97.7	76.4	114.6	
200	31.7	24.9	37.3	

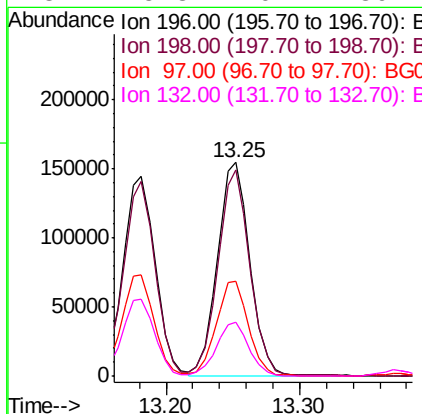
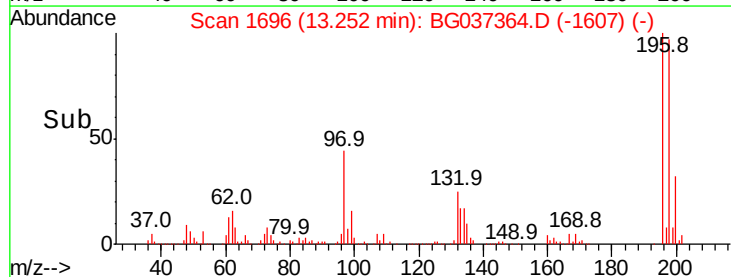
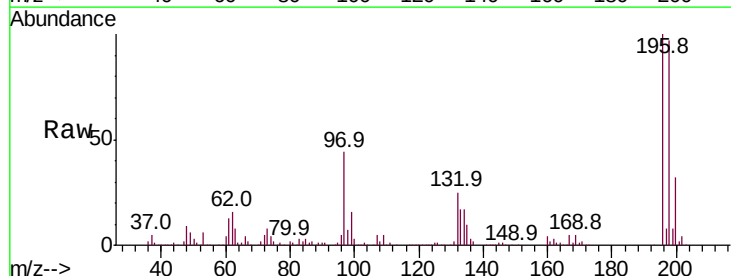
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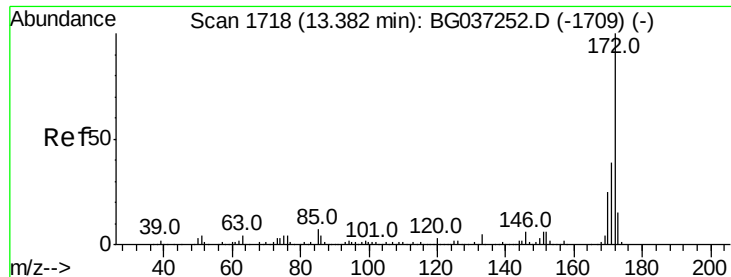
Sohil
 10/17/2018 2:59:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 60.661 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262430		
198	96.7	74.2	111.2	
97	44.3	34.1	51.1	
132	25.3	20.2	30.4	





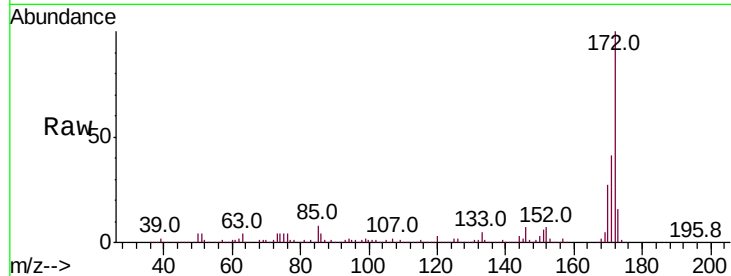
#45
2-Fluorobiphenyl
Concen: 94.822 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

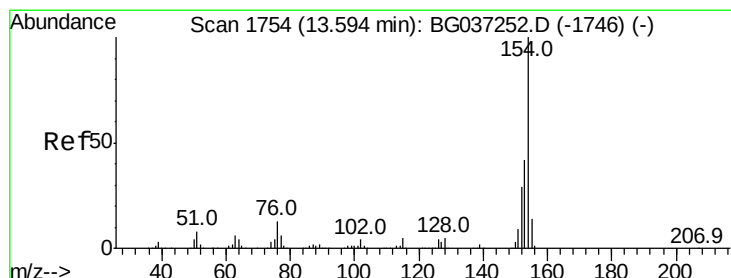
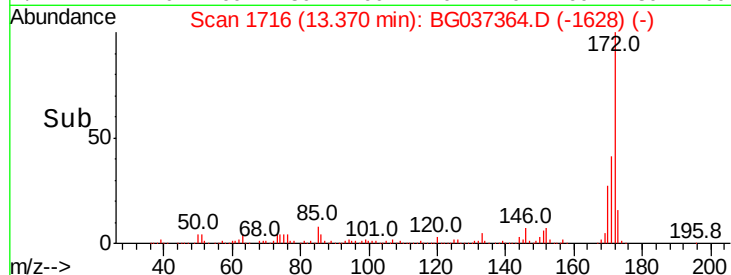
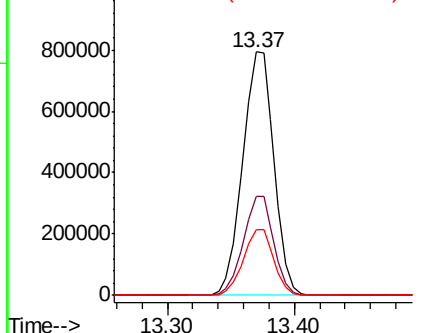
Tot Ion:172 Resp: 1351374
Ion Ratio Lower Upper
172 100
171 40.5 31.0 46.4
170 27.0 20.2 30.2

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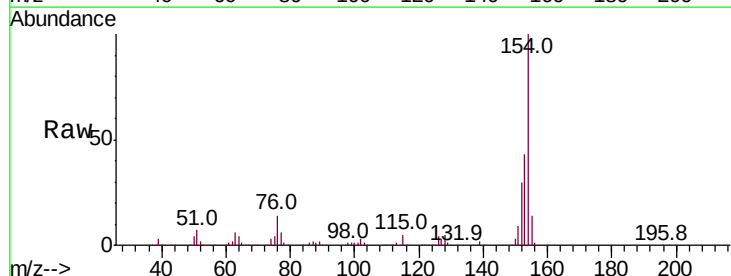


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

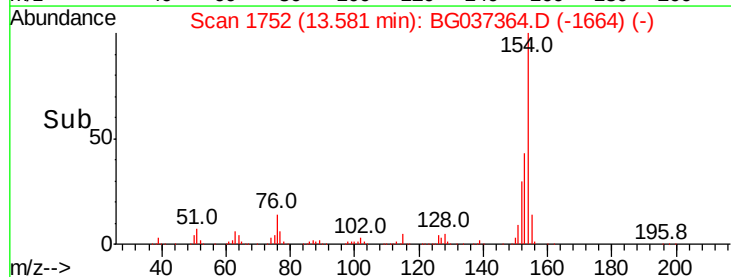
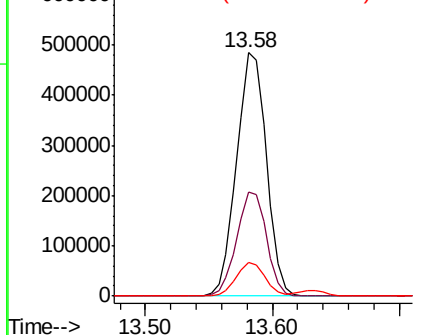


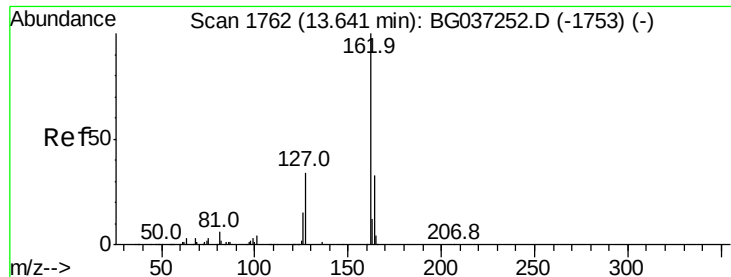
#46
1,1'-Biphenyl
Concen: 44.783 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion:154 Resp: 788448
Ion Ratio Lower Upper
154 100
153 42.9 22.1 62.1
76 14.0 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 46.314 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

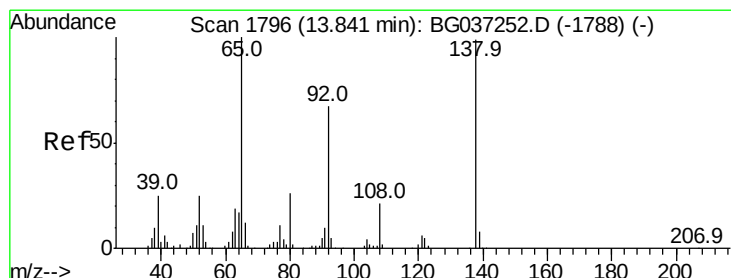
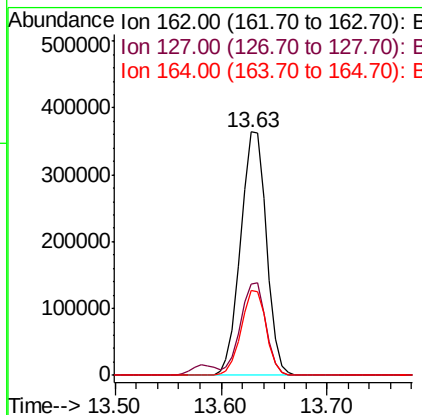
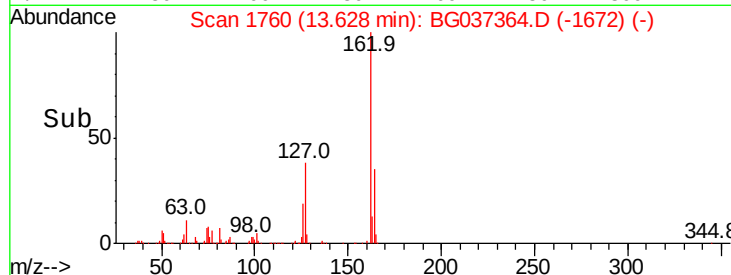
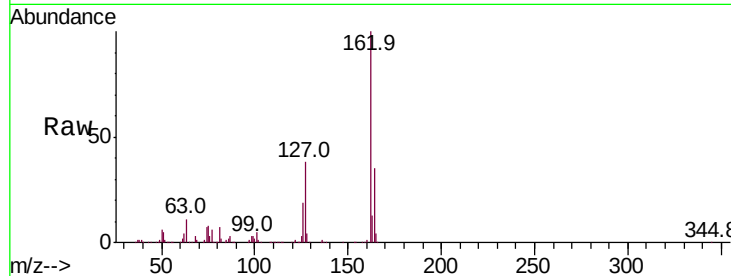
ClientSampleId :

PB113496BSD

Tot Ion:	162	Resp:	615924
Ion Ratio	Lower	Upper	
162	100		
127	37.6	30.5	45.7
164	35.0	26.4	39.6

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#48

2-Nitroaniline

Concen: 55.859 ng

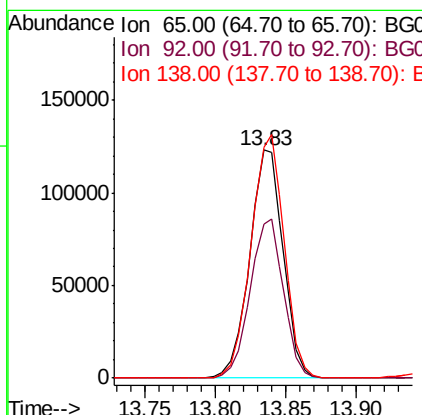
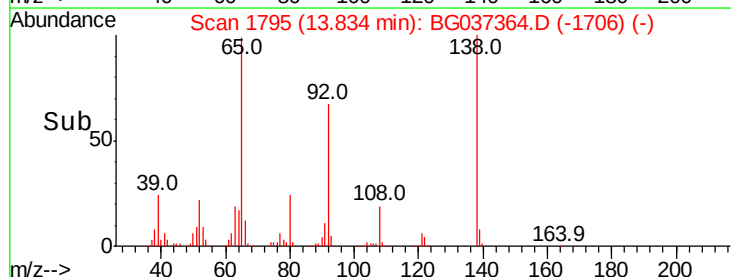
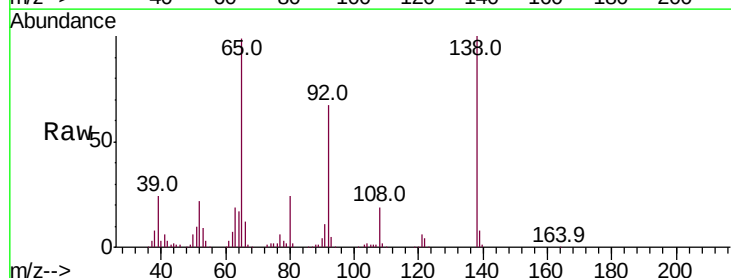
RT: 13.83 min Scan# 1795

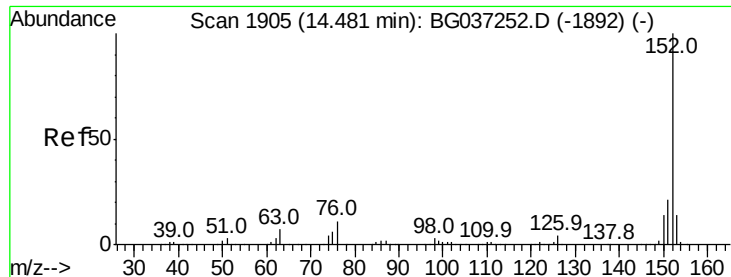
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion:	65	Resp:	205132
Ion Ratio	Lower	Upper	
65	100		
92	67.9	53.2	79.8
138	101.3	79.3	118.9





#49

Acenaphthylene

Concen: 50.482 ng

RT: 14.47 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion:152 Resp: 1027000

Ion Ratio Lower Upper

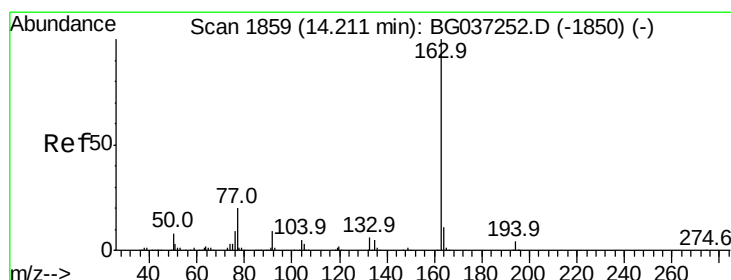
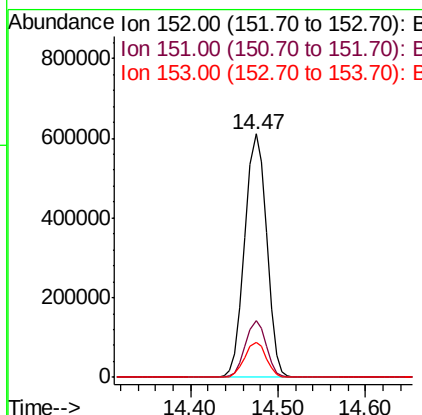
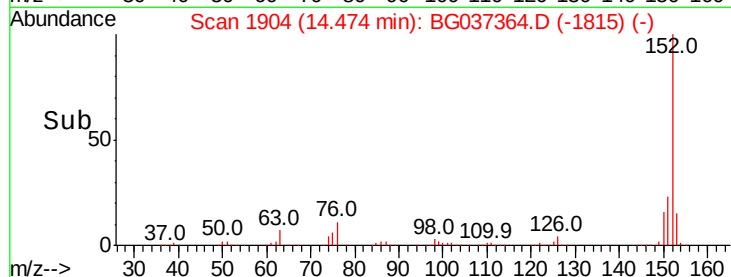
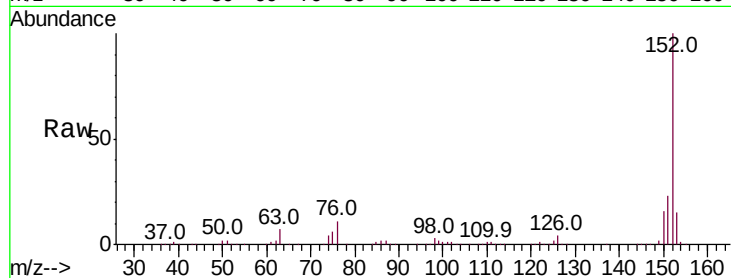
152 100

151 23.3 17.1 25.7

153 14.5 11.1 16.7

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#50

Dimethylphthalate

Concen: 49.469 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

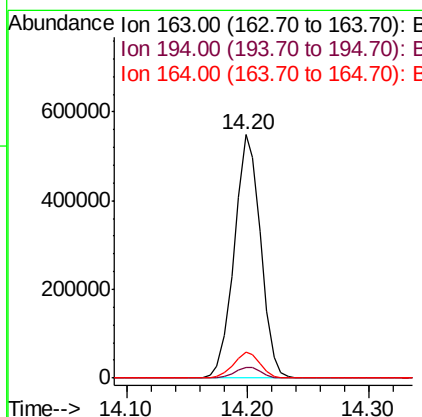
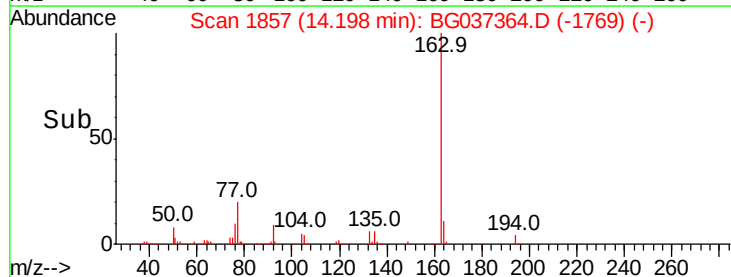
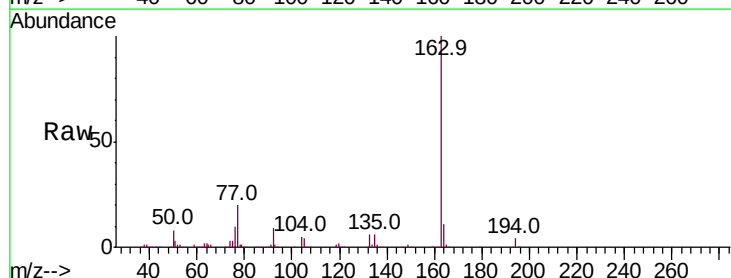
Tgt Ion:163 Resp: 832053

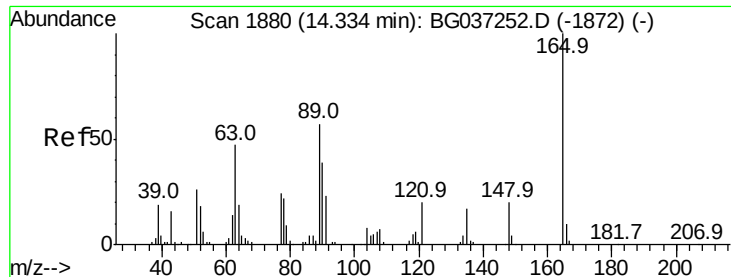
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.9 8.5 12.7





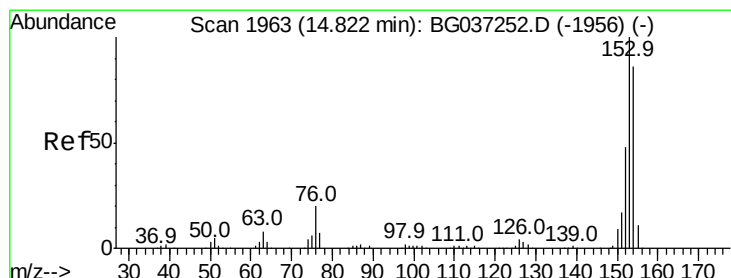
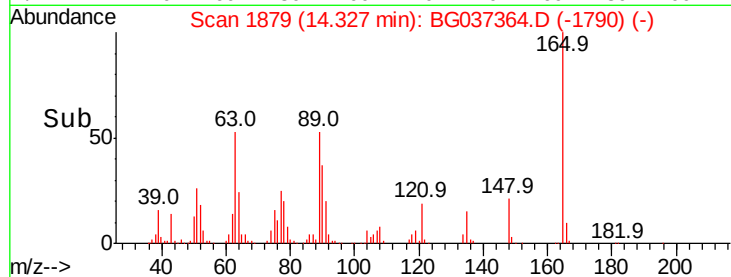
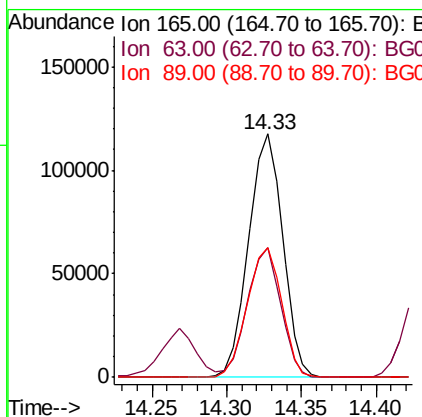
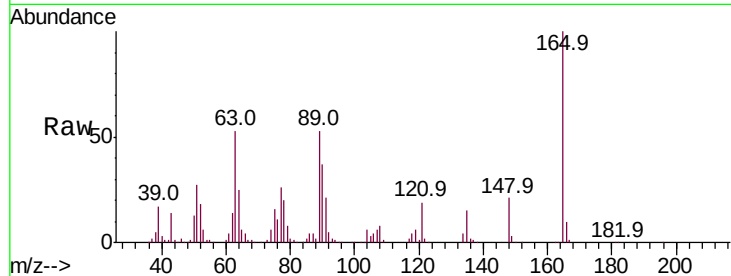
#51
 2,6-Dinitrotoluene
 Concen: 56.005 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.5	43.4	65.2
89	53.1	45.8	68.6

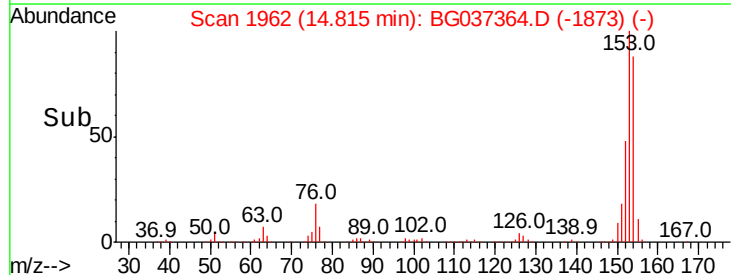
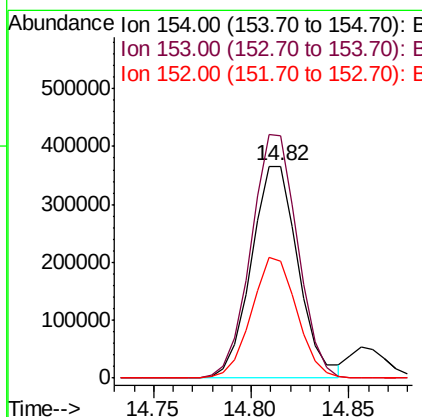
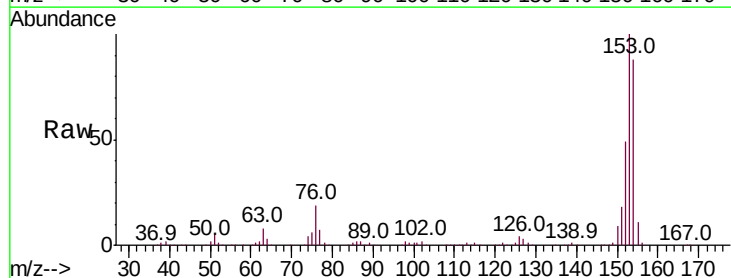
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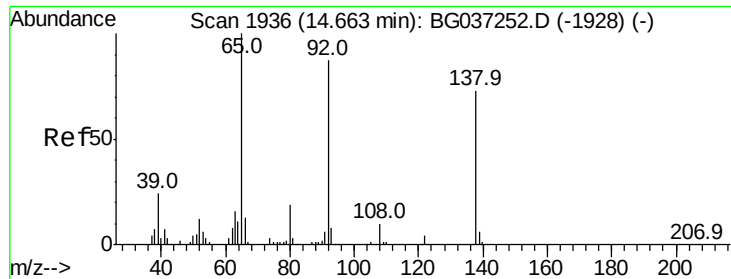
Sohil
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#52
 Acenaphthene
 Concen: 48.393 ng
 RT: 14.82 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.1	93.4	140.0
152	55.4	44.7	67.1





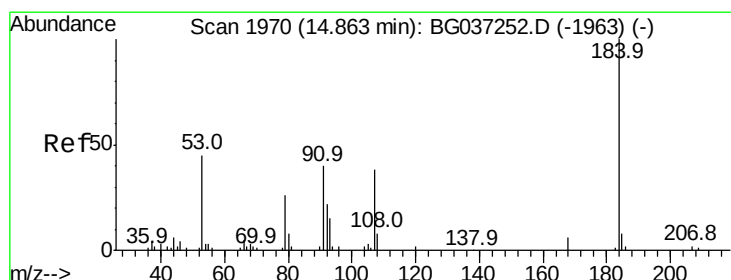
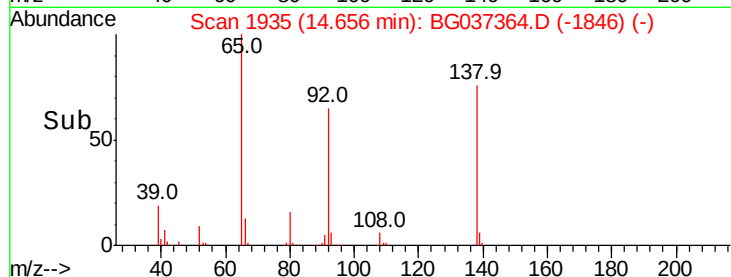
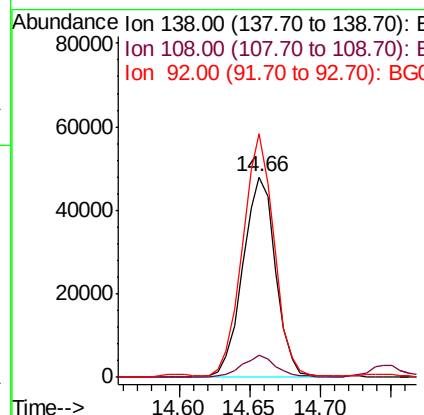
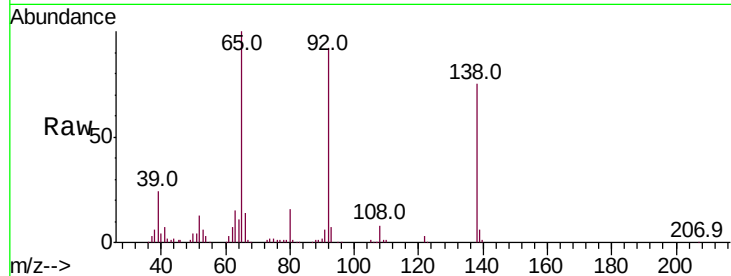
#53
3-Nitroaniline
Concen: 22.180 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	11.0	16.6
92	121.5	95.2	142.8

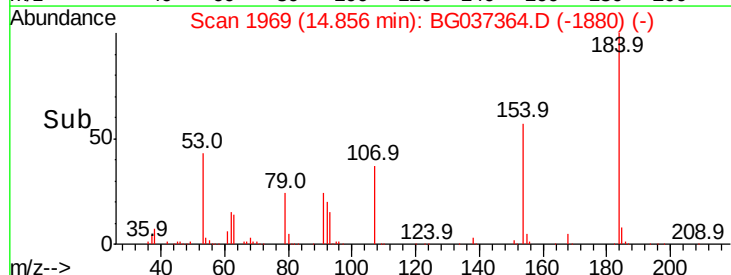
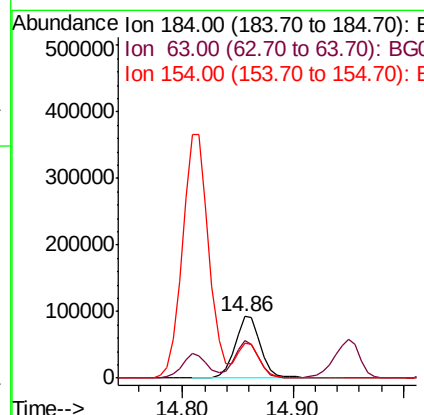
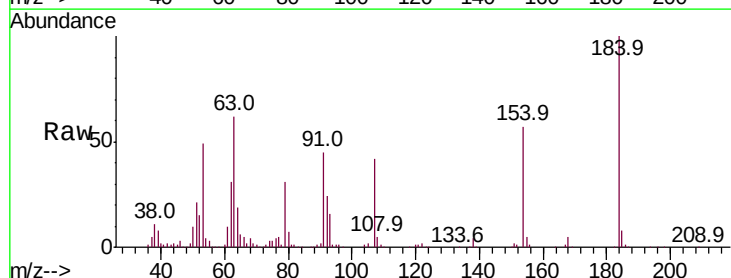
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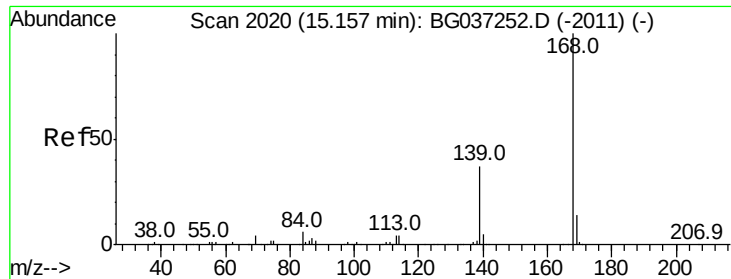
Sohil
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#54
2,4-Dinitrophenol
Concen: 177.653 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	42.6	63.8
154	57.2	41.8	62.6





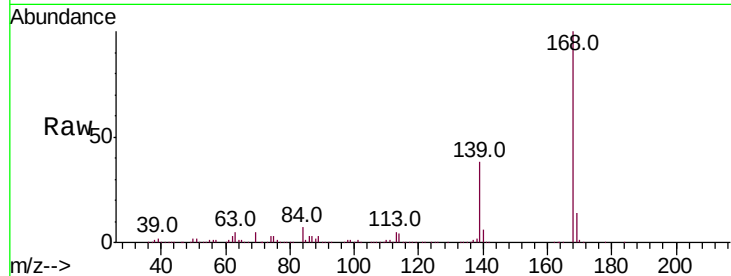
#55
Dibenzenofuran
Concen: 46.919 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.4	44.0
169	14.3	11.0	16.6

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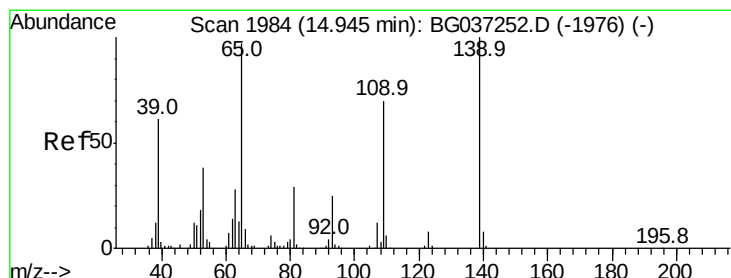
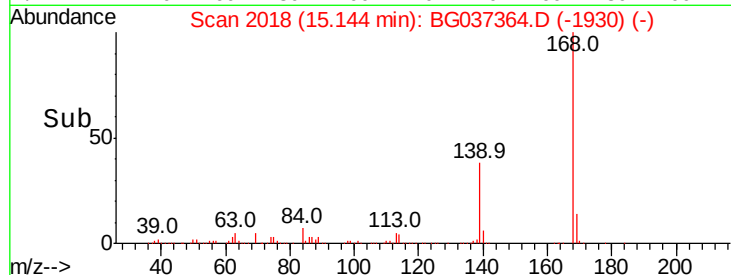
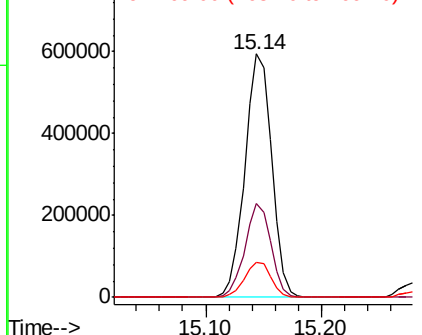


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 124.714 ng
RT: 14.95 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

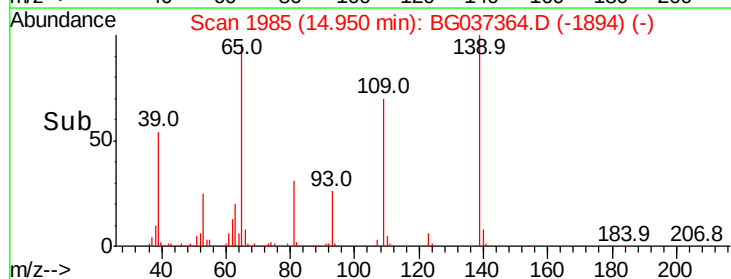
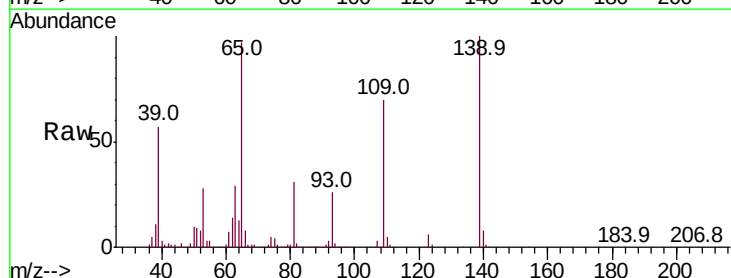
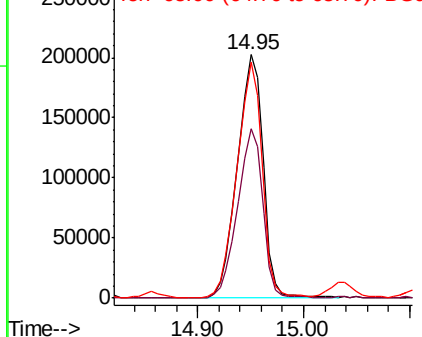
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.8	49.5	89.5
65	96.9	76.8	116.8

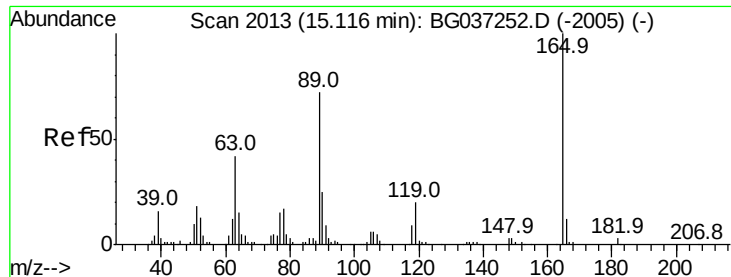
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





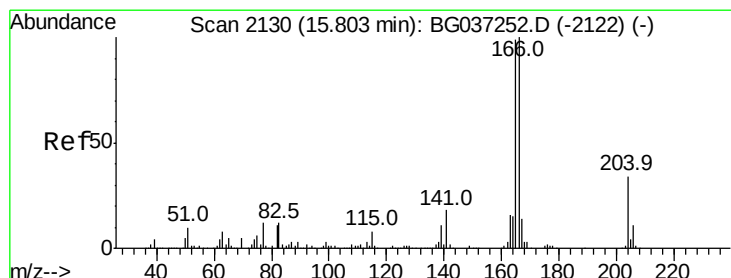
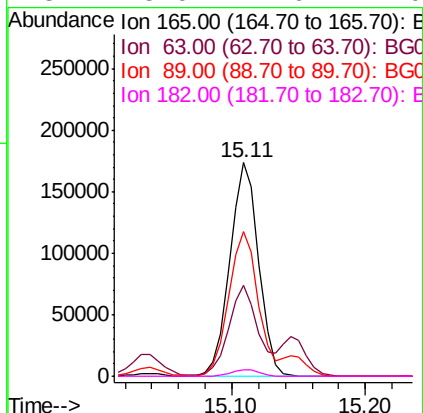
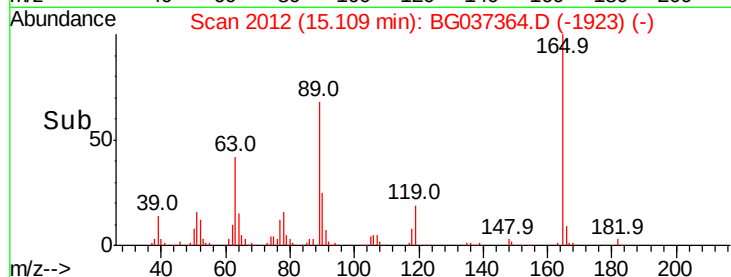
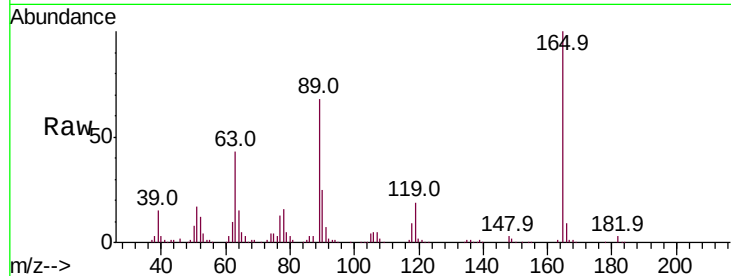
#57
2,4-Dinitrotoluene
Concen: 61.328 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	260481		
63	42.7		33.4	50.0
89	67.8		57.2	85.8
182	3.0		2.6	4.0

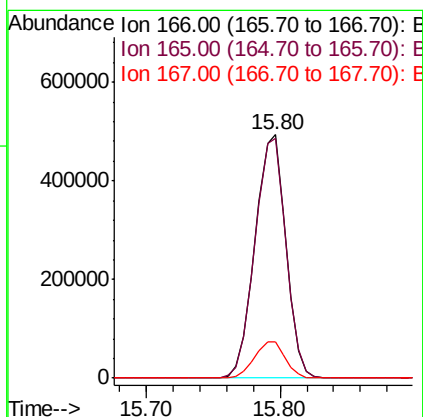
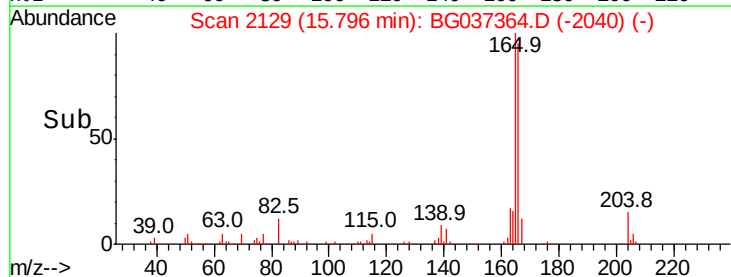
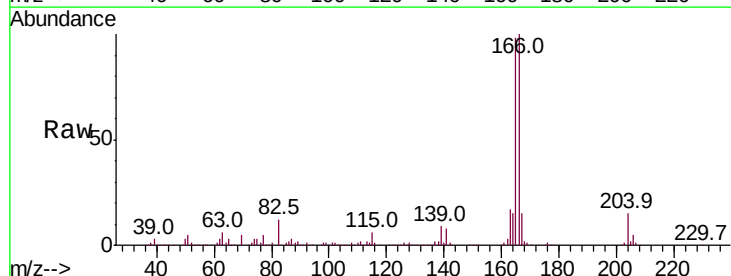
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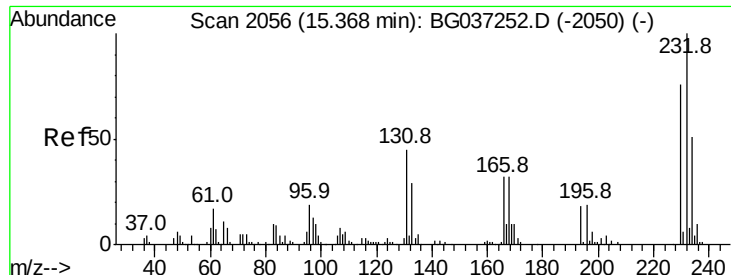
Sohil
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#58
Fluorene
Concen: 50.820 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	783702		
165	98.5		79.0	118.6
167	14.7		11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.218 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

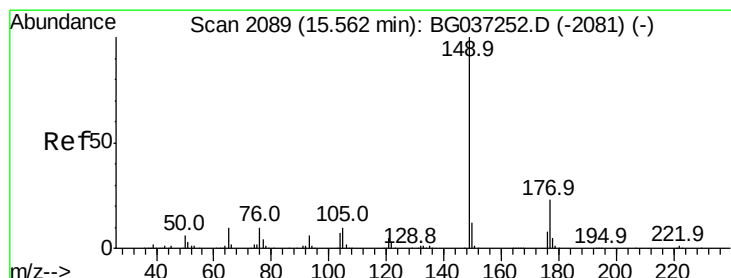
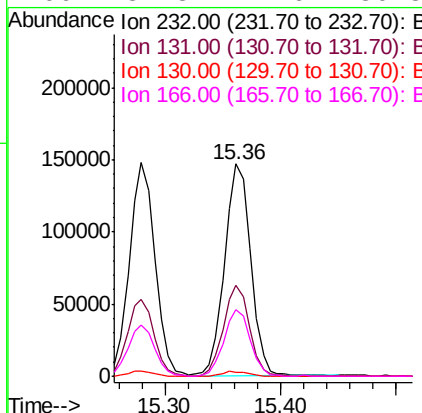
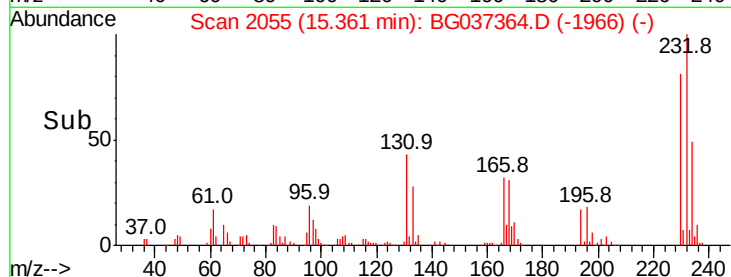
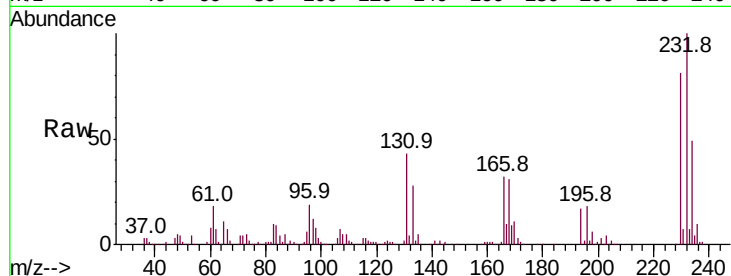
ClientSampleId :

PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	230644		
131	42.1		33.7	50.5
130	2.4		2.1	3.1
166	31.3		24.6	36.8

Manual Integrations
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#60

Diethylphthalate

Concen: 48.809 ng

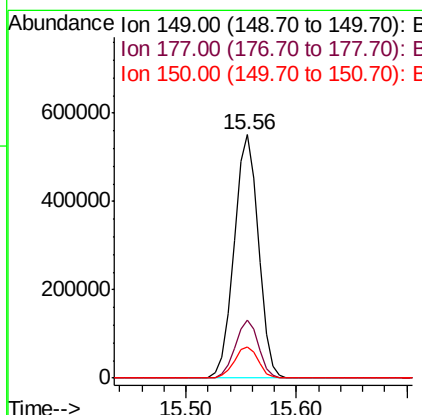
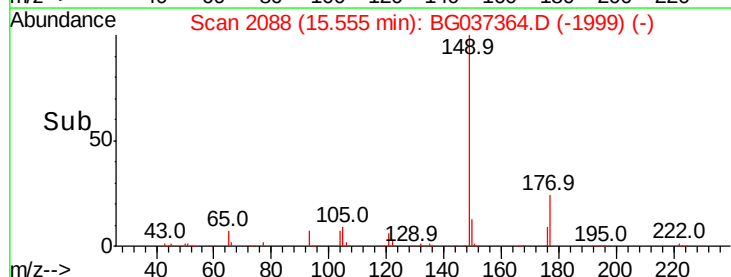
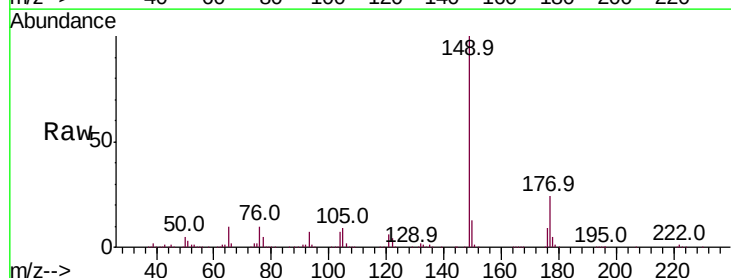
RT: 15.56 min Scan# 2088

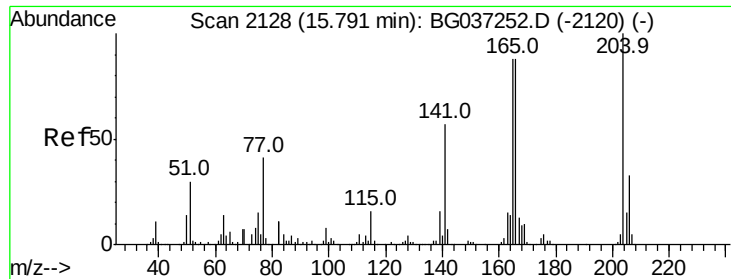
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	850797		
177	24.0		18.3	27.5
150	13.0		10.0	15.0





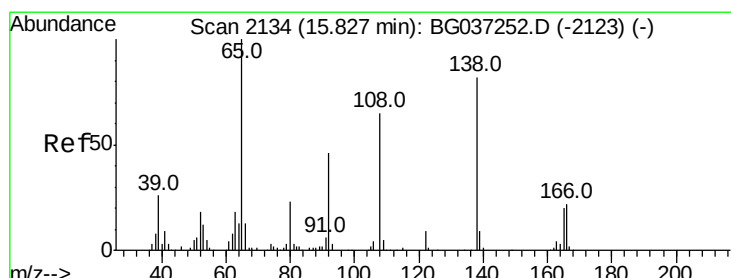
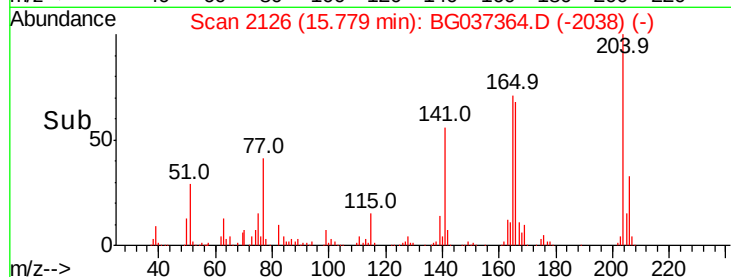
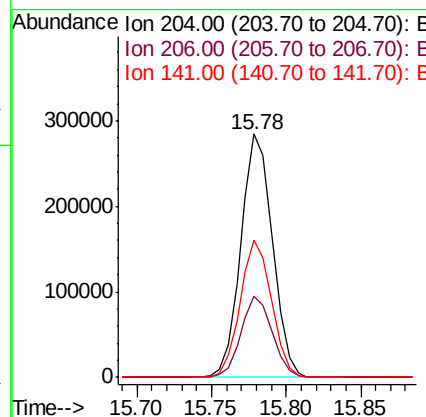
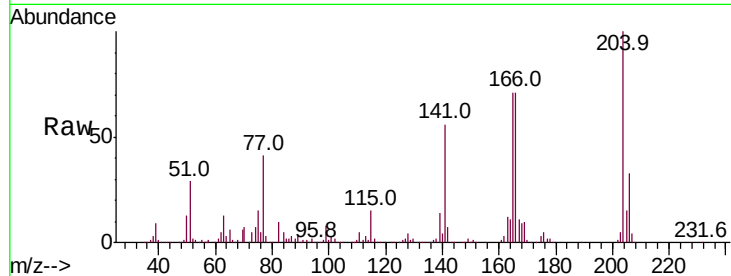
#61
 4-Chlorophenyl-phenylether
 Concen: 46.284 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion:	204	Resp:	417203
Ion Ratio		Lower	Upper
204	100		
206	33.2	26.6	39.8
141	56.5	45.4	68.2

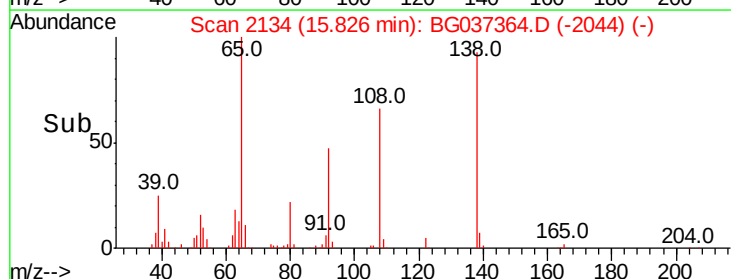
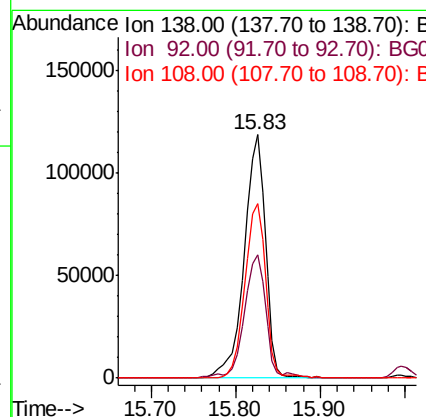
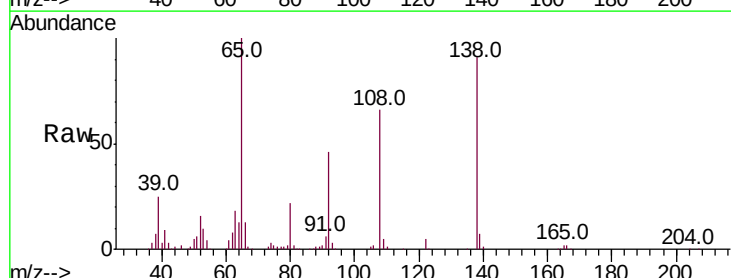
Manual Integrations
 APPROVED

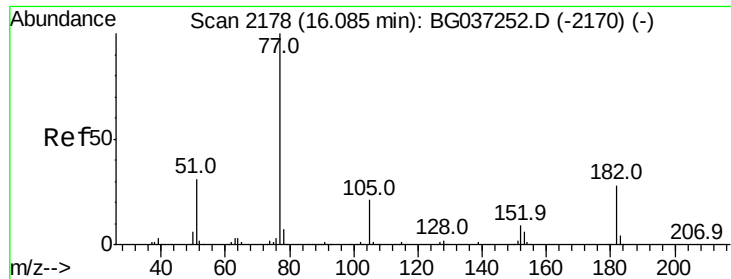
Sohil
 10/17/2018 2:59:35 PM



#62
 4-Nitroaniline
 Concen: 55.941 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Tgt Ion:	138	Resp:	206628
Ion Ratio		Lower	Upper
138	100		
92	50.7	36.4	76.4
108	71.8	60.1	100.1





#63

Azobenzene

Concen: 47.616 ng

RT: 16.07 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

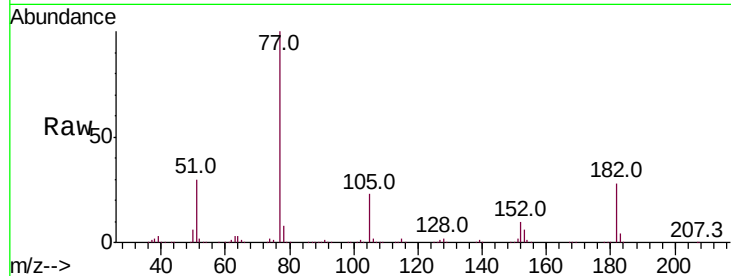
ClientSampleId :

PB113496BSD

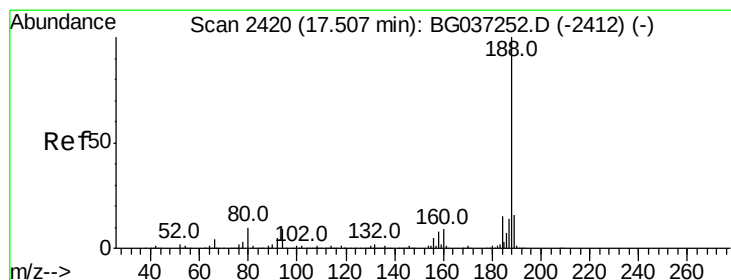
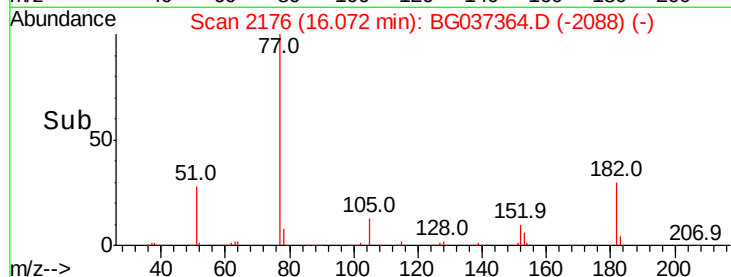
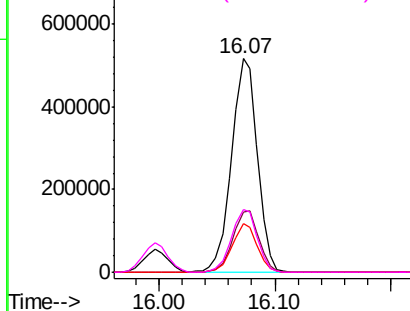
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.0	48.0
105	22.5	1.3	41.3
51	29.5	10.7	50.7

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



#64

Phenanthrene-d10

Concen: 20.000 ng

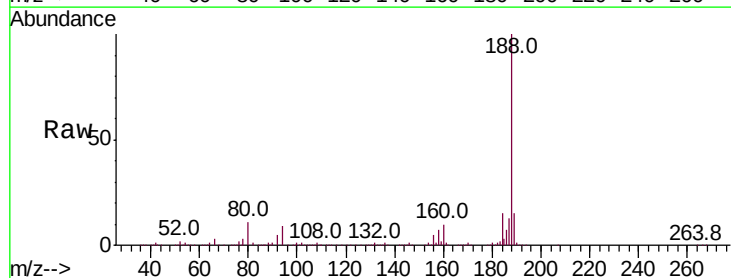
RT: 17.49 min Scan# 2418

Delta R.T. -0.01 min

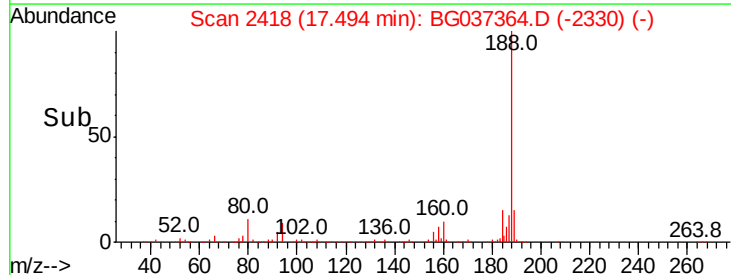
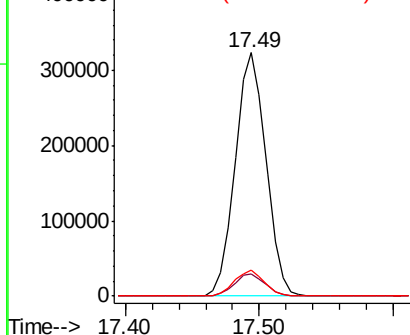
Lab File: BG037364.D

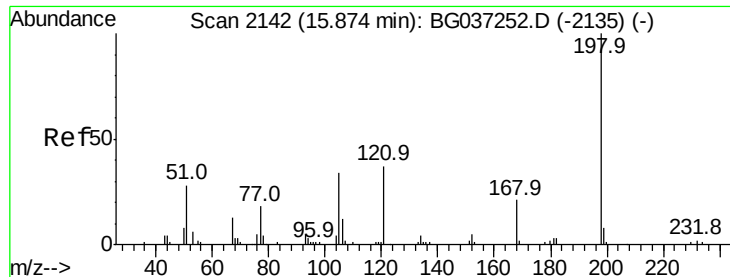
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.7	7.7	11.5



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





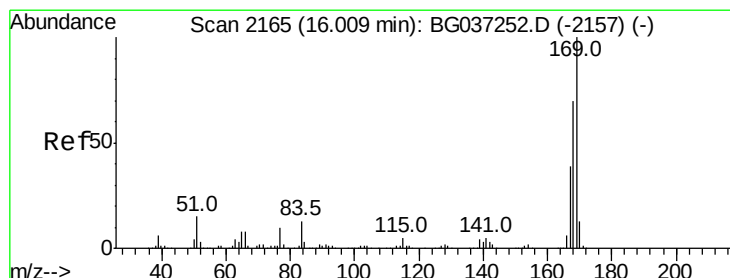
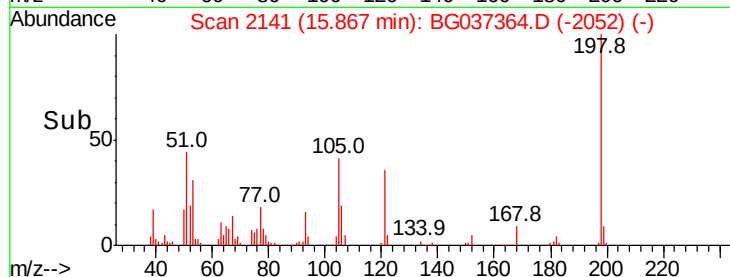
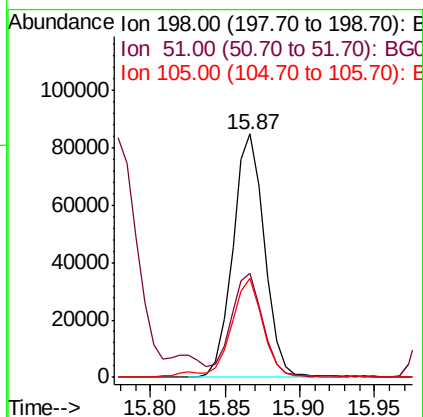
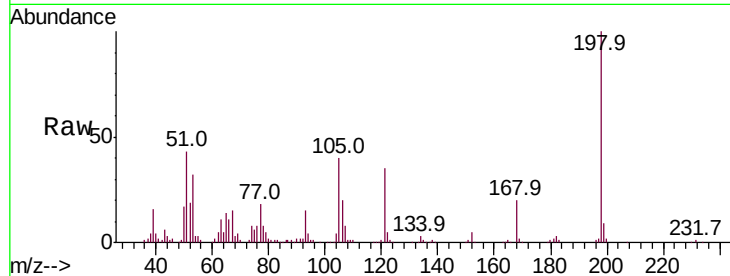
#65
4,6-Dinitro-2-methylphenol
Concen: 73.812 ng
RT: 15.87 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	124897		
51	43.0		22.7	62.7
105	40.5		19.7	59.7

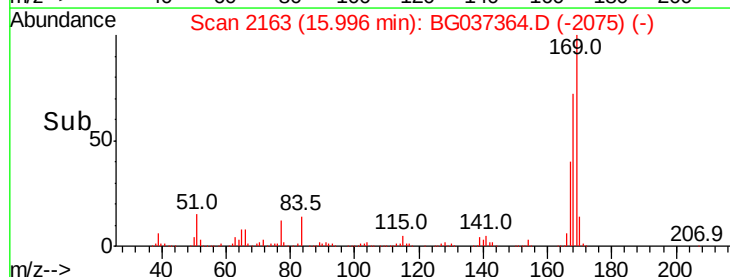
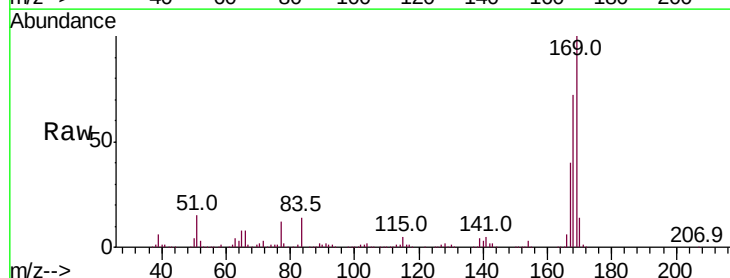
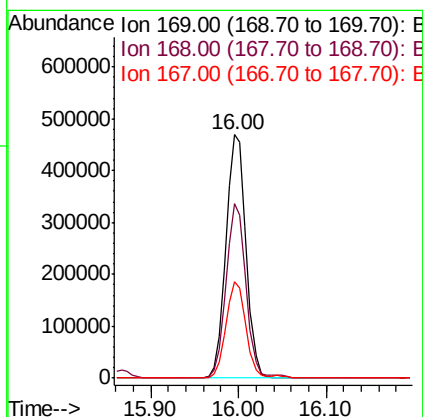
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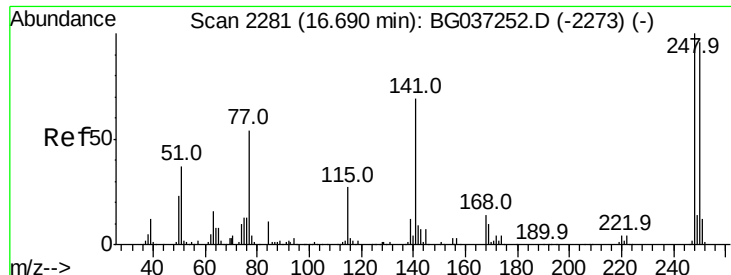
Sohil
10/17/2018 2:59:35 PM



#66
n-Nitrosodiphenylamine
Concen: 48.817 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	738499		
168	71.9		55.7	83.5
167	39.8		31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 48.606 ng

RT: 16.68 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

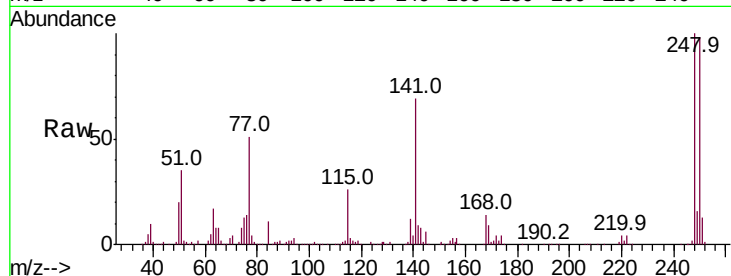
ClientSampleId :

PB113496BSD

Tot Ion:	248	Resp:	270229
Ion Ratio	Lower	Upper	
248	100		
250	98.4	77.0	115.6
141	68.9	55.5	83.3

Manual Integrations
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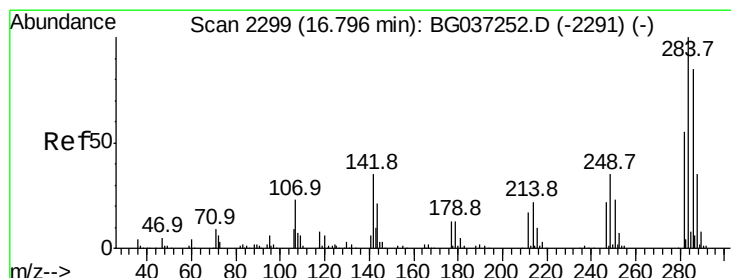
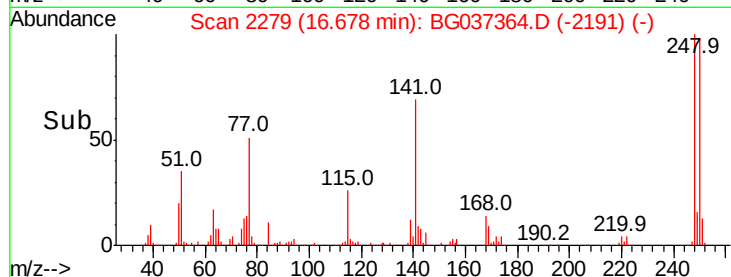
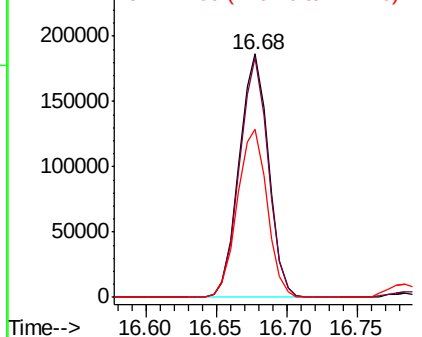


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 46.656 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

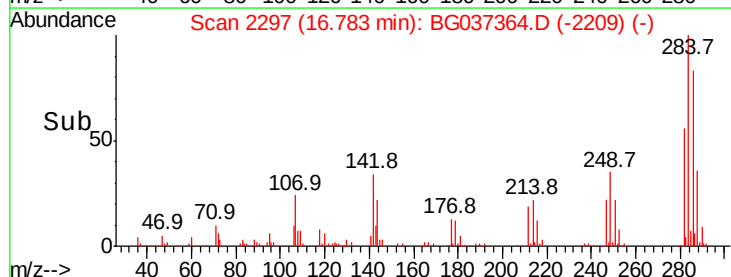
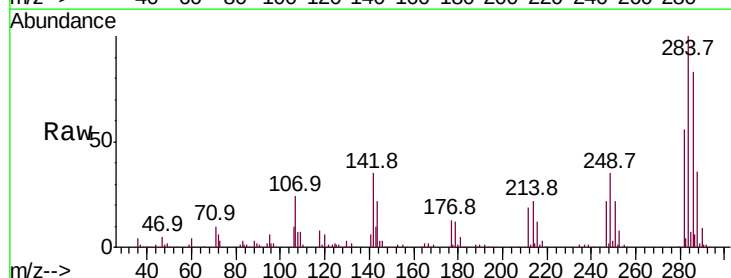
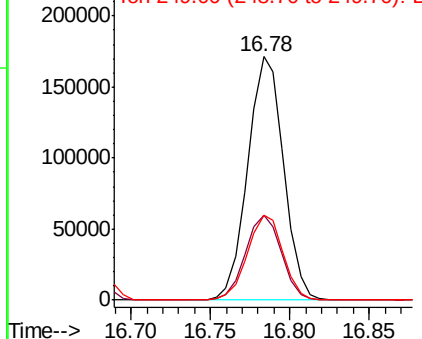
Tgt Ion:	284	Resp:	268936
Ion Ratio	Lower	Upper	
284	100		
142	34.6	28.1	42.1
249	37.7	29.8	44.8

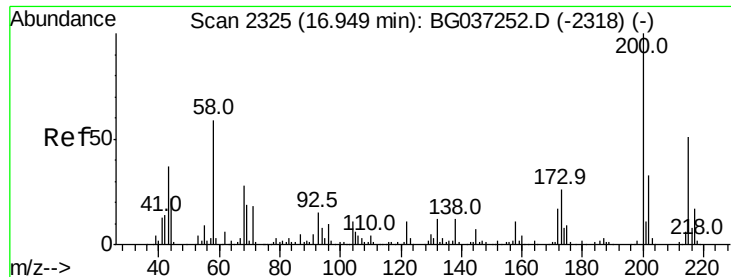
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





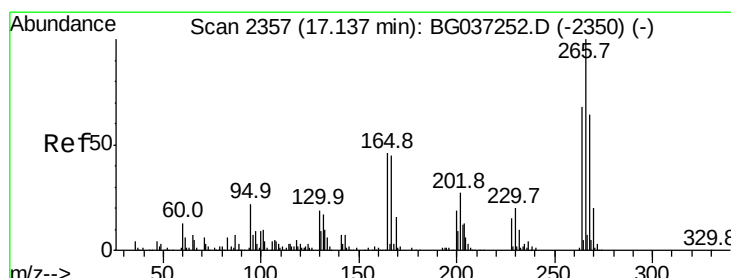
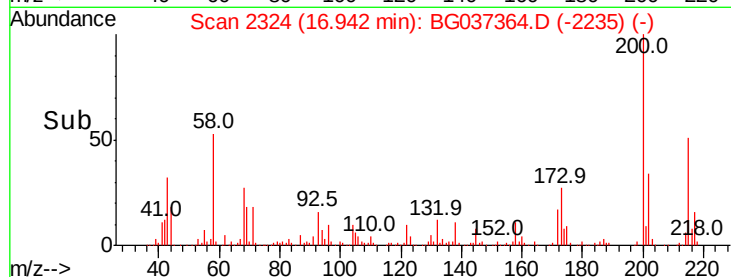
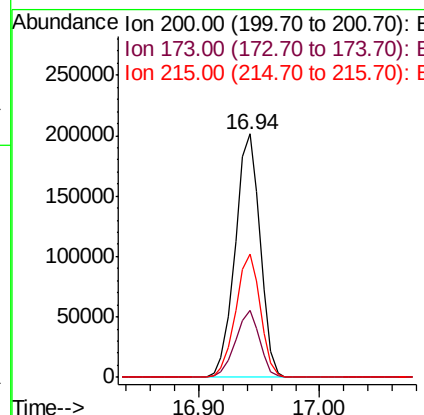
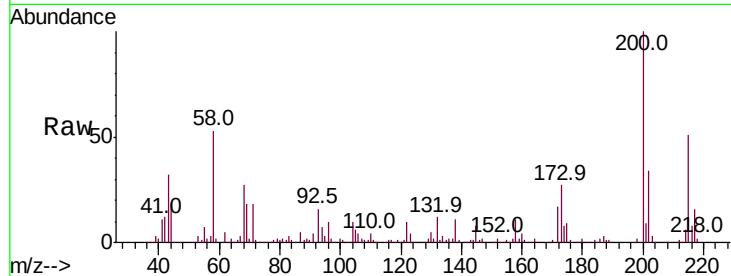
#69
Atrazine
Concen: 51.458 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.1	46.1
215	50.8	30.8	70.8

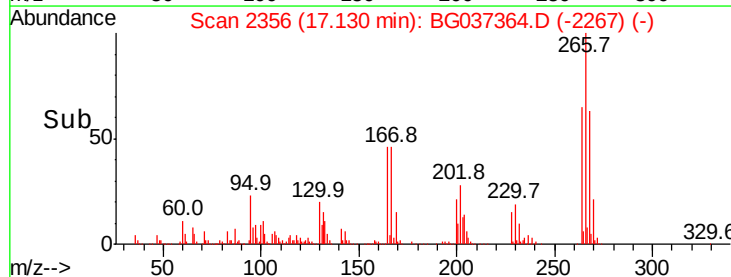
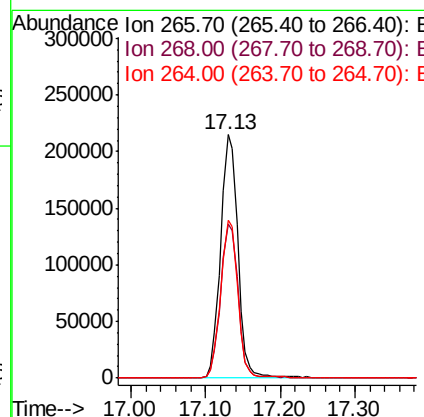
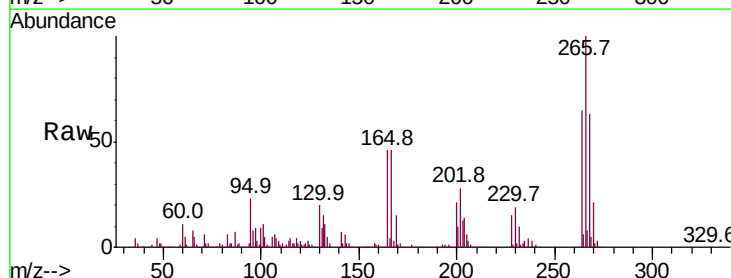
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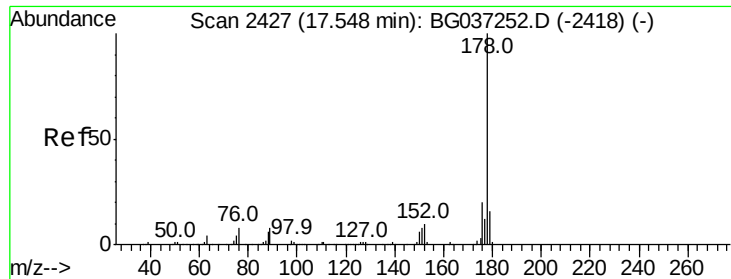
Sohil
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#70
Pentachlorophenol
Concen: 93.405 ng
RT: 17.13 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	55.0	82.6
264	70.3	58.9	88.3





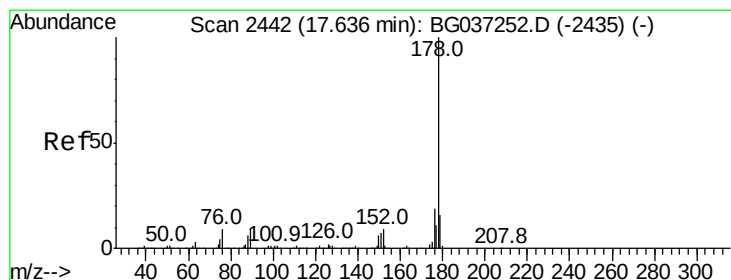
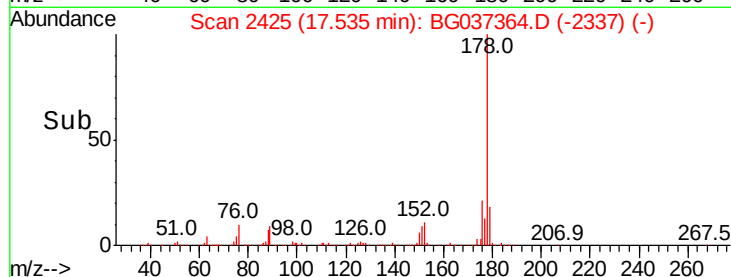
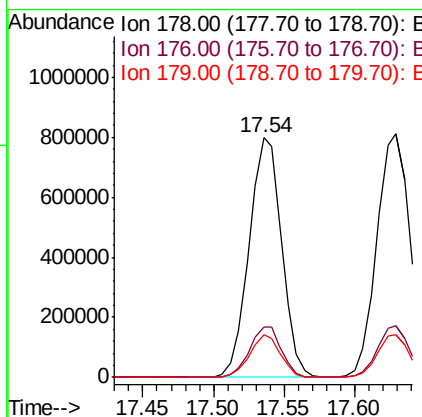
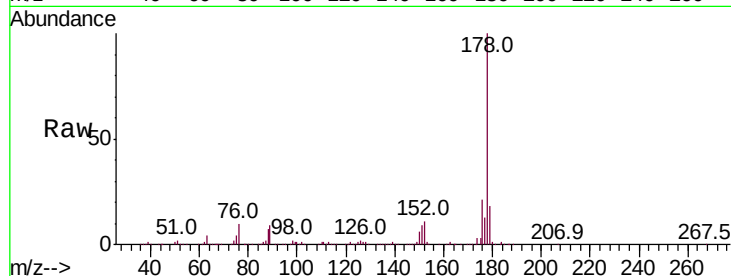
#71
Phenanthrene
Concen: 49.420 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion:178 Resp: 1295892
Ion Ratio Lower Upper
178 100
176 21.2 16.1 24.1
179 17.7 13.0 19.4

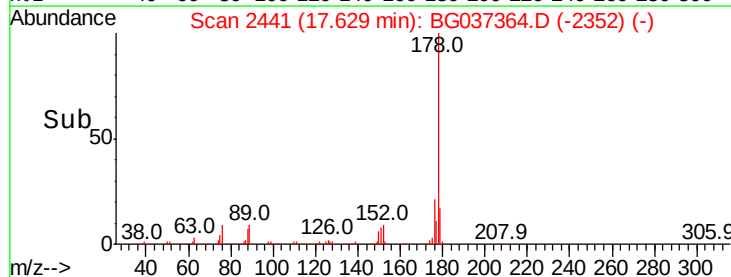
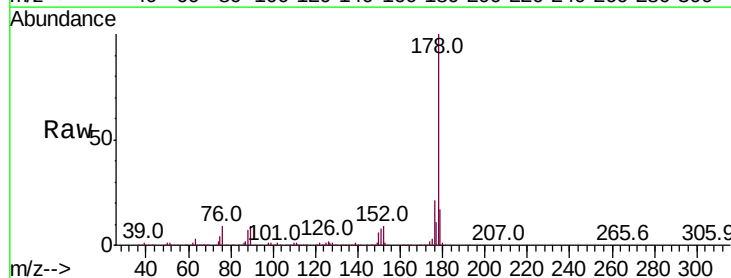
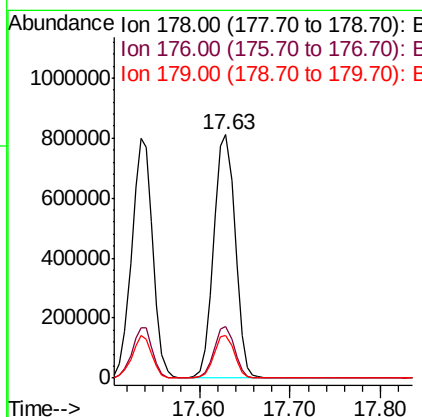
Manual Integrations
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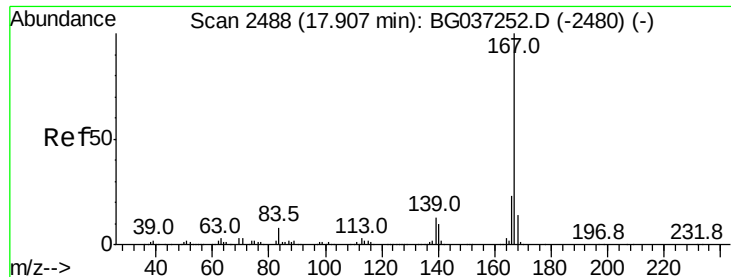
Sohil
10/17/2018 2:59:35 PM



#72
Anthracene
Concen: 51.710 ng
RT: 17.63 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion:178 Resp: 1327196
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.4
179 17.5 12.8 19.2





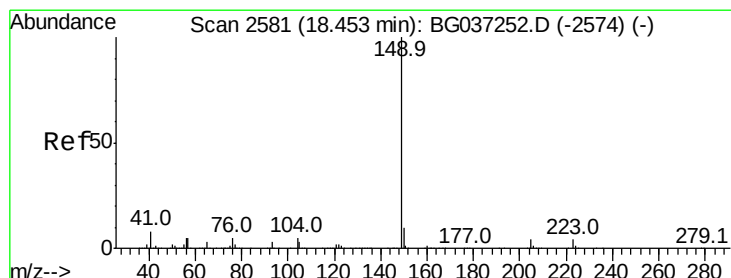
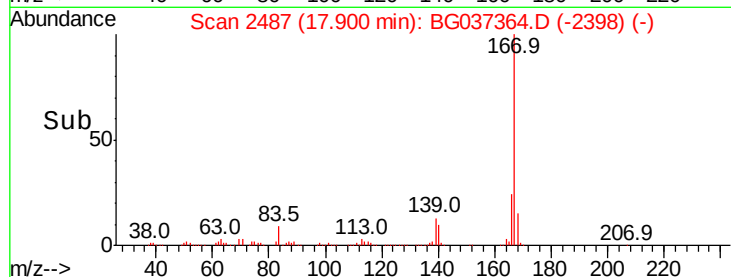
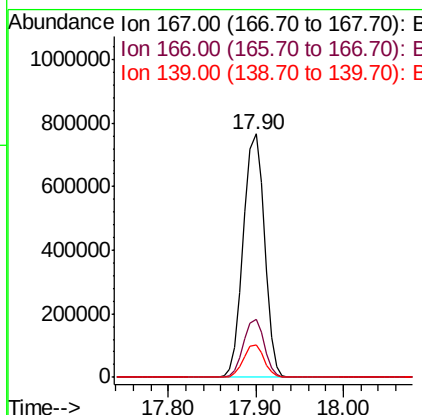
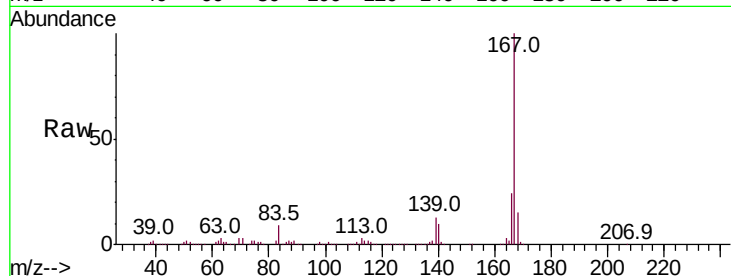
#73
 Carbazole
 Concen: 46.916 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB113496BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.1	18.3	27.5
139	13.3	10.5	15.7

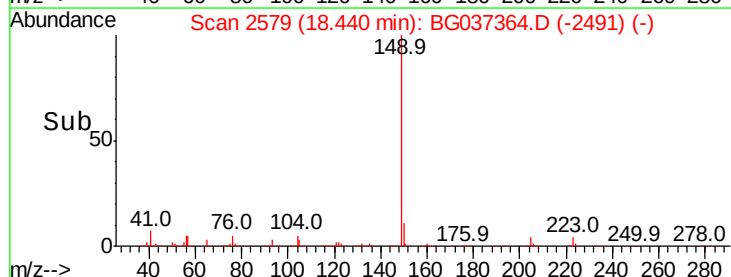
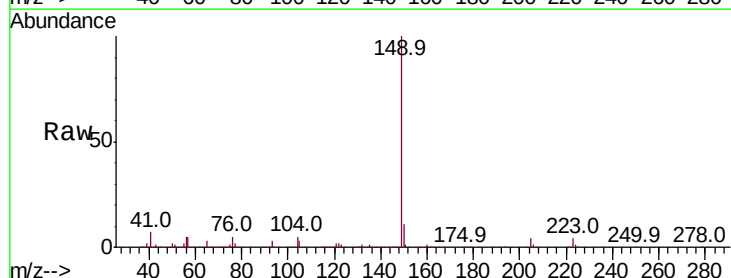
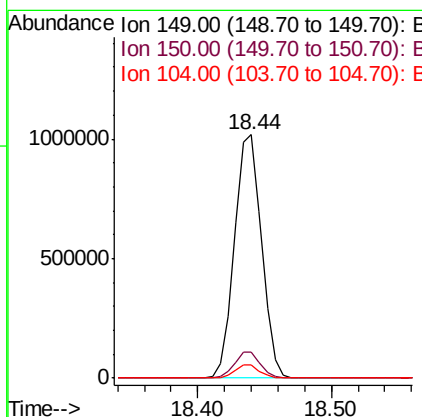
Manual Integrations
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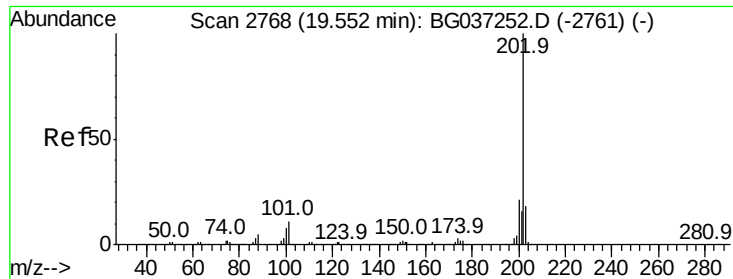
Sohil
 10/17/2018 2:59:35 PM



#74
 Di-n-butylphthalate
 Concen: 50.583 ng
 RT: 18.44 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG037364.D
 Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 50.305 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

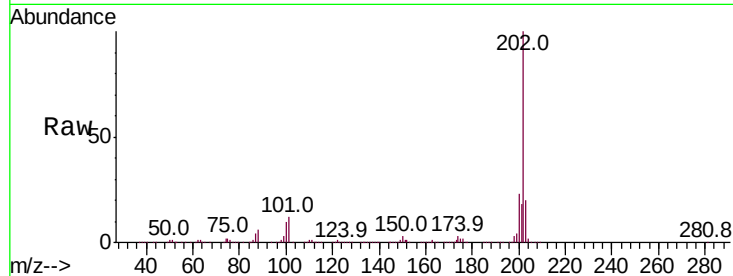
ClientSampled :

PB113496BSD

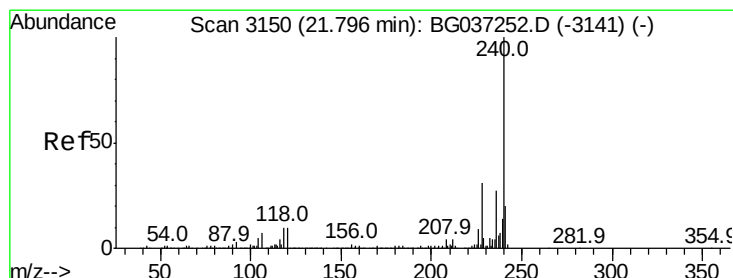
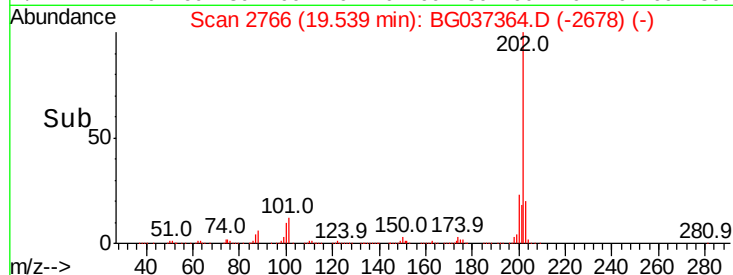
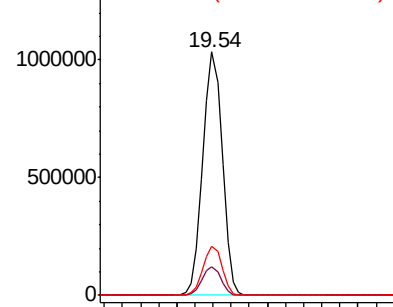
Tot Ion:	202	Resp:	1541744
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.7
203	20.2	0.0	38.5

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

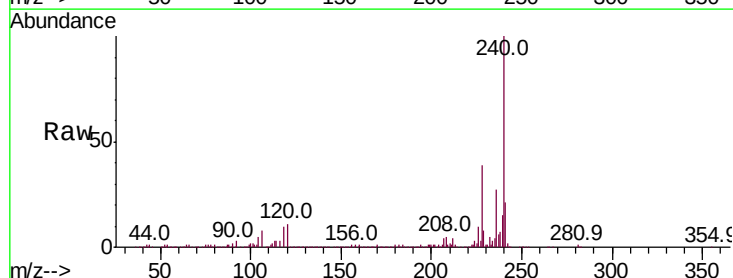
RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

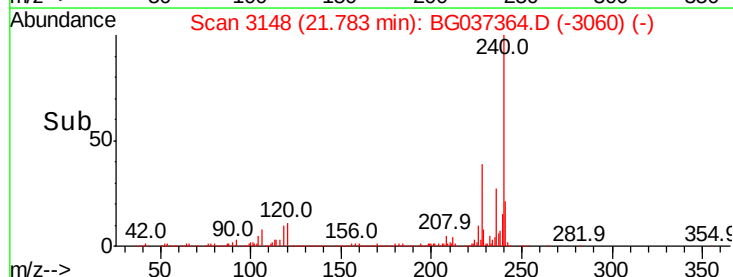
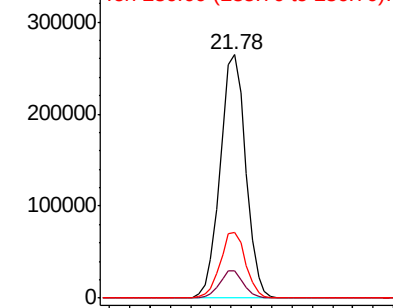
Lab File: BG037364.D

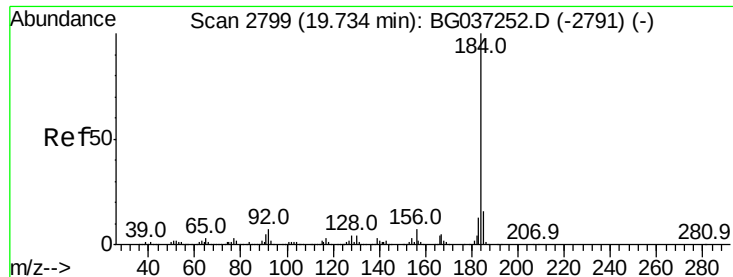
Acq: 16 Oct 2018 18:08

Tgt Ion:	240	Resp:	464859
Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	26.9	21.4	32.0



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





#77

Benzidine

Concen: 19.990 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

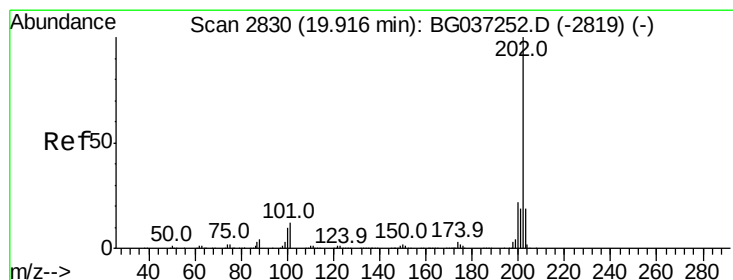
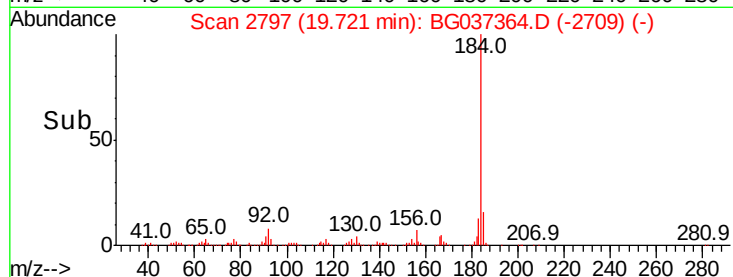
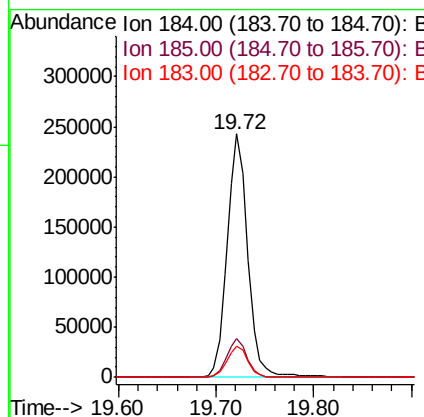
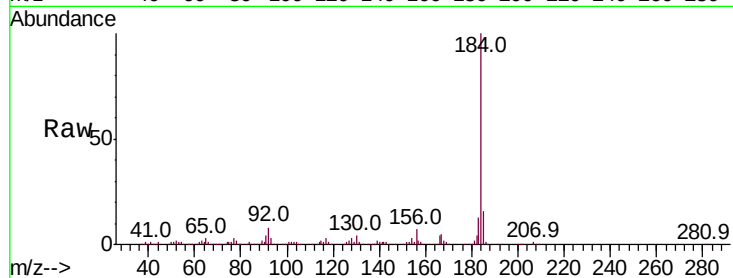
ClientSampleId :

PB113496BSD

Tot Ion:	184	Resp:	355490
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	18.8
183	12.9	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 50.463 ng

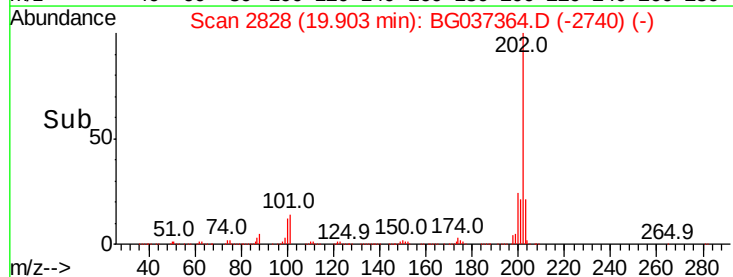
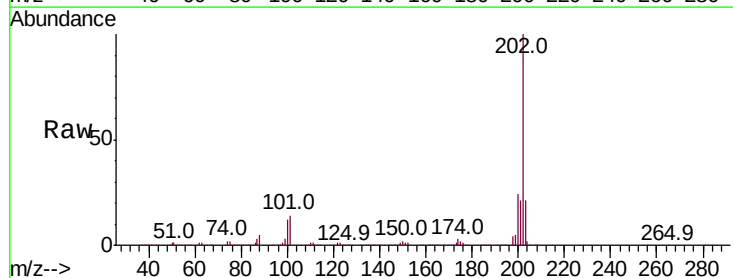
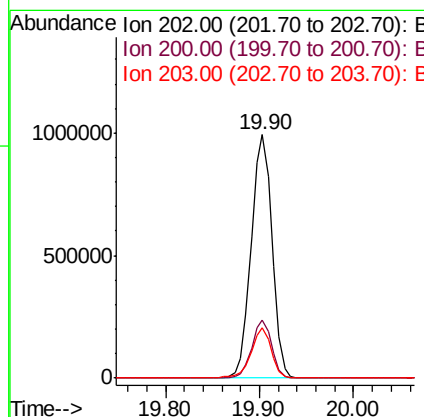
RT: 19.90 min Scan# 2828

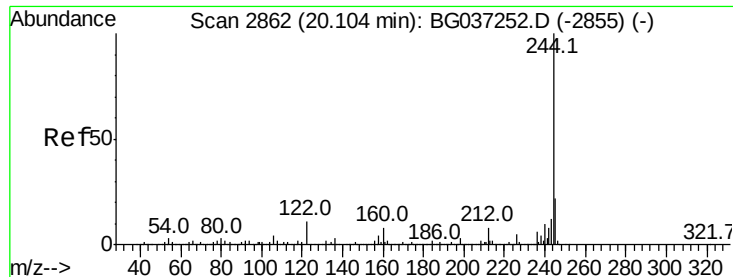
Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion:	202	Resp:	1528864
Ion Ratio	Lower	Upper	
202	100		
200	23.8	17.8	26.6
203	20.5	15.2	22.8





#79

Terphenyl-d14

Concen: 92.573 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion:244 Resp: 2049455

Ion Ratio Lower Upper

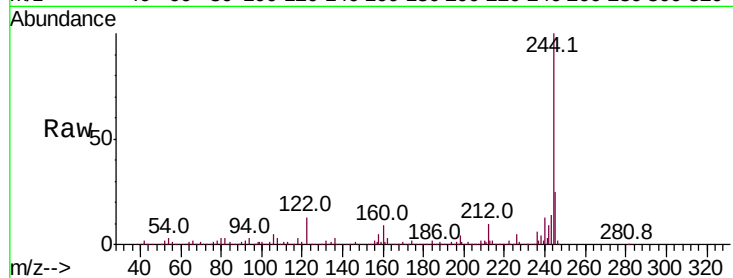
244 100

212 9.8 6.5 9.7#

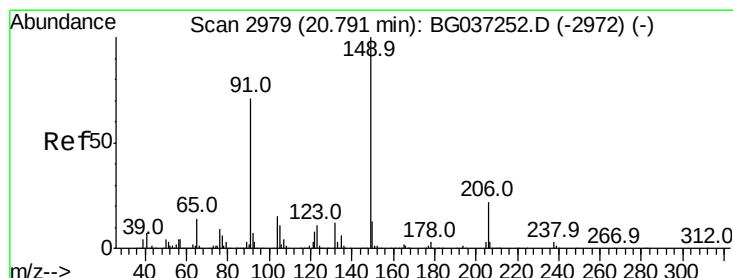
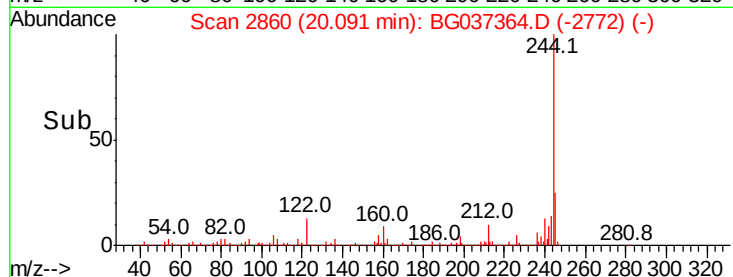
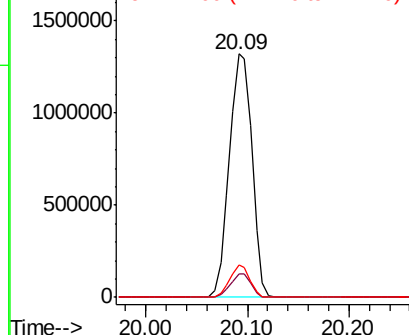
122 13.3 9.0 13.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.731 ng

RT: 20.78 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

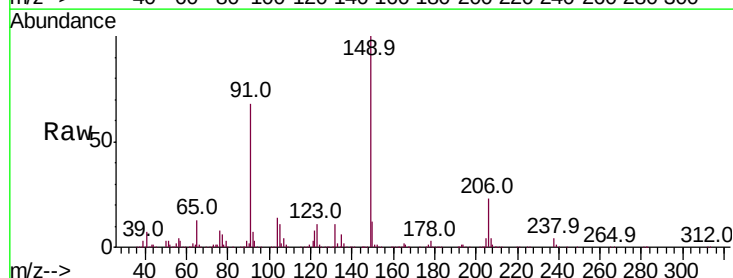
Tgt Ion:149 Resp: 668722

Ion Ratio Lower Upper

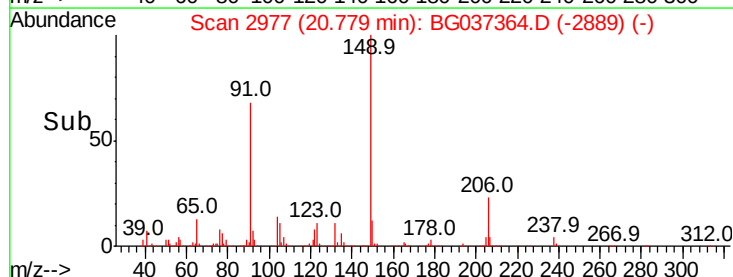
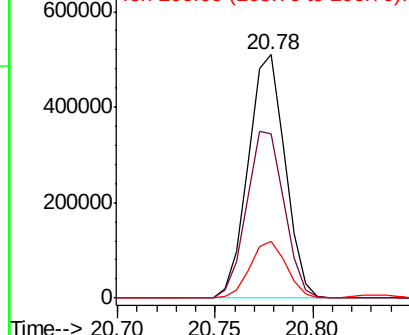
149 100

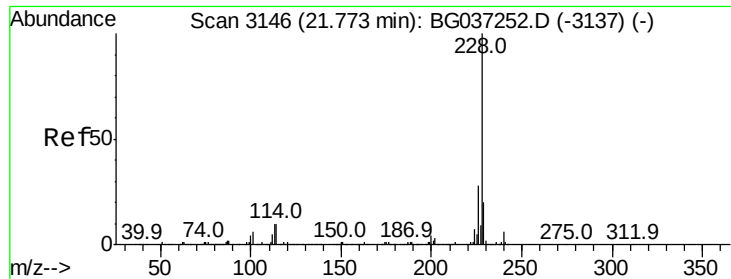
91 67.7 57.0 85.4

206 23.5 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.824 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

ClientSampled :

PB113496BSD

Tot Ion:228 Resp: 1442814

Ion Ratio Lower Upper

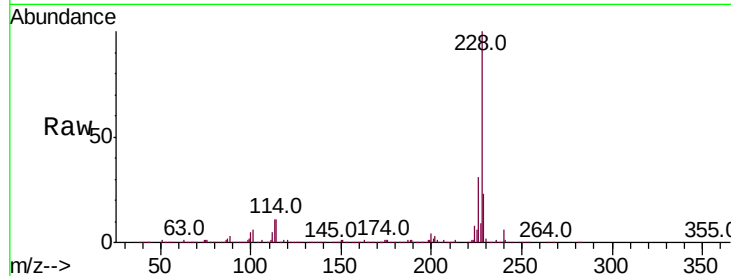
228 100

226 31.4 22.6 33.8

229 22.7 16.3 24.5

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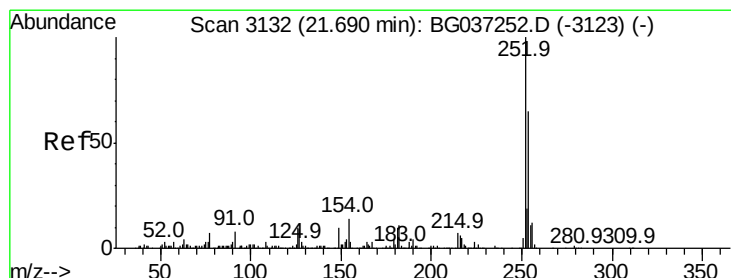
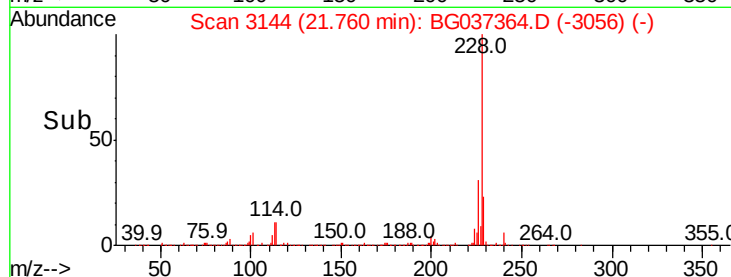
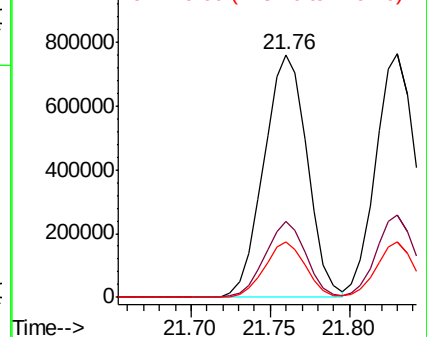


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.836 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

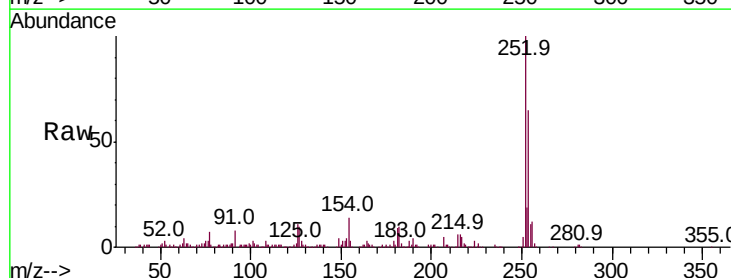
Tgt Ion:252 Resp: 255986

Ion Ratio Lower Upper

252 100

254 65.4 52.0 78.0

126 10.8 8.2 12.4

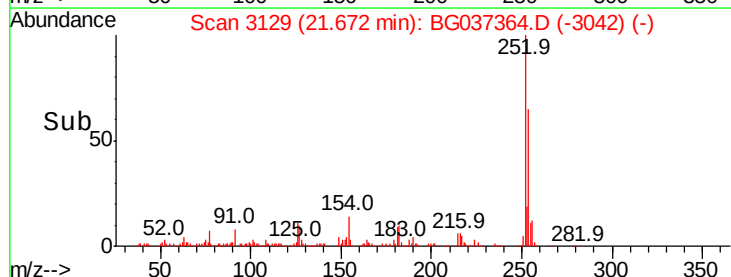
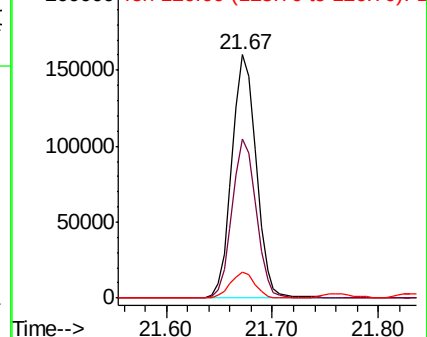


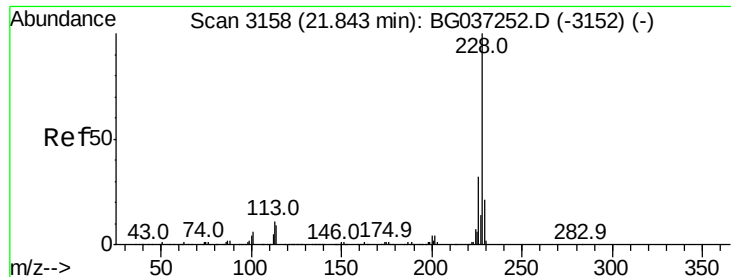
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





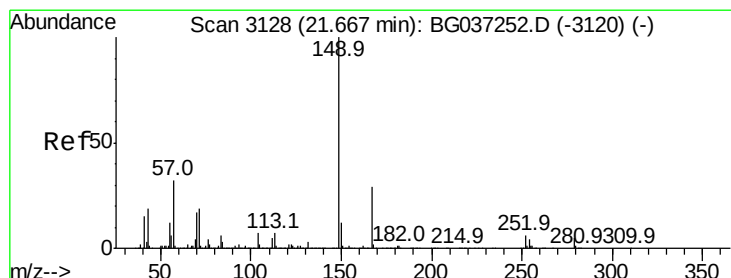
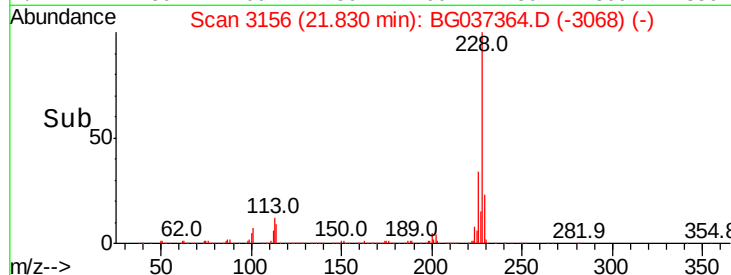
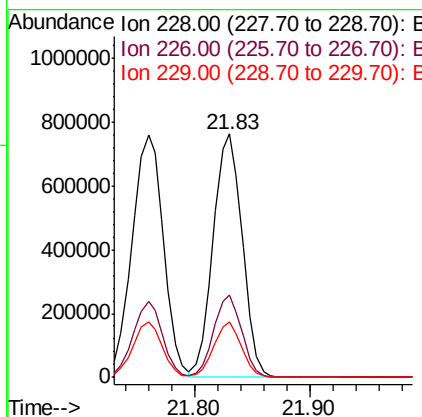
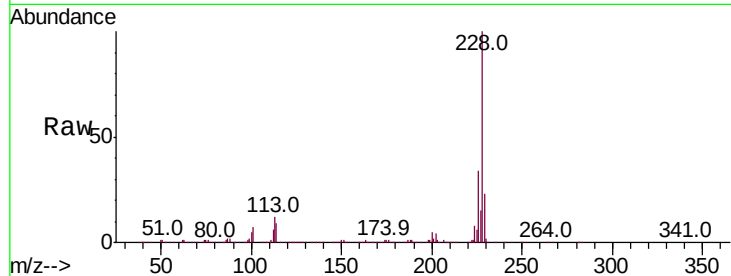
#83
Chrysene
Concen: 50.127 ng
RT: 21.83 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion:228 Resp: 1331261
Ion Ratio Lower Upper
228 100
226 34.0 25.7 38.5
229 22.9 16.5 24.7

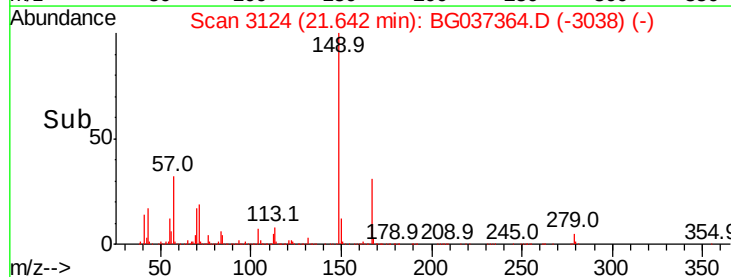
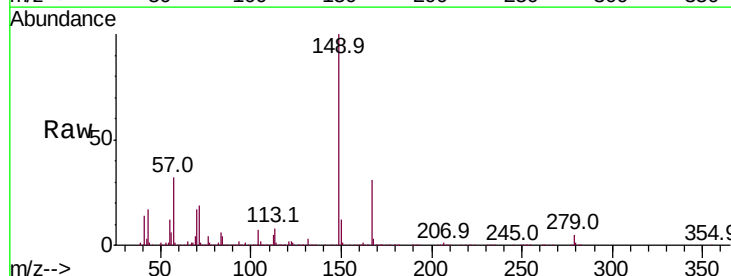
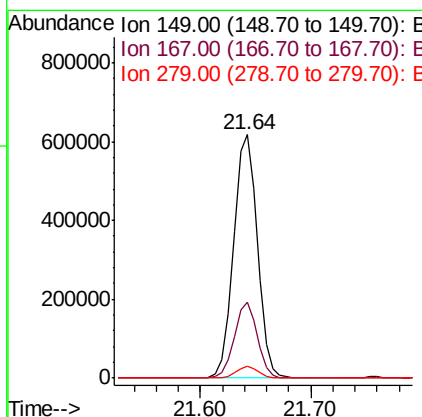
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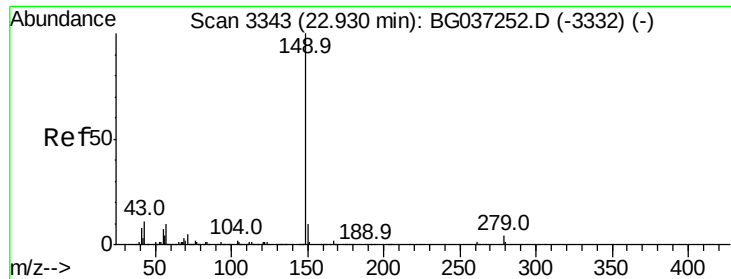
Sohil
10/17/2018 2:59:35 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.133 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion:149 Resp: 933205
Ion Ratio Lower Upper
149 100
167 31.3 23.0 34.4
279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 56.842 ng

RT: 22.89 min Scan# 3337

Delta R.T. -0.04 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB113496BSD

Tot Ion:149 Resp: 1561618

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

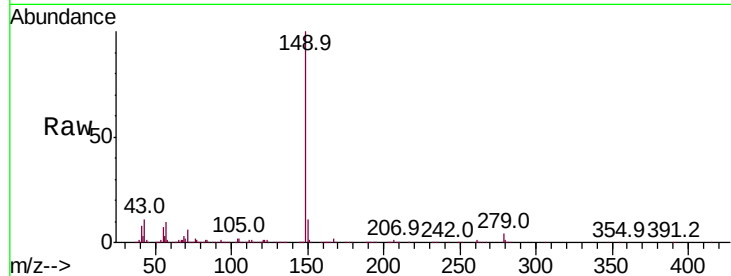
43 10.3 8.7 13.1

Manual Integrations

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Sohil

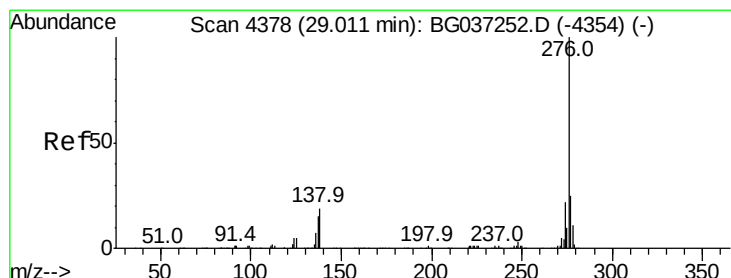
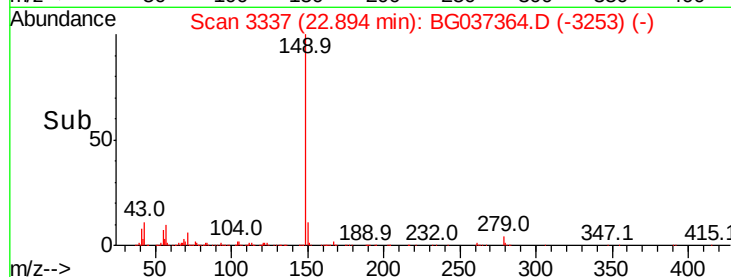
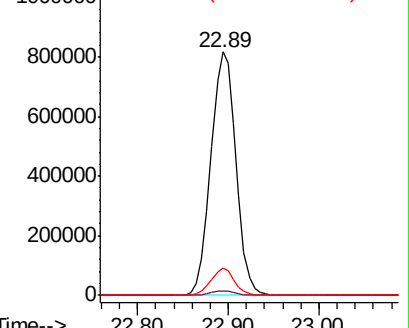
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.061 ng

RT: 28.97 min Scan# 4371

Delta R.T. -0.04 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

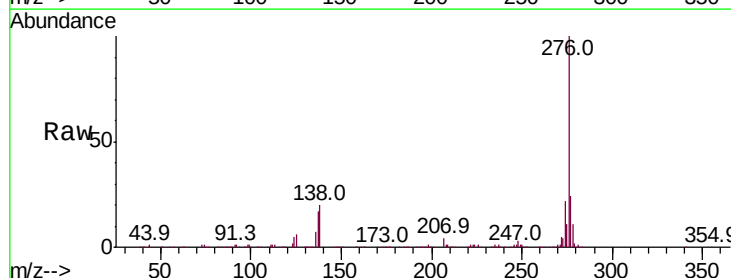
Tgt Ion:276 Resp: 1650251

Ion Ratio Lower Upper

276 100

138 17.1 12.0 18.0

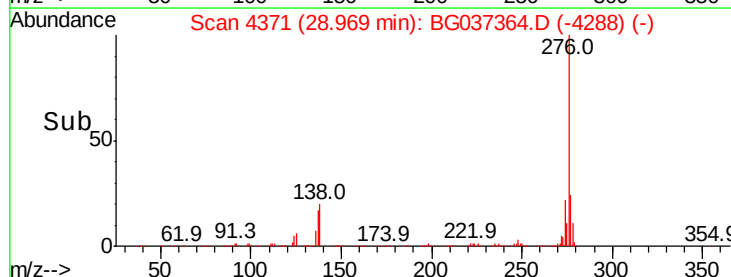
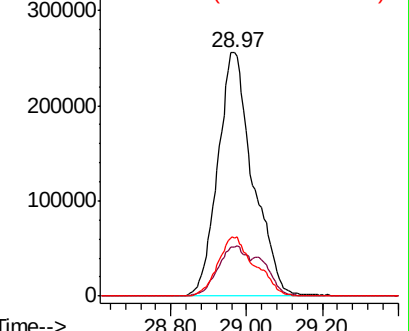
277 25.7 20.6 30.8

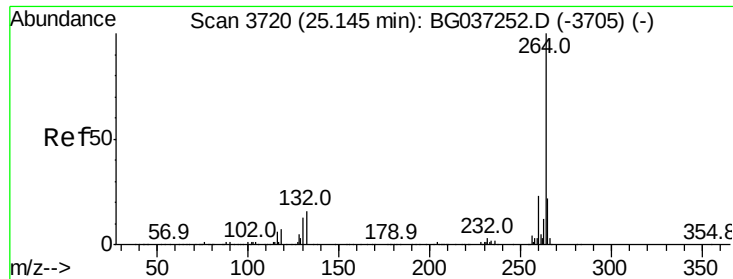


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Instrument :

BNA_G

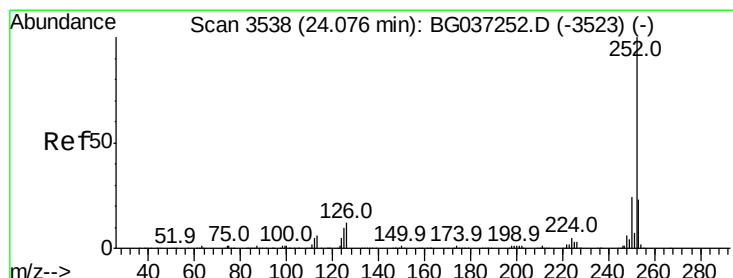
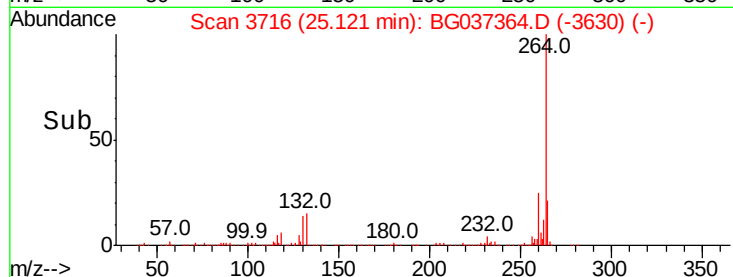
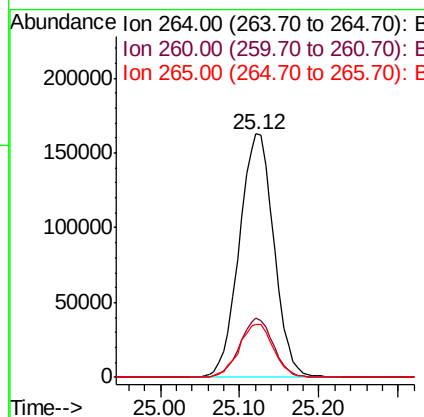
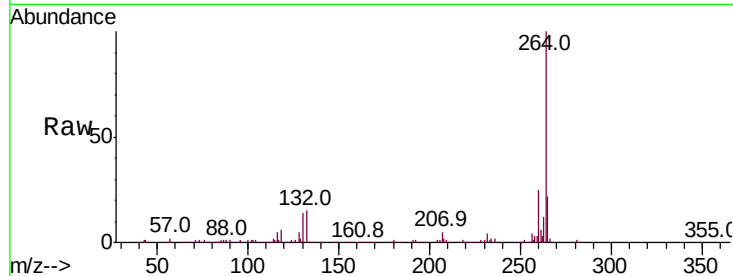
ClientSampleId :

PB113496BSD

Tot Ion:	264	Resp:	492312
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.2	27.4
265	21.6	17.9	26.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 55.757 ng

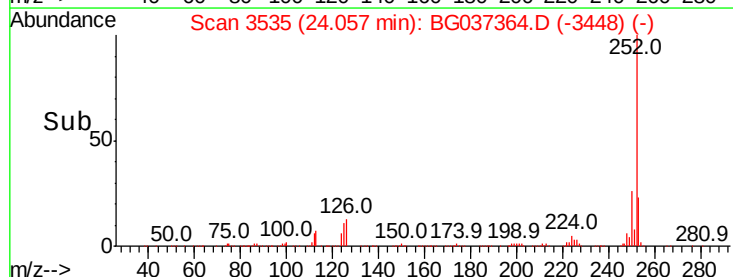
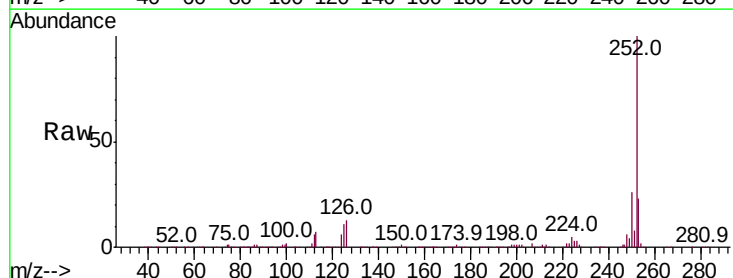
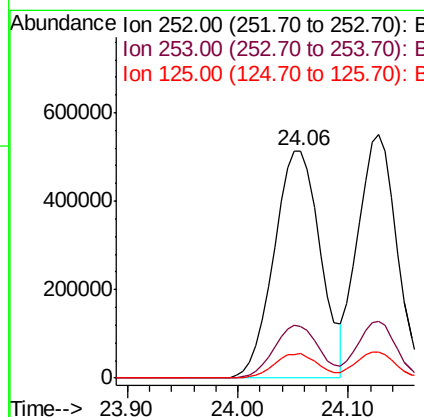
RT: 24.06 min Scan# 3535

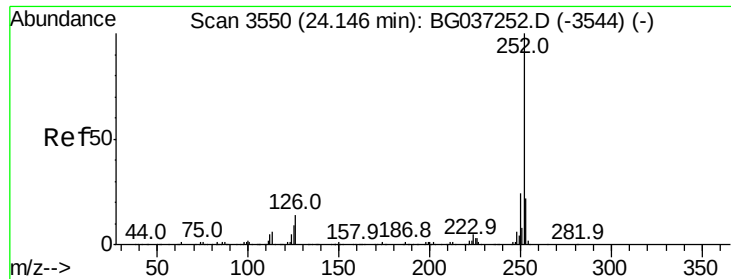
Delta R.T. -0.02 min

Lab File: BG037364.D

Acq: 16 Oct 2018 18:08

Tgt Ion:	252	Resp:	1492393
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	10.6	7.8	11.6





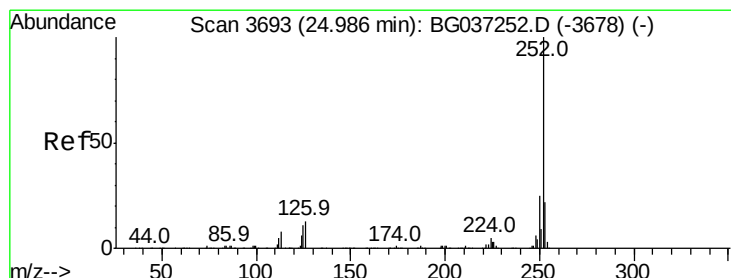
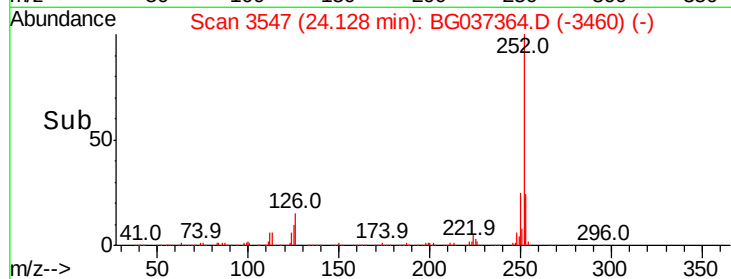
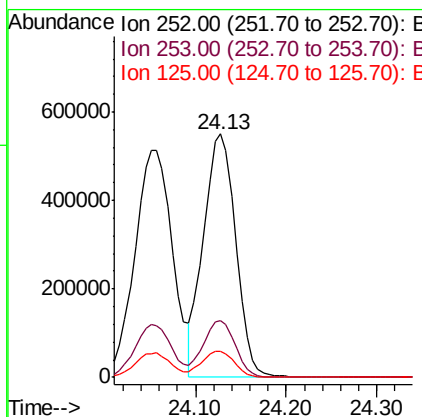
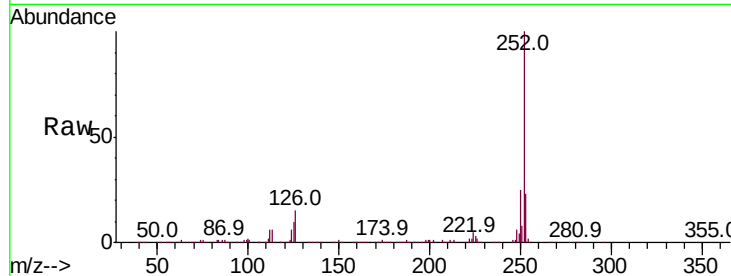
#89
Benzo(k)fluoranthene
Concen: 51.324 ng
RT: 24.13 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion:252 Resp: 135557
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.5 7.4 11.0

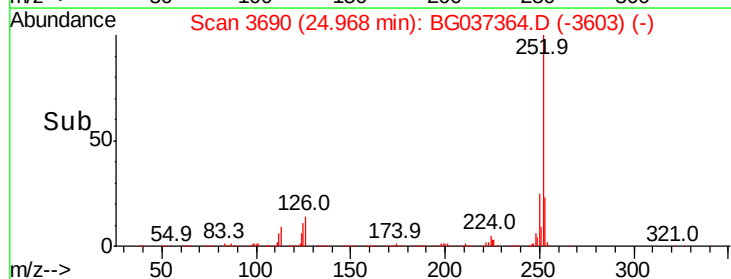
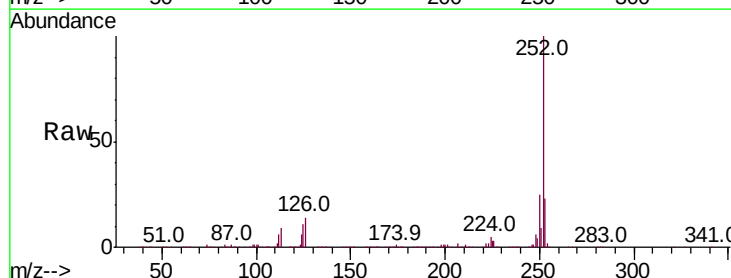
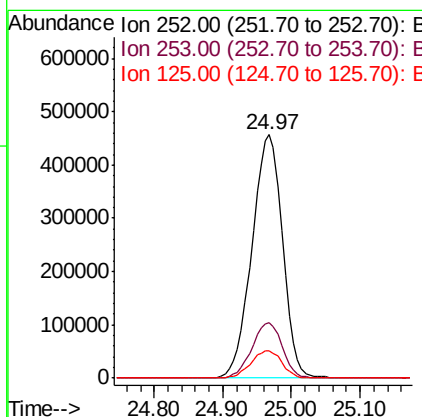
Manual Integrations
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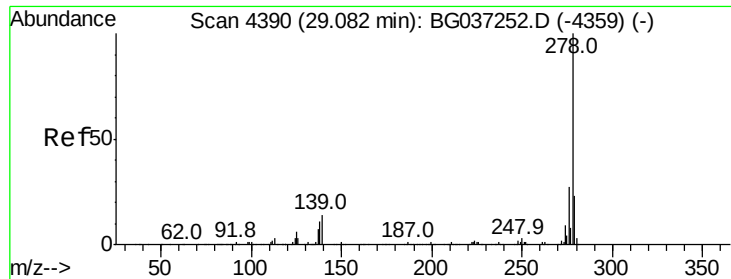
Sohil
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#90
Benzo(a)pyrene
Concen: 55.074 ng
RT: 24.97 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion:252 Resp: 1413520
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.2 9.0 13.6





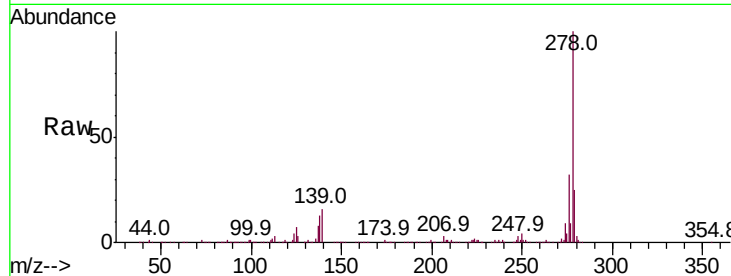
#91
Dibenzo(a,h)anthracene
Concen: 54.016 ng
RT: 29.04 min Scan# 4383
Delta R.T. -0.04 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB113496BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	25.0	18.6	27.8

Manual Integrations
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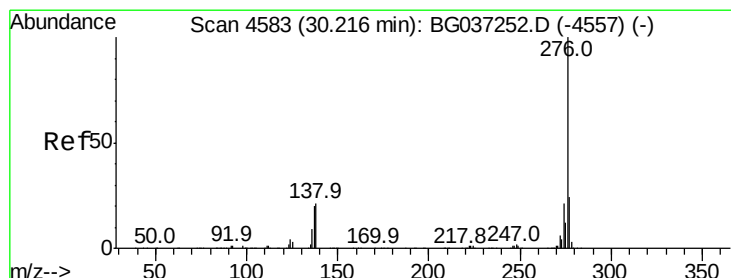
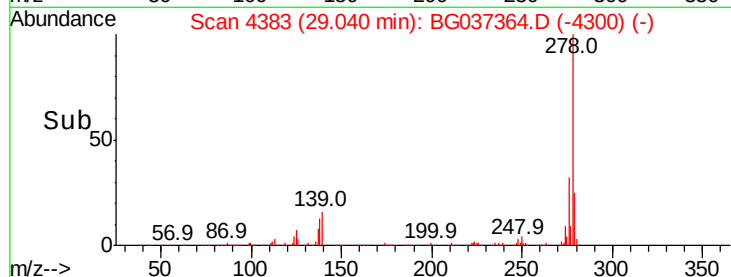
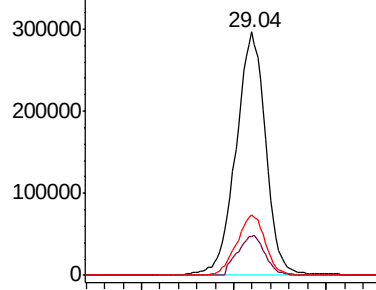


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 55.491 ng
RT: 30.17 min Scan# 4576
Delta R.T. -0.04 min
Lab File: BG037364.D
Acq: 16 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	22.7	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

