

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040721.D
 Acq On : 3 May 2019 00:04
 Operator : JU/SJ
 Sample : PB119404BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BS

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:29:25 PM

Quant Time: May 03 07:37:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	56840	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	242096	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	186281	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	518964	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	530077	20.00	ng	-0.02
87) Perylene-d12	25.16	264	472082	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	516303	160.12	ng	0.00
7) Phenol-d6	7.29	99	746185	150.30	ng	0.00
23) Nitrobenzene-d5	9.32	82	437668	83.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	411604	160.75	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	928854	72.01	ng	-0.02
79) Terphenyl-d14	20.11	244	1931779	80.74	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.54	88	48740	33.237 ng	95
3) Pyridine	3.95	79	129344	30.430 ng	96
4) n-Nitrosodimethylamine	3.87	42	89365	37.905 ng	95
6) Aniline	7.47	93	201028	30.549 ng	99
8) 2-Chlorophenol	7.70	128	164655	41.820 ng	96
9) Benzaldehyde	7.28	77	88228	26.670 ng	94
10) Phenol	7.31	94	230453	43.181 ng	93
11) bis(2-Chloroethyl)ether	7.56	93	151464	37.847 ng	98
12) 1,3-Dichlorobenzene	8.03	146	161400	37.557 ng	99
13) 1,4-Dichlorobenzene	8.18	146	168610	38.704 ng	97
14) 1,2-Dichlorobenzene	8.50	146	162354	38.644 ng	99
15) Benzyl Alcohol	8.38	79	202421	39.184 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	273282	34.298 ng	98
17) 2-Methylphenol	8.58	107	158040	41.844 ng	97
18) Hexachloroethane	9.24	117	64700	36.205 ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	152679	34.163 ng	98
20) 3+4-Methylphenols	8.91	107	221397	42.079 ng	99
22) Acetophenone	8.98	105	269180	39.985 ng	# 95
24) Nitrobenzene	9.37	77	232125	41.523 ng	97
25) Isophorone	9.88	82	434643	37.242 ng	99
26) 2-Nitrophenol	10.08	139	94356	47.087 ng	96
27) 2,4-Dimethylphenol	10.12	122	178235	47.406 ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	217387	37.125 ng	99
29) 2,4-Dichlorophenol	10.61	162	196110	45.880 ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	198676	41.915 ng	98
31) Naphthalene	11.02	128	508602	39.544 ng	99
32) Benzoic acid	10.25	122	136931	53.201 ng	96
33) 4-Chloroaniline	11.13	127	135616	23.781 ng	# 93
34) Hexachlorobutadiene	11.29	225	139264	39.796 ng	99
35) Caprolactam	11.92	113	73553m	43.585 ng	
36) 4-Chloro-3-methylphenol	12.23	107	240361	44.576 ng	98
37) 2-Methylnaphthalene	12.61	142	389714	40.526 ng	97
38) 1-Methylnaphthalene	12.83	142	373725	39.760 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	264240	38.078 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	267006	65.206	nq	99
43) 2,4,6-Trichlorophenol	13.21	196	192255	45.845	nq	98
44) 2,4,5-Trichlorophenol	13.28	196	209375	45.833	nq	97
46) 1,1'-Biphenyl	13.61	154	528084	36.513	nq	99
47) 2-Chloronaphthalene	13.66	162	433119	38.266	nq	99
48) 2-Nitroaniline	13.87	65	190507	47.284	nq	97
49) Acenaphthylene	14.50	152	707036	36.818	nq	99
50) Dimethylphthalate	14.22	163	618309	39.671	nq	100
51) 2,6-Dinitrotoluene	14.35	165	138821	45.637	nq	93
52) Acenaphthene	14.84	154	412704	36.903	nq	95
53) 3-Nitroaniline	14.68	138	107958	34.638	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	154122	88.974	nq	# 87
55) Dibenzofuran	15.18	168	718942	39.249	nq	99
56) 4-Nitrophenol	14.98	139	247601	91.617	nq	94
57) 2,4-Dinitrotoluene	15.14	165	205310	49.671	nq	93
58) Fluorene	15.82	166	588093	39.722	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	225355	49.011	nq	97
60) Diethylphthalate	15.58	149	669204	40.695	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	356857	41.443	nq	98
62) 4-Nitroaniline	15.85	138	161587	46.347	nq	92
63) Azobenzene	16.10	77	639779	37.778	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	113988	45.084	nq	91
66) n-Nitrosodiphenylamine	16.02	169	555578	36.387	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	242450	37.499	nq	95
68) Hexachlorobenzene	16.81	284	253033	37.848	nq	95
69) Atrazine	16.96	200	244013	40.337	nq	100
70) Pentachlorophenol	17.16	266	345615	88.345	nq	98
71) Phenanthrene	17.56	178	1058007	37.850	nq	97
72) Anthracene	17.66	178	1080923	38.471	nq	99
73) Carbazole	17.92	167	979316	38.256	nq	100
74) Di-n-butylphthalate	18.46	149	1175687	38.051	nq	99
75) Fluoranthene	19.56	202	1393311	39.999	nq	100
77) Benzidine	19.74	184	483741	33.330	nq	99
78) Pyrene	19.92	202	1377654	41.467	nq	98
80) Butylbenzylphthalate	20.79	149	551915	42.623	nq	95
81) Benzo(a)anthracene	21.79	228	1332495	39.775	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	387953	32.490	nq	97
83) Chrysene	21.86	228	1311521	41.164	nq	97
84) Bis(2-ethylhexyl)phthalate	21.66	149	753777	40.327	nq	97
85) Di-n-octyl phthalate	22.91	149	1270204	40.351	nq	99
86) Indeno(1,2,3-cd)pyrene	29.02	276	1528763	39.686	nq	# 90
88) Benzo(b)fluoranthene	24.09	252	1396409	48.405	nq	98
89) Benzo(k)fluoranthene	24.16	252	1339560	49.721	nq	97
90) Benzo(a)pyrene	25.01	252	1354946	49.619	nq	99
91) Dibenzo(a,h)anthracene	29.10	278	1261566	45.653	nq	96
92) Benzo(g,h,i)perylene	30.25	276	1257890	45.737	nq	98

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

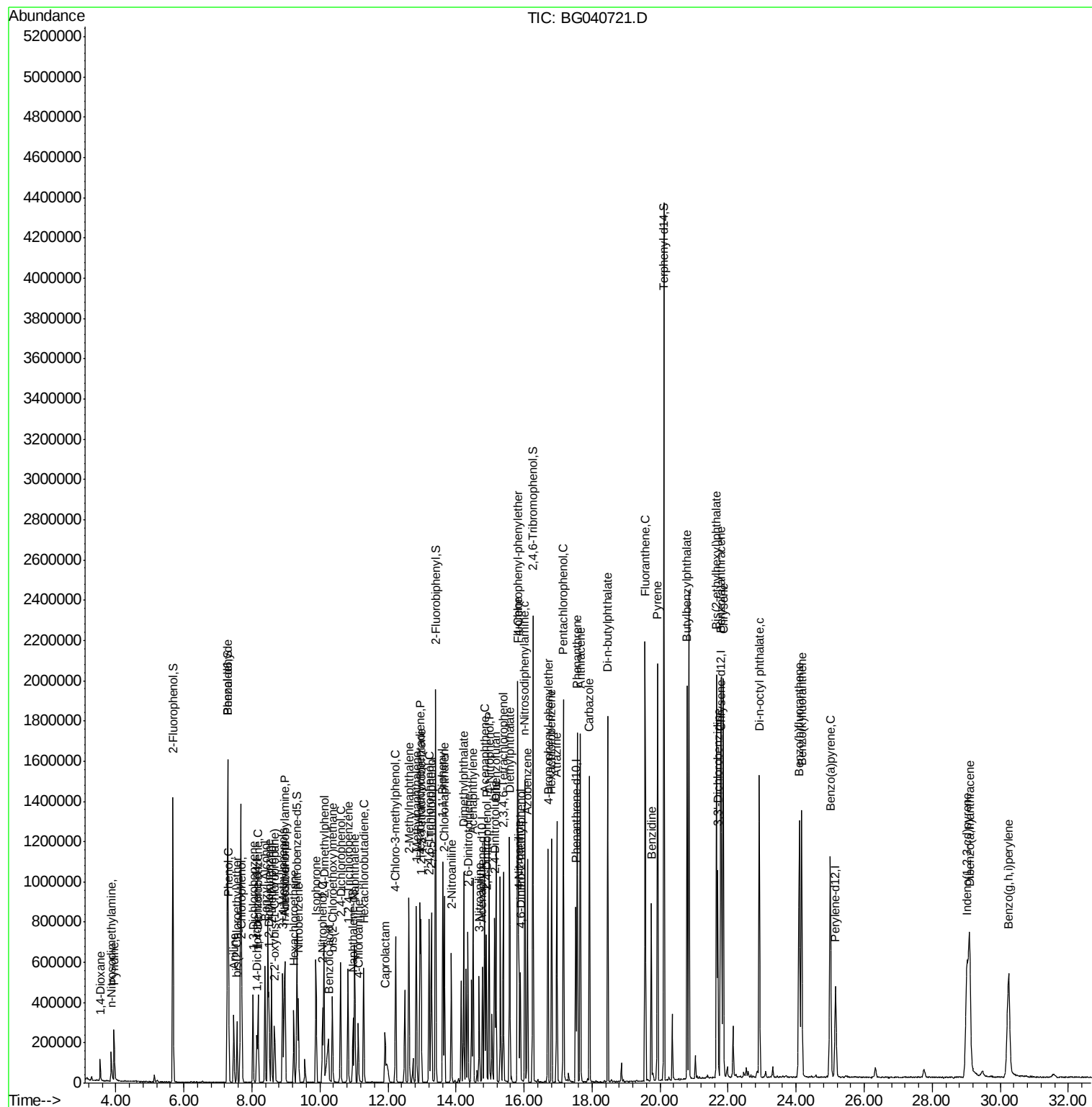
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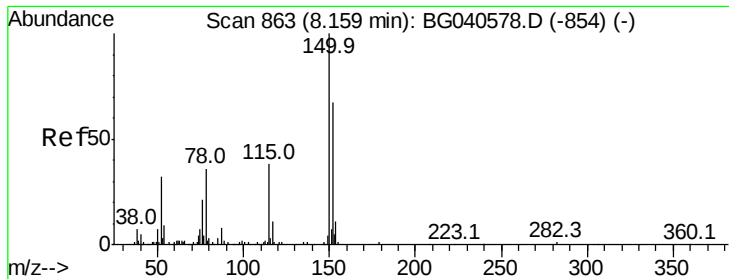
Instrument :
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ClientSampleId :
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#1

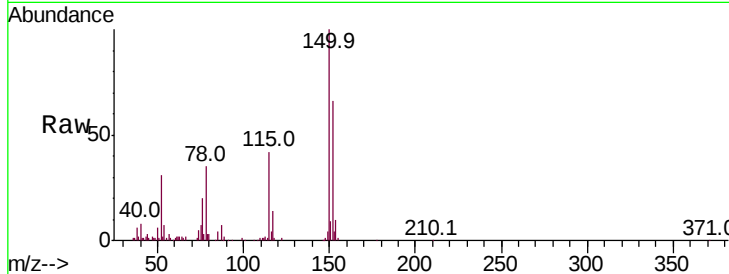
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

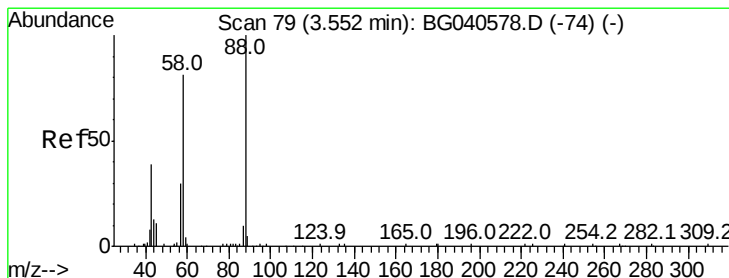
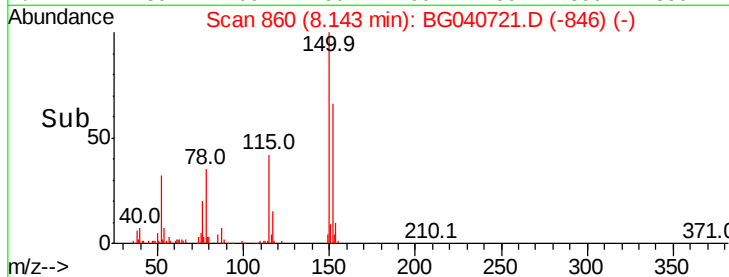
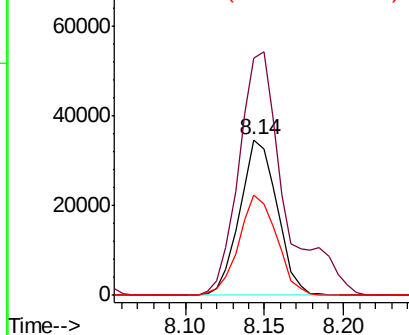
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	120.2	180.2
115	64.1	46.2	69.2

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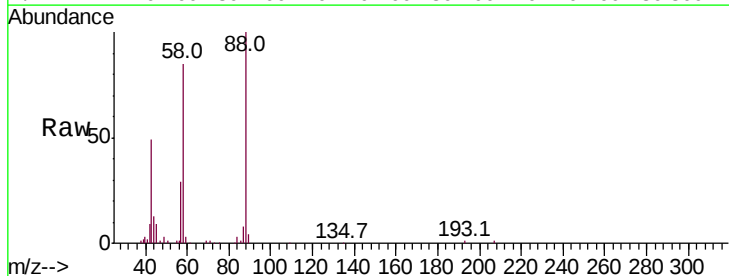
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



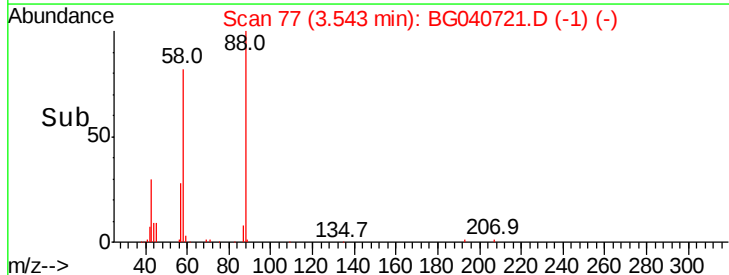
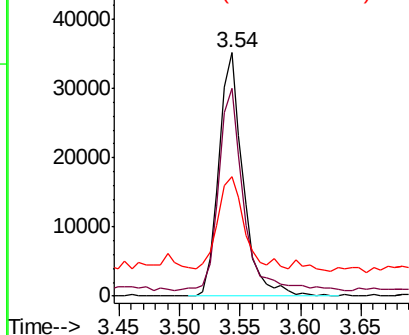
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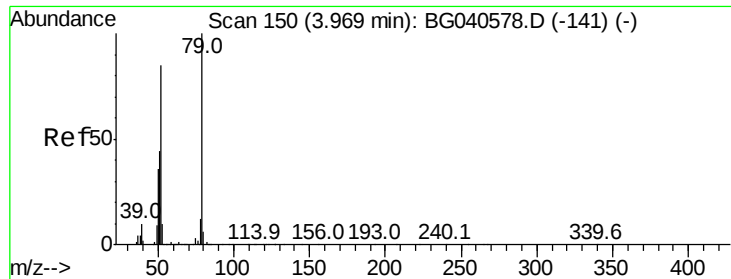
1,4-Dioxane
Concen: 33.237 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	71.2	106.8
43	40.0	35.6	53.4



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: 30.430 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

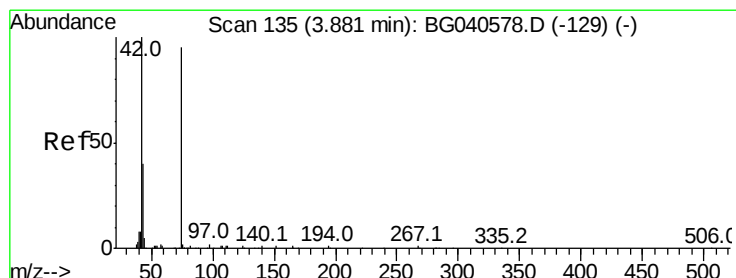
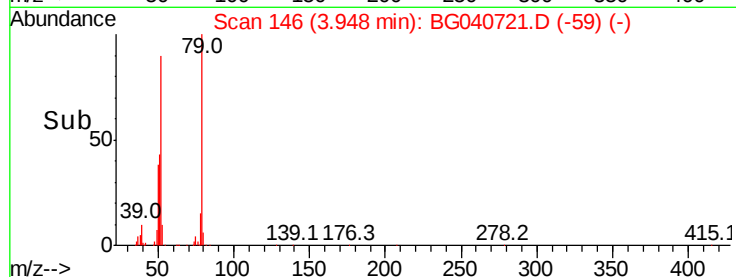
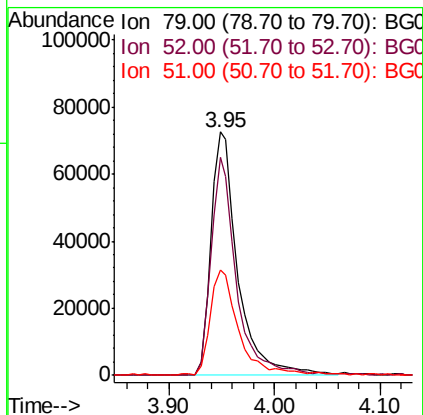
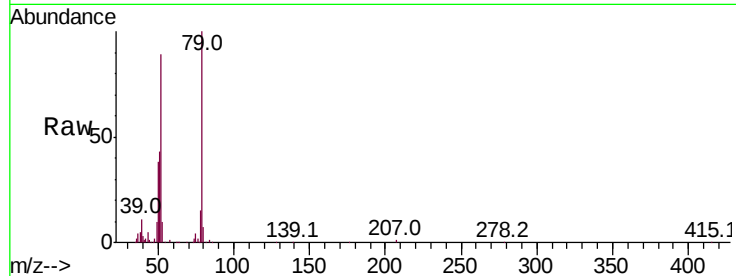
ClientSampleId :

PB119404BS

Tot Ion:	79	Resp:	129344
Ion	Ratio	Lower	Upper
79	100		
52	89.4	67.5	101.3
51	43.4	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 37.905 ng

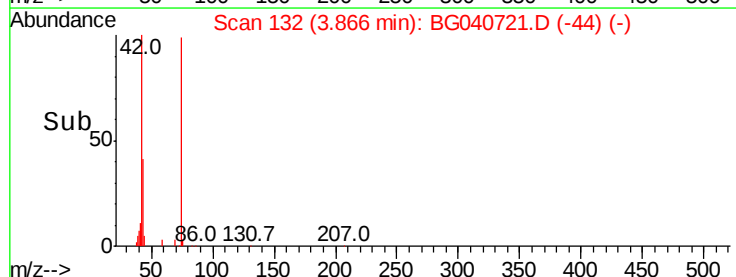
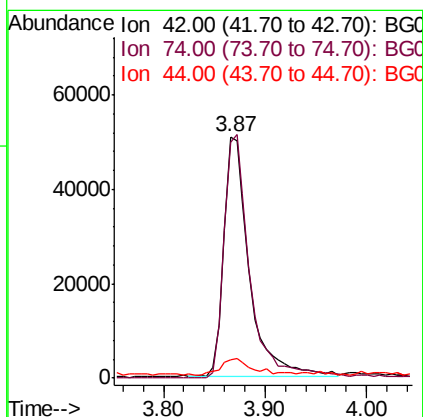
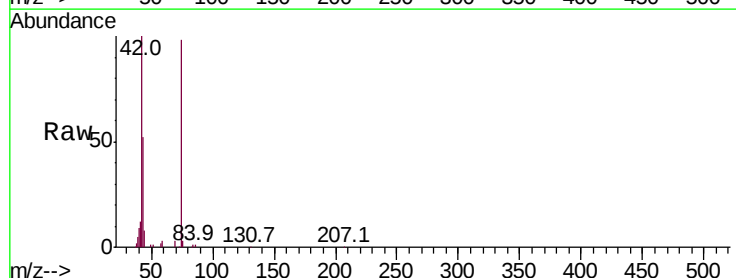
RT: 3.87 min Scan# 132

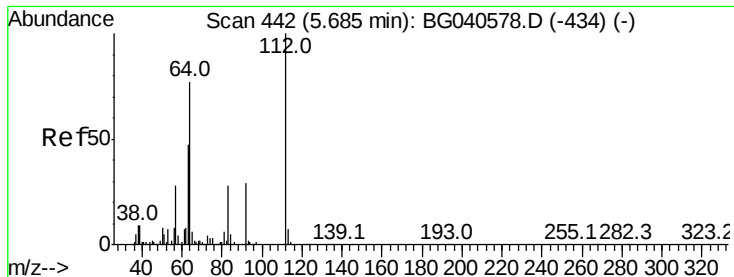
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	42	Resp:	89365
Ion	Ratio	Lower	Upper
42	100		
74	97.8	74.6	111.8
44	7.8	7.4	11.0





#5

2-Fluorophenol

Concen: 160.120 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

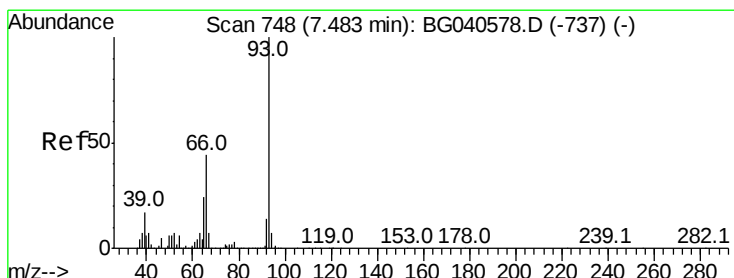
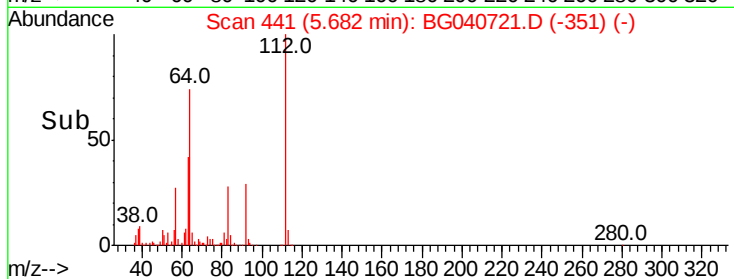
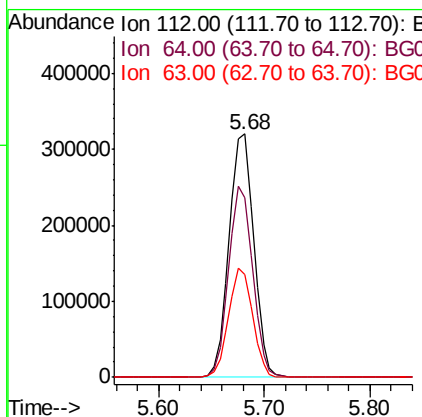
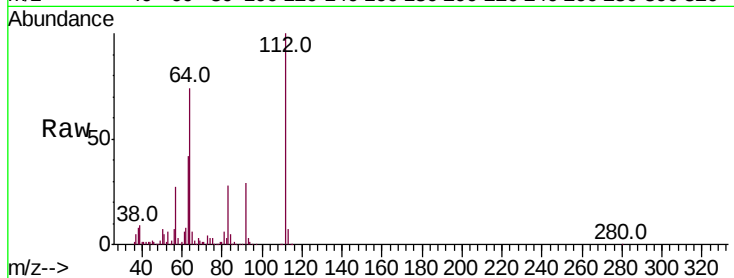
ClientSampleId :

PB119404BS

Tot Ion:	112	Resp:	516303
Ion Ratio	Lower	Upper	
112	100		
64	74.0	61.4	92.0
63	42.1	37.8	56.6

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#6

Aniline

Concen: 30.549 ng

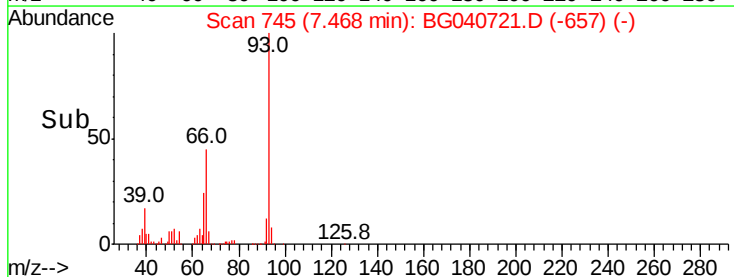
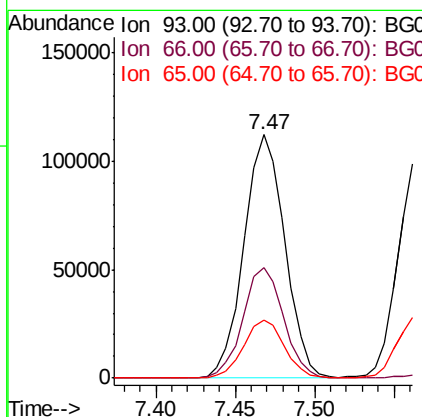
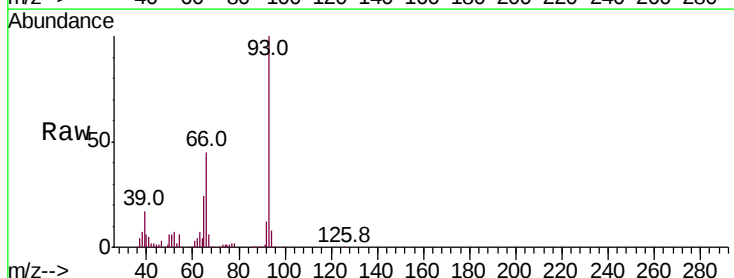
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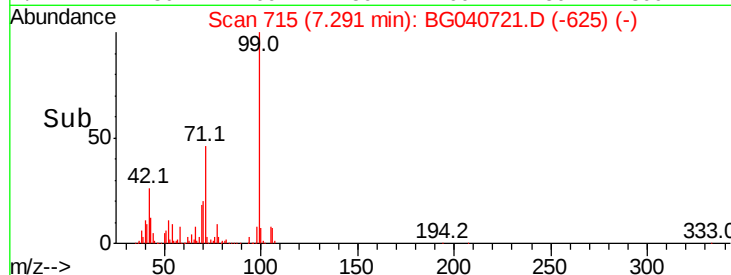
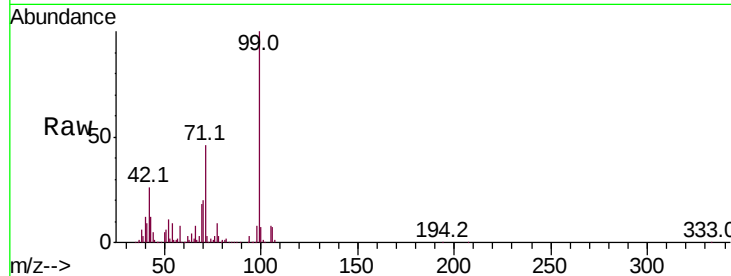
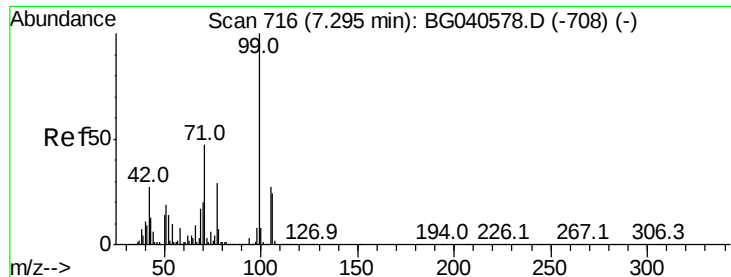
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	93	Resp:	201028
Ion Ratio	Lower	Upper	
93	100		
66	45.2	35.5	53.3
65	23.7	19.2	28.8





#7

Phenol-d6

Concen: 150.295 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tot Ion:	99	Resp:	746185
Ion Ratio	Lower	Upper	
99	100		
42	26.2	21.8	32.8
71	45.9	38.6	57.8

Instrument :

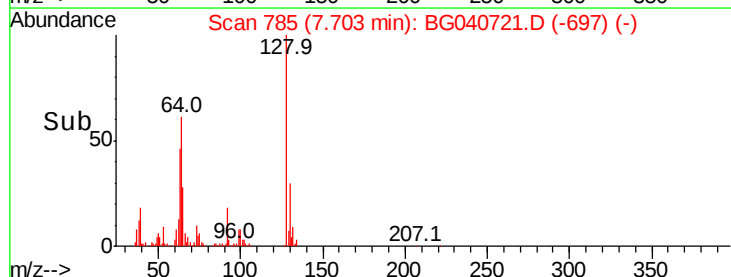
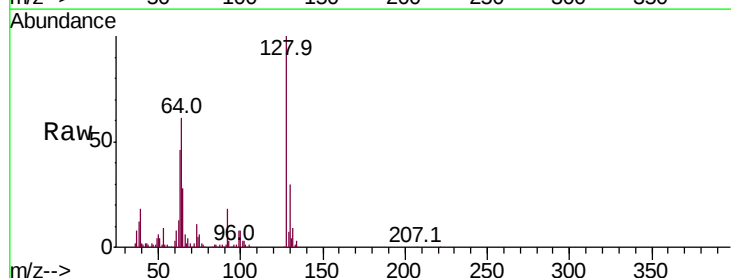
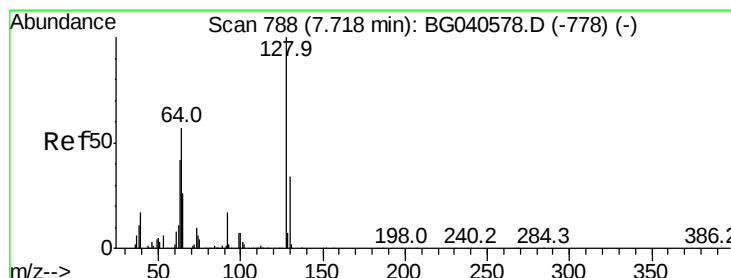
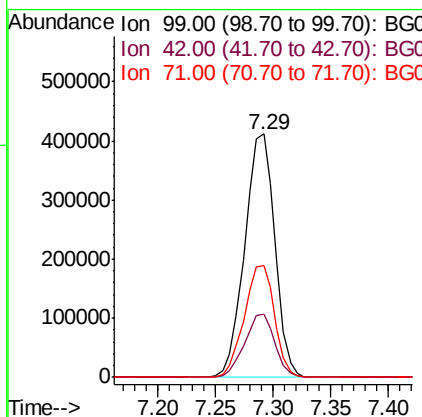
BNA_G

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PB119404BS

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#8

2-Chlorophenol

Concen: 41.820 ng

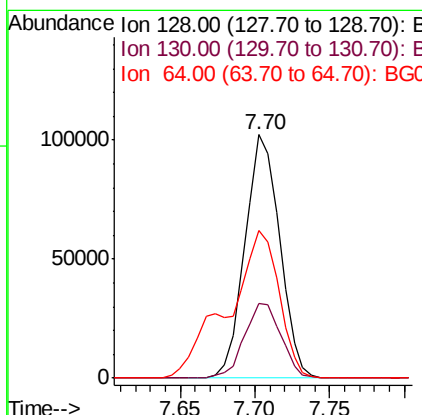
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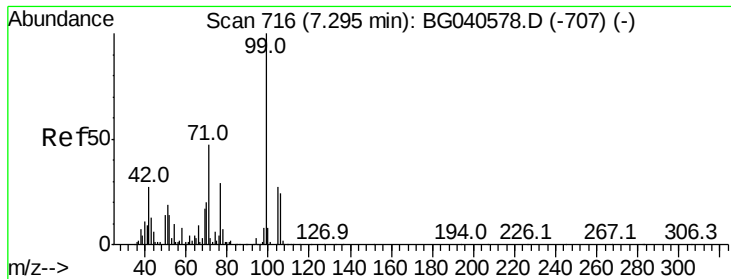
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	128	Resp:	164655
Ion Ratio	Lower	Upper	
128	100		
130	30.5	14.5	54.5
64	60.6	38.4	78.4





#9

Benzaldehyde

Concen: 26.670 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

ClientSampleId :

PB119404BS

Tot Ion: 77 Resp: 88228

Ion Ratio Lower Upper

77 100

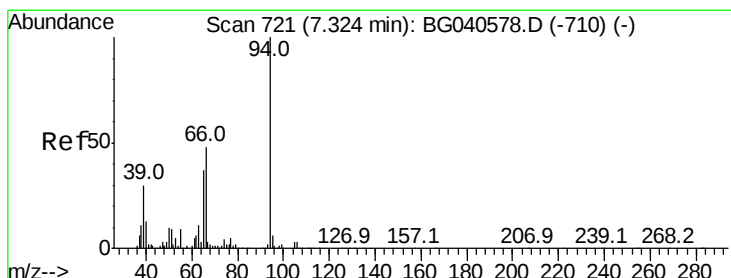
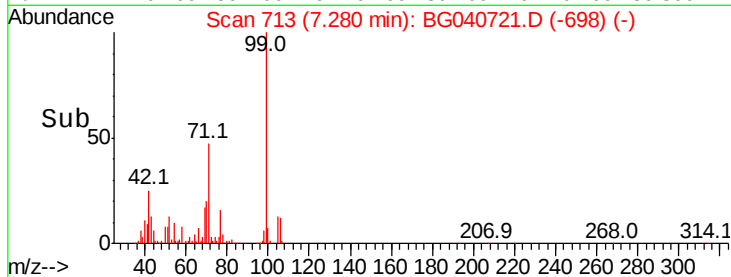
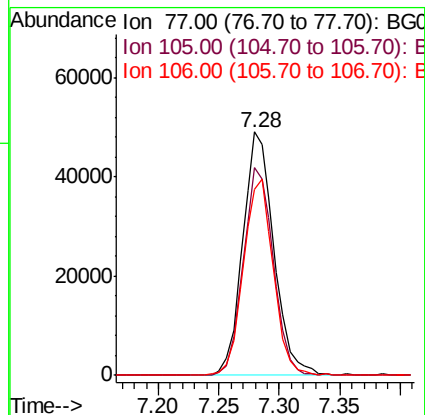
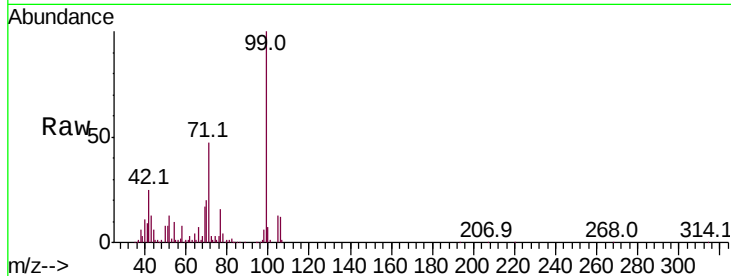
105 85.5 72.0 112.0

106 76.4 61.2 101.2

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#10

Phenol

Concen: 43.181 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

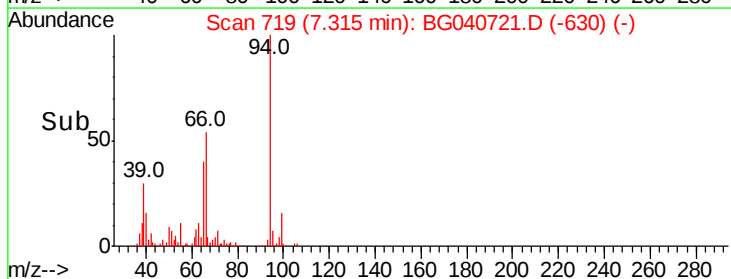
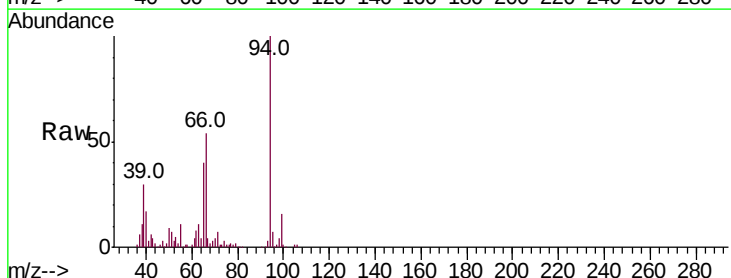
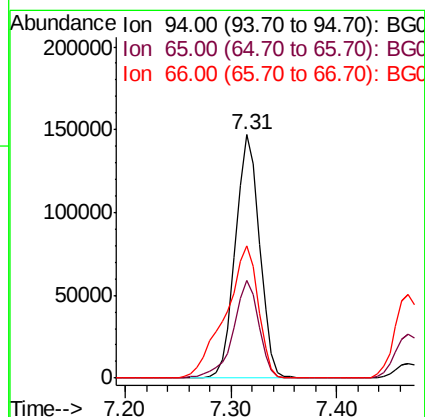
Tgt Ion: 94 Resp: 230453

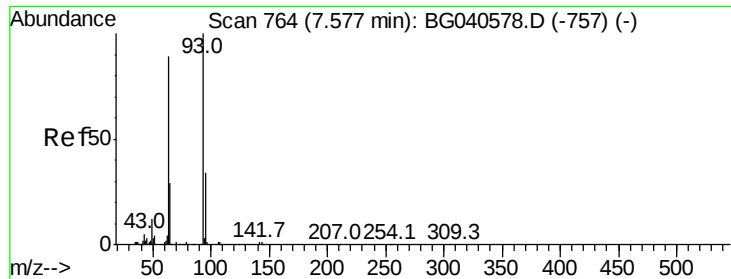
Ion Ratio Lower Upper

94 100

65 40.2 17.0 57.0

66 54.2 28.6 68.6





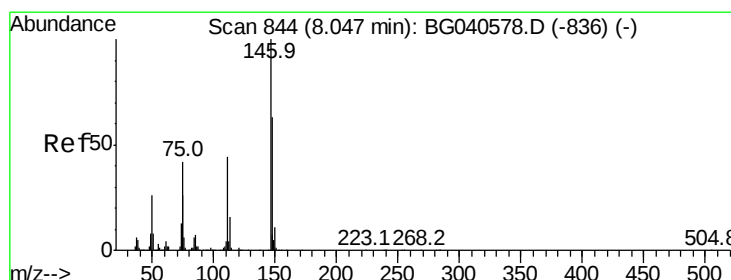
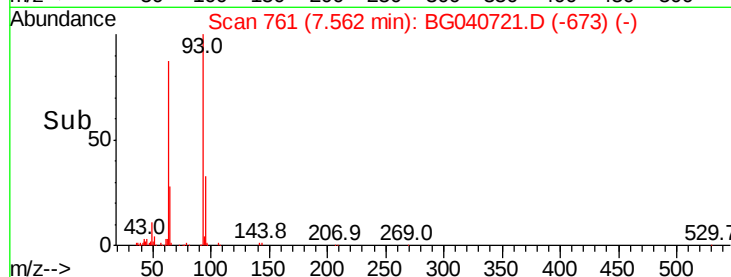
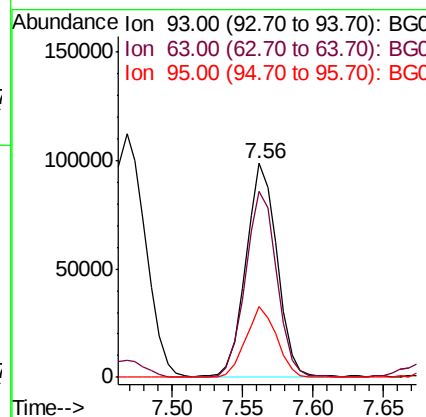
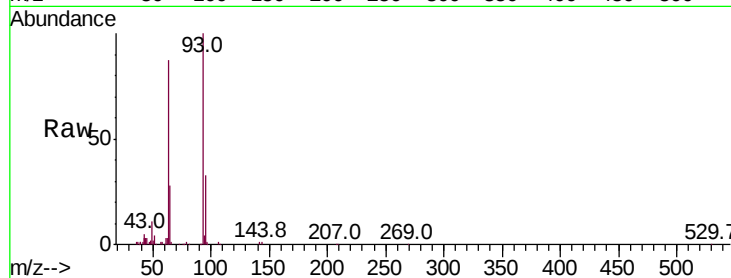
#11
bis(2-Chloroethyl)ether
Concen: 37.847 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.0	68.2	108.2
95	32.9	14.3	54.3

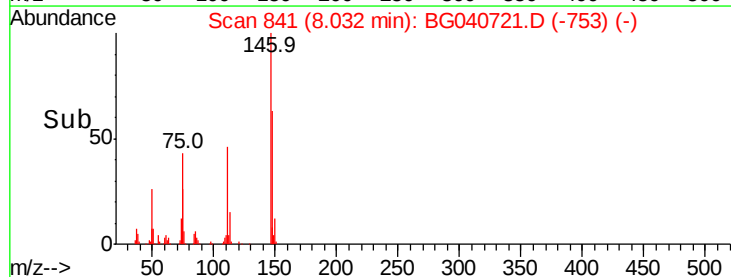
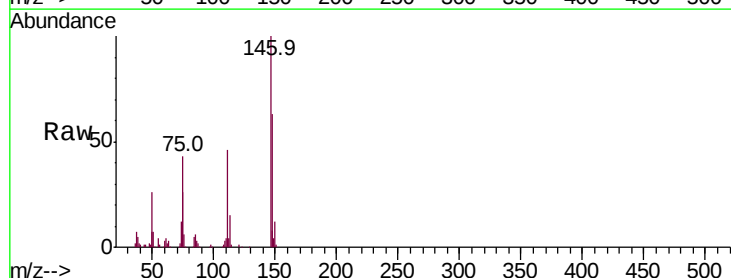
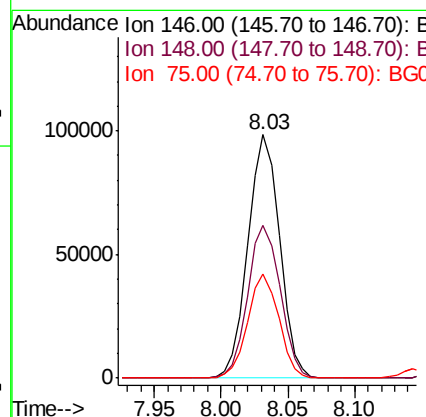
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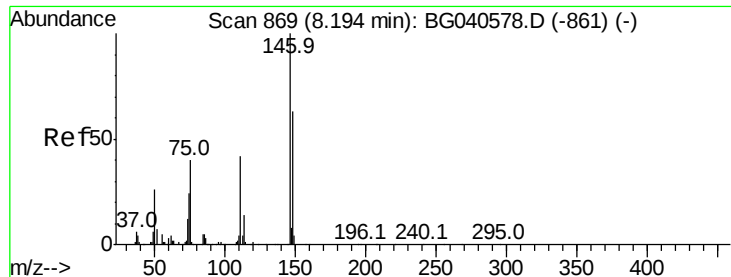
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.557 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.7	76.1
75	42.7	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 38.704 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040721.D

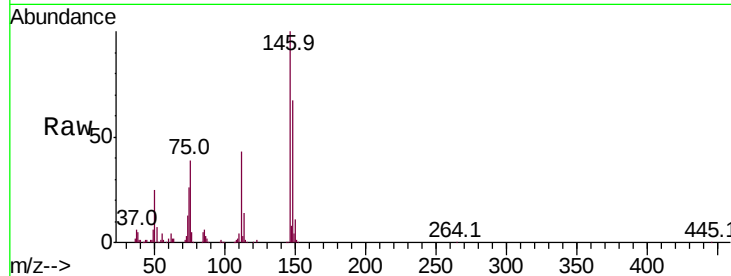
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	50.6	75.8
111	43.3	34.3	51.5

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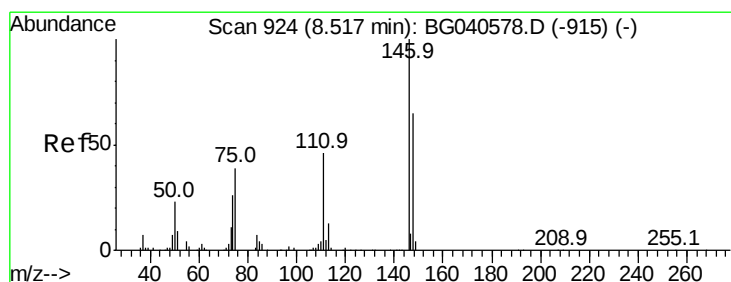
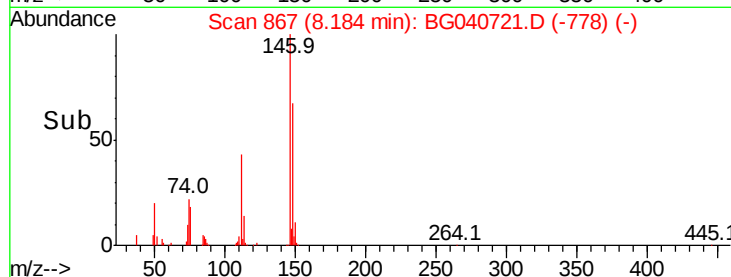
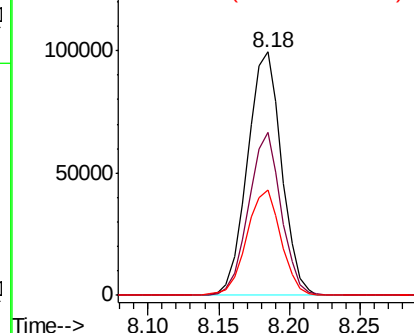


Abundance

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: 38.644 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

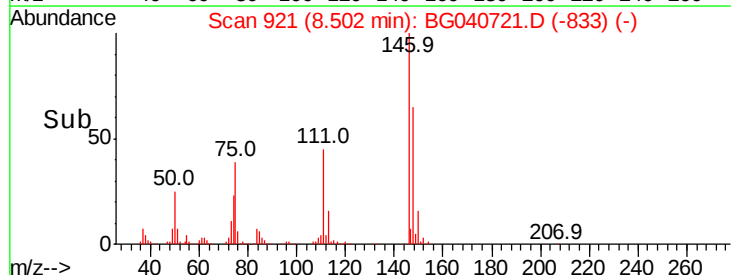
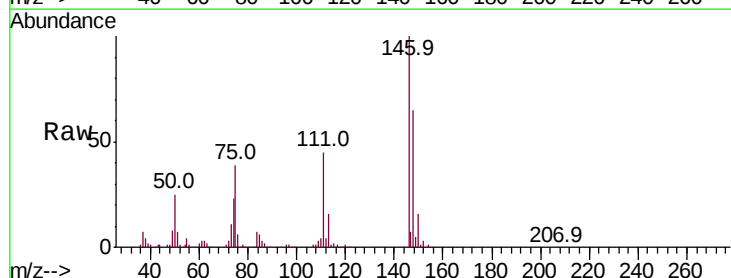
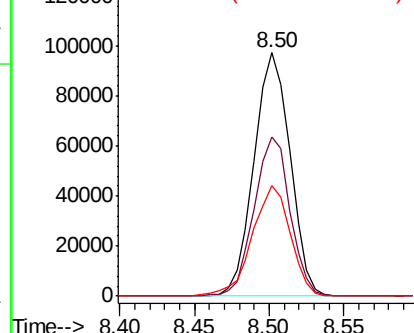
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.4
111	45.4	37.4	56.0

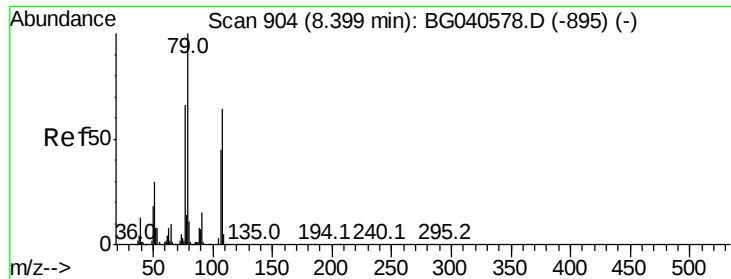
Abundance

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: 39.184 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

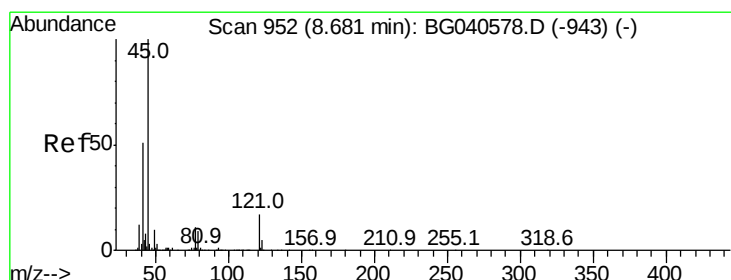
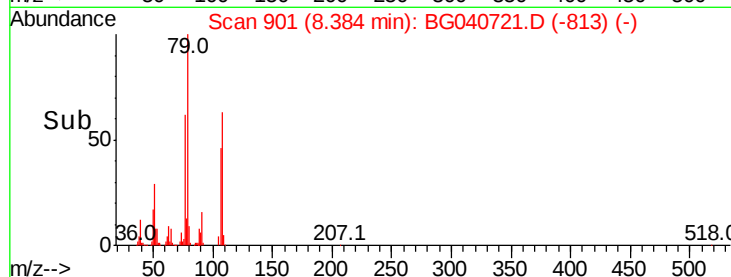
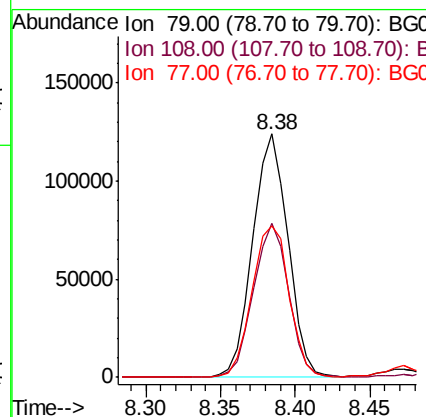
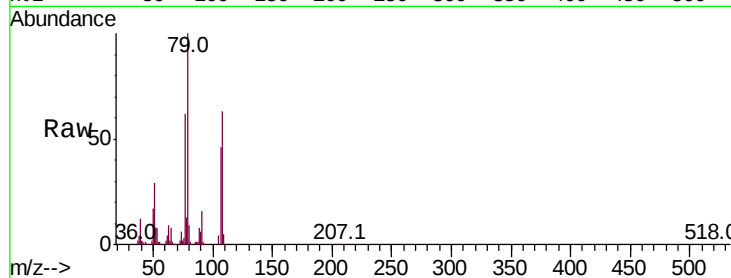
ClientSampleId :

PB119404BS

Tot Ion:	79	Resp:	202421
Ion Ratio	Lower	Upper	
79	100		
108	63.2	51.4	77.0
77	62.4	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.298 ng

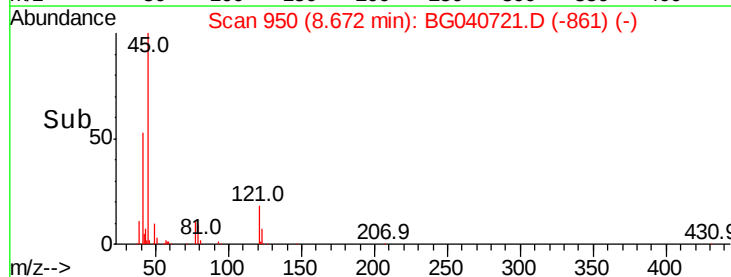
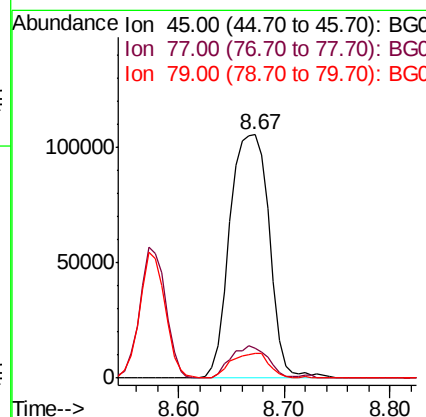
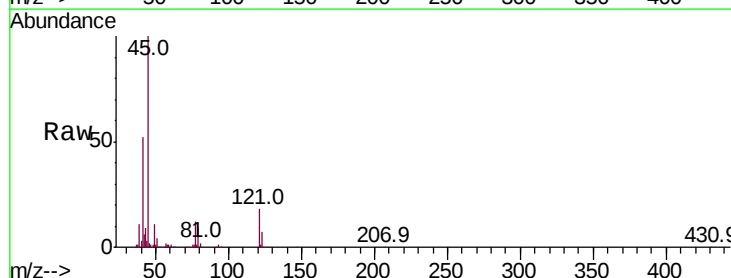
RT: 8.67 min Scan# 950

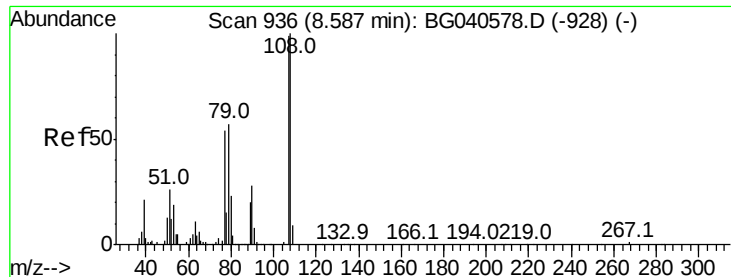
Delta R.T. -0.01 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	45	Resp:	273282
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	31.5
79	10.0	0.0	29.4





#17

2-Methylphenol

Concen: 41.844 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

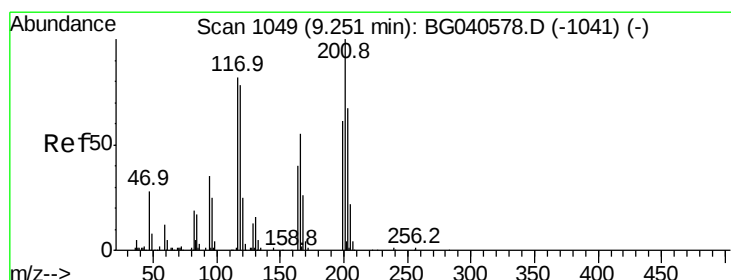
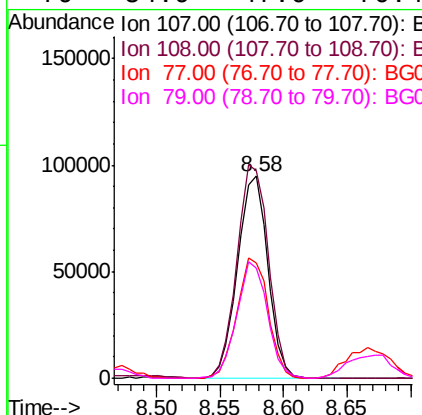
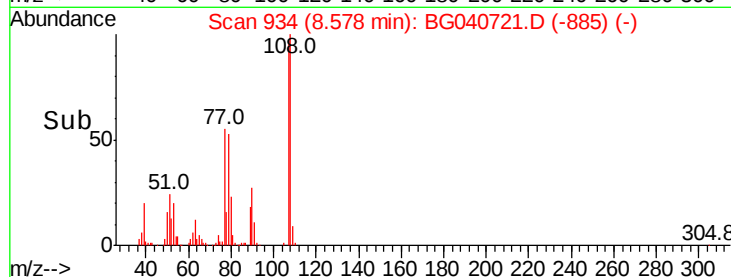
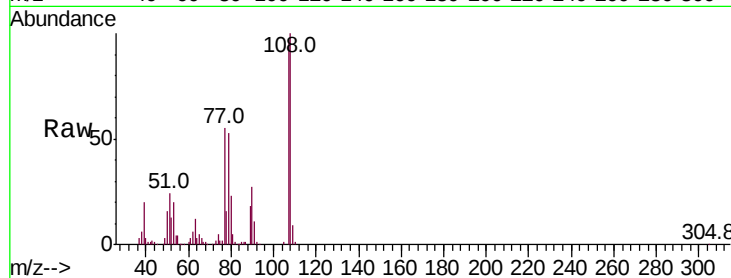
ClientSampleId :

PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	102.8	81.2	121.8	
77	56.9	44.4	66.6	
79	54.9	47.0	70.4	

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#18

Hexachloroethane

Concen: 36.205 ng

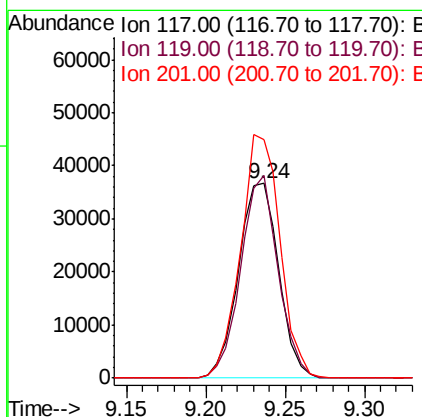
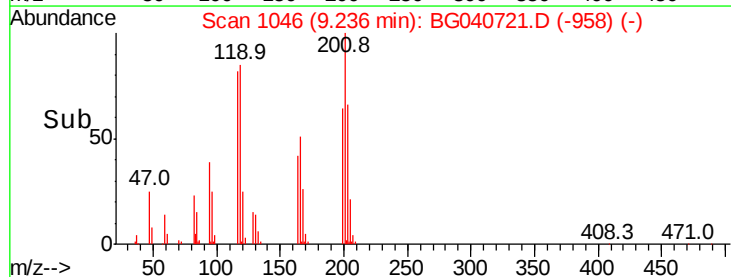
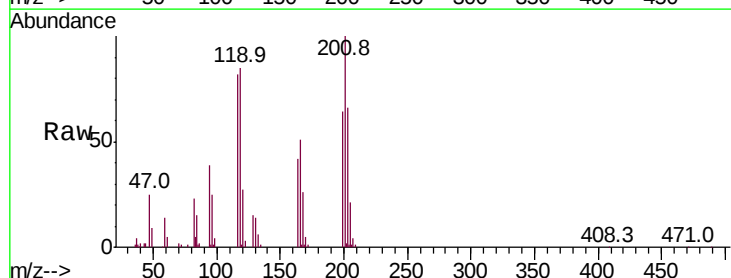
RT: 9.24 min Scan# 1046

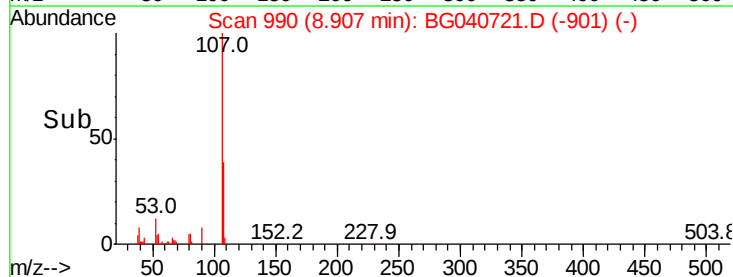
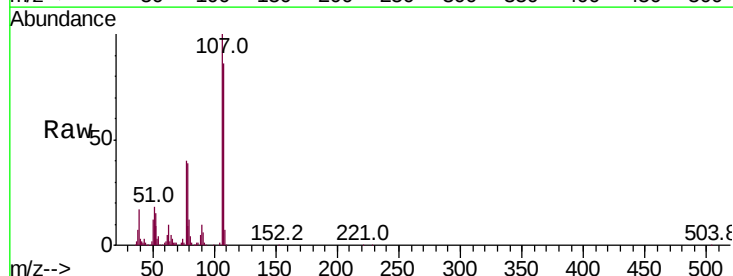
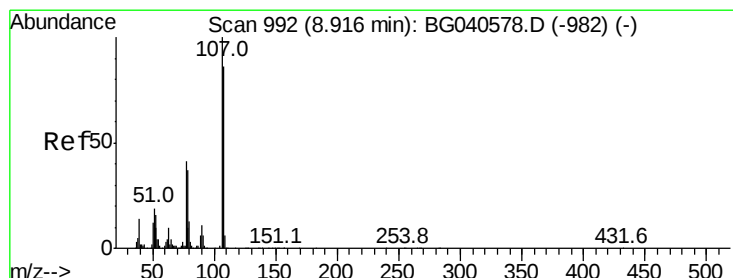
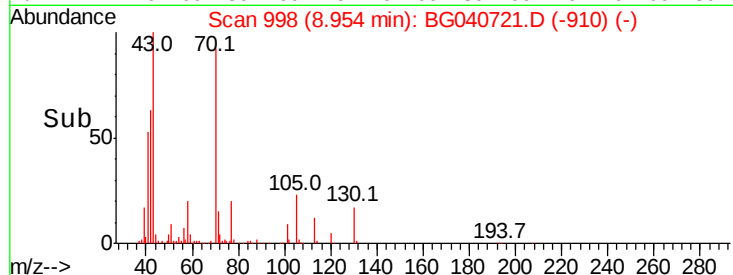
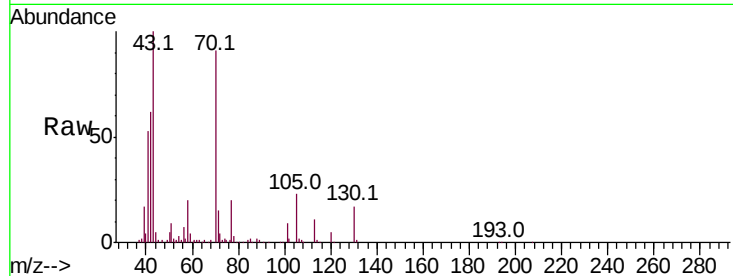
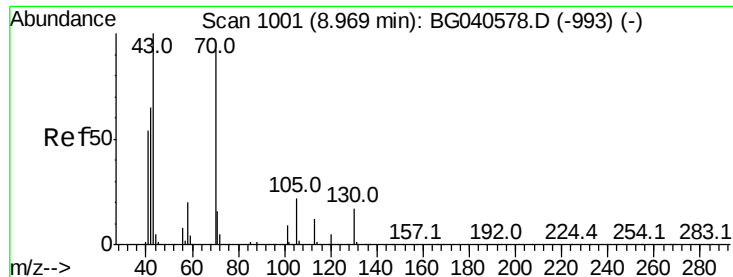
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

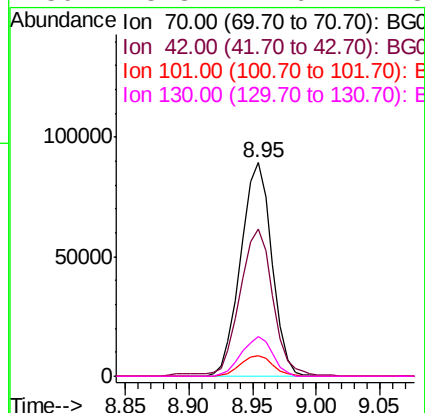
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	105.3	76.6	114.8	
201	122.1	101.0	151.6	





#19
n-Nitroso-di-n-propylamine
Concen: 34.163 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		152679		
42	68.8	57.1	85.7		
101	9.6	7.8	11.8		
130	18.3	14.6	21.8		



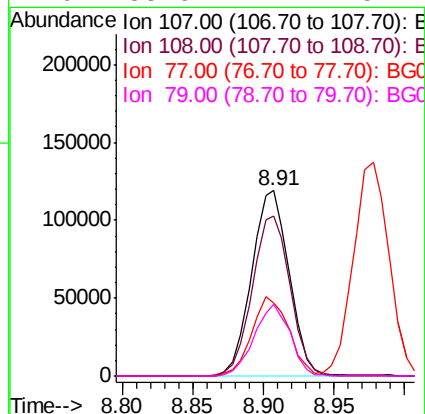
Instrument :
BNA_G
ClientSampleId :
PB119404BS

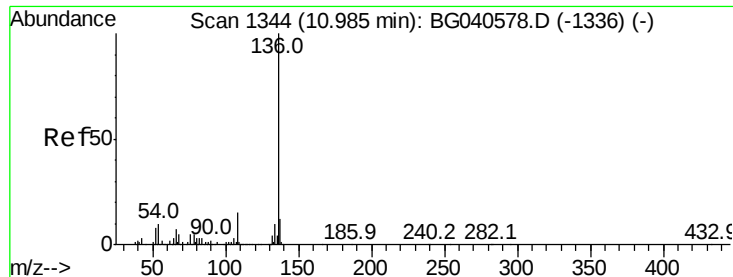
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#20
3+4-Methylphenols
Concen: 42.079 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		221397		
108	86.1	66.1	106.1		
77	39.7	21.6	61.6		
79	38.6	17.4	57.4		





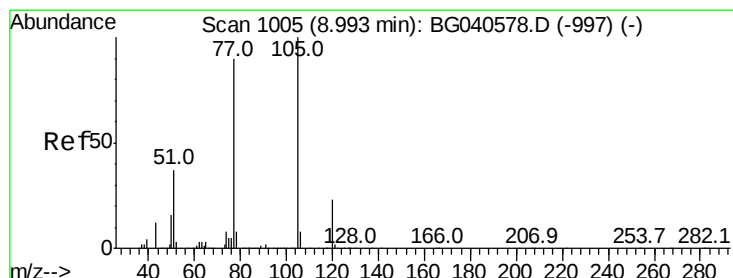
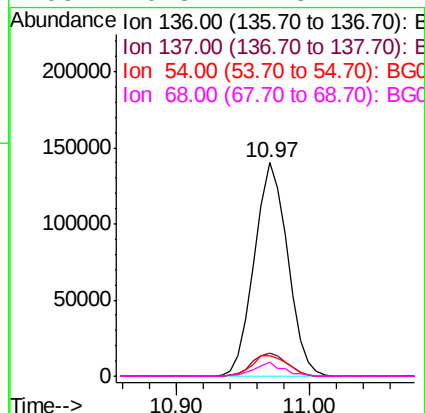
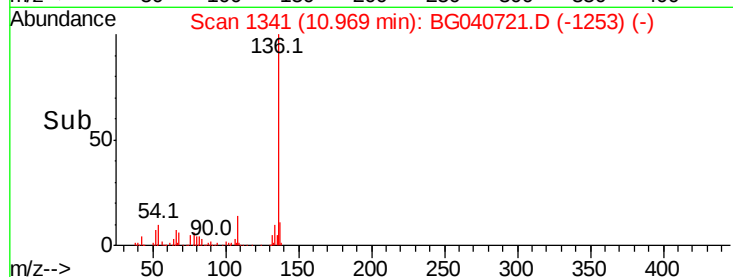
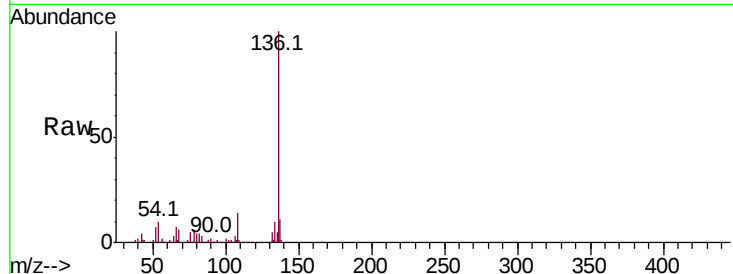
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	242096		
137	10.9		9.7	14.5
54	9.8		8.6	12.8
68	6.3		4.8	7.2

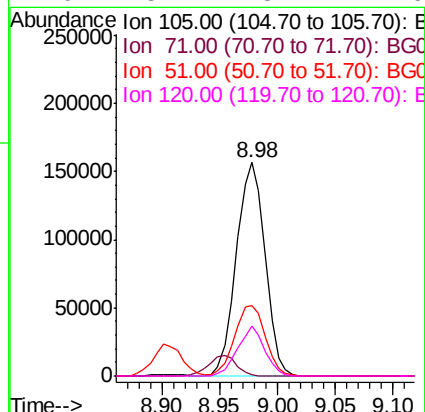
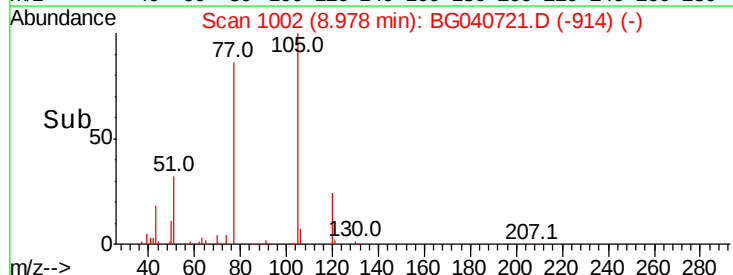
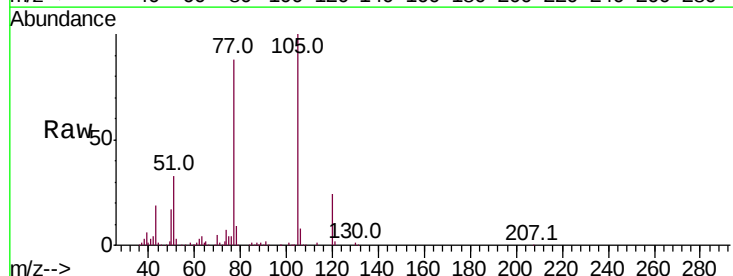
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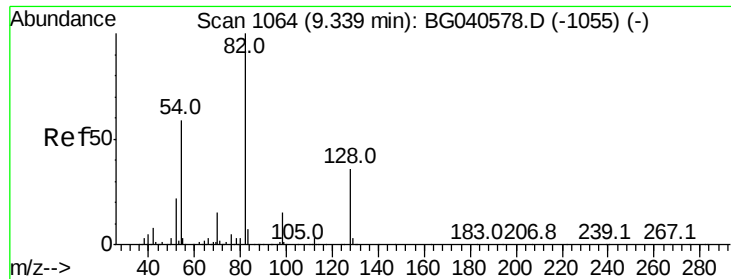
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#22
Acetophenone
Concen: 39.985 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269180		
71	0.6		1.8	2.8#
51	33.0		29.8	44.8
120	23.7		18.4	27.6





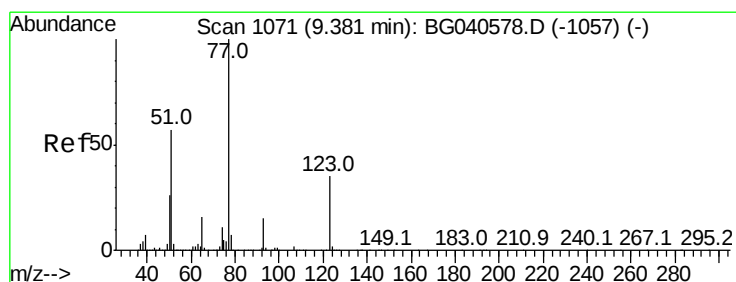
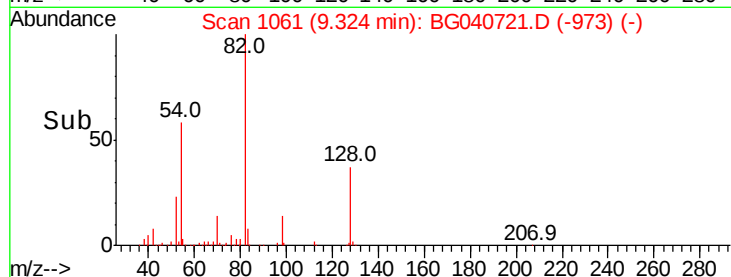
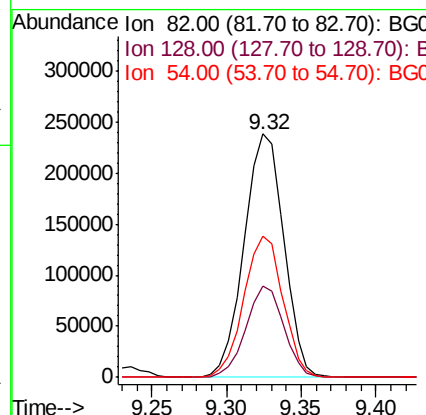
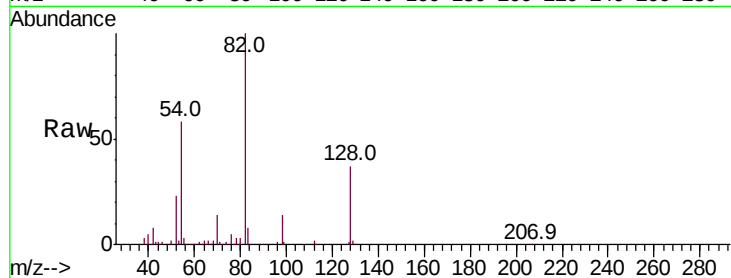
#23
Nitrobenzene-d5
Concen: 83.533 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.9	43.3
54	58.2	47.2	70.8

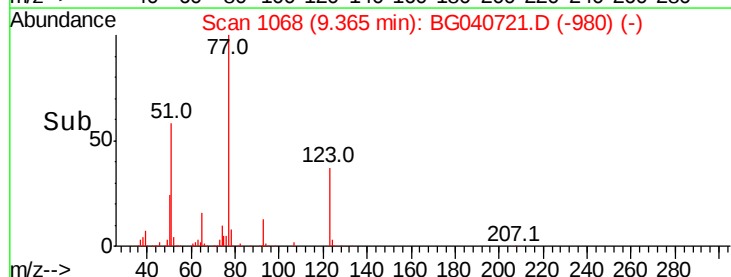
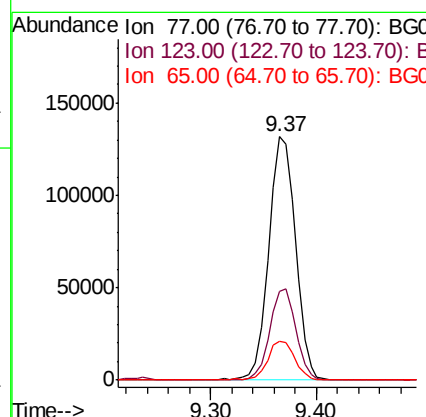
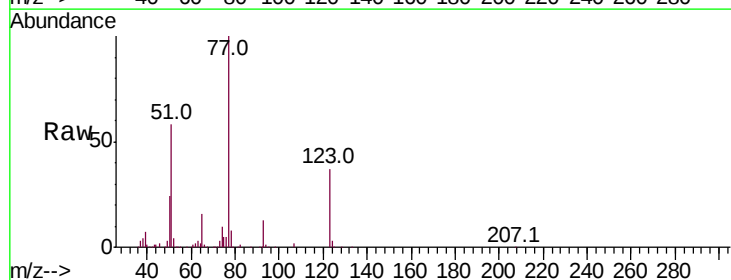
Manual Integrations
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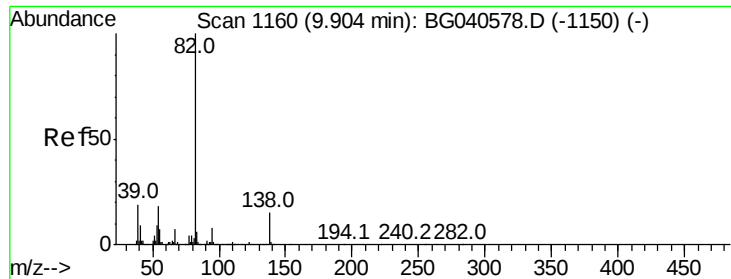
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#24
Nitrobenzene
Concen: 41.523 ng
RT: 9.37 min Scan# 1068
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	27.8	41.6
65	15.9	12.4	18.6





#25

Isophorone

Concen: 37.242 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

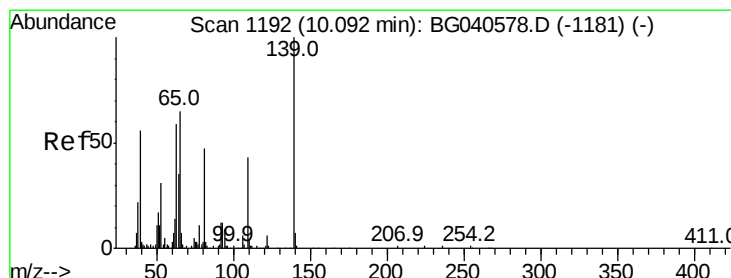
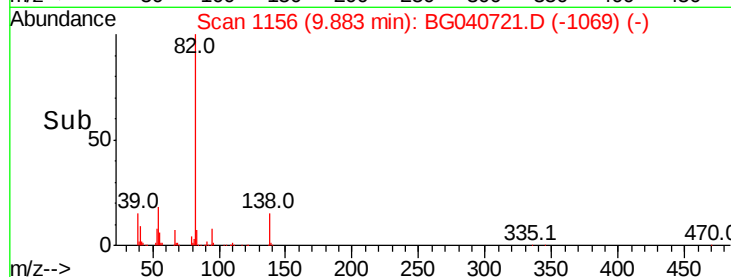
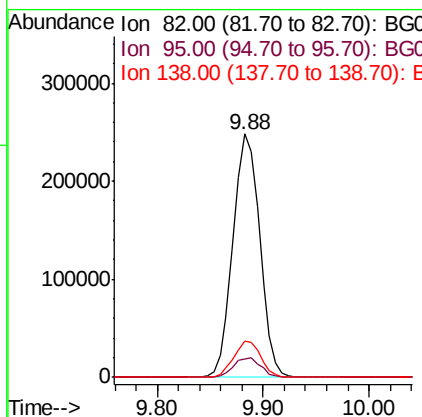
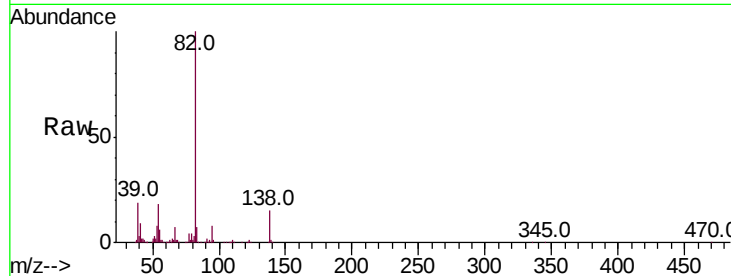
ClientSampleId :

PB119404BS

Tot Ion:	82	Resp:	434643
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.9	10.3
138	15.1	12.3	18.5

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#26

2-Nitrophenol

Concen: 47.087 ng

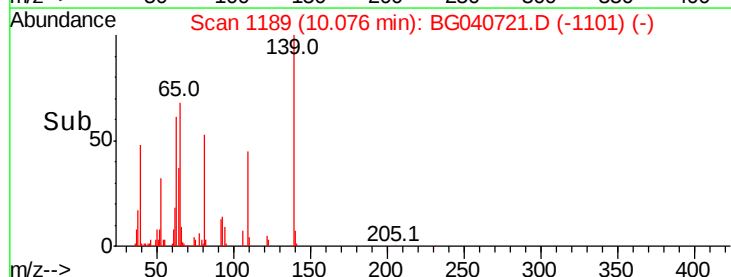
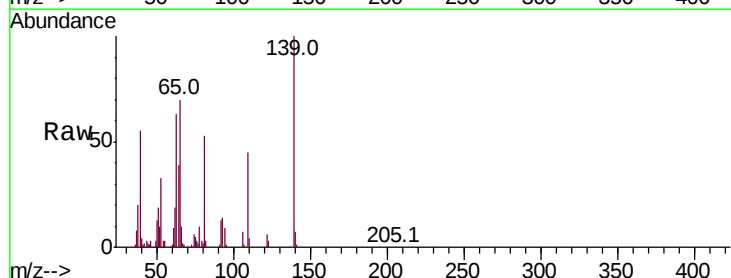
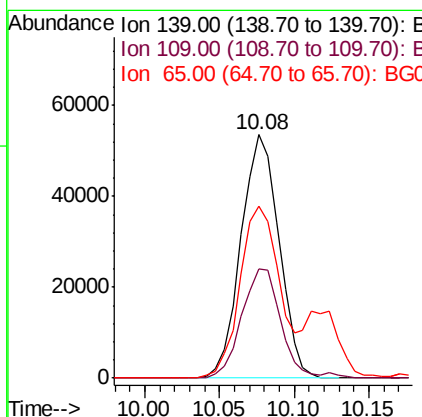
RT: 10.08 min Scan# 1189

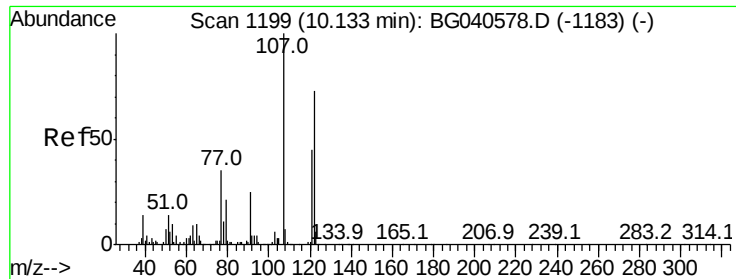
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	139	Resp:	94356
Ion Ratio	Lower	Upper	
139	100		
109	44.7	35.6	53.4
65	70.4	52.3	78.5





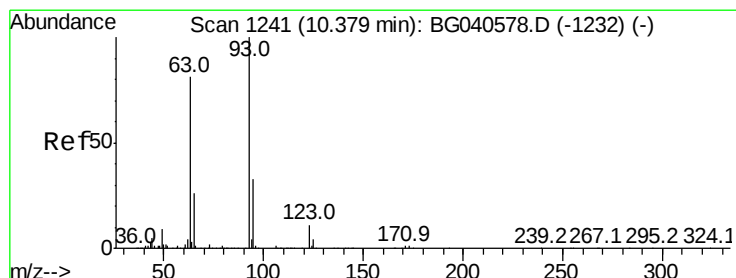
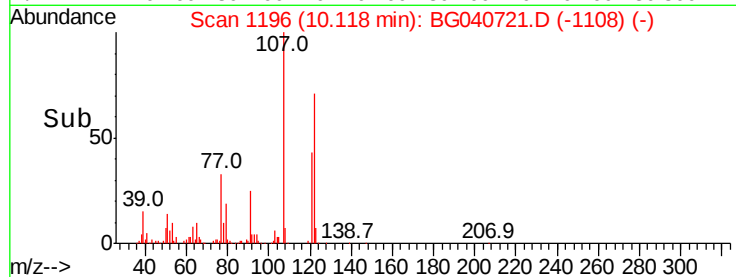
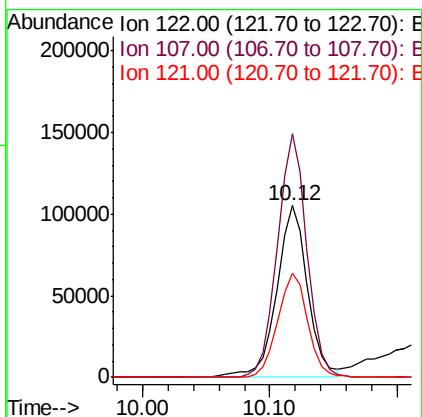
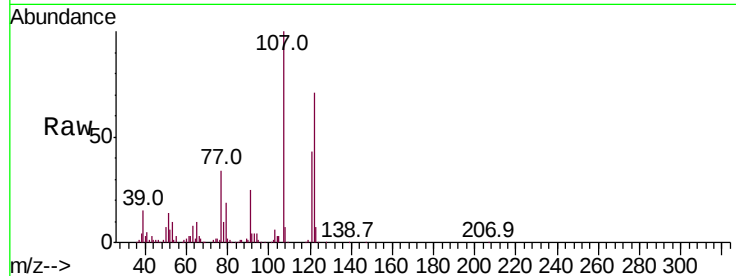
#27
2,4-Dimethylphenol
Concen: 47.406 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.7	110.1	165.1
121	60.5	49.4	74.0

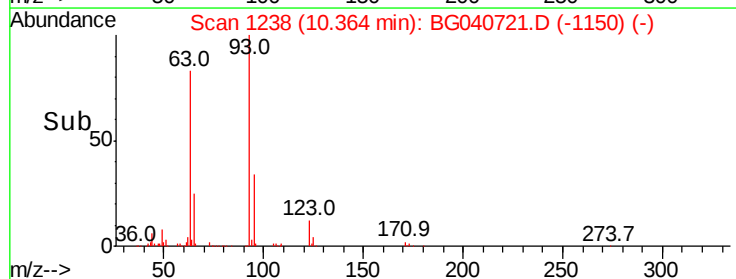
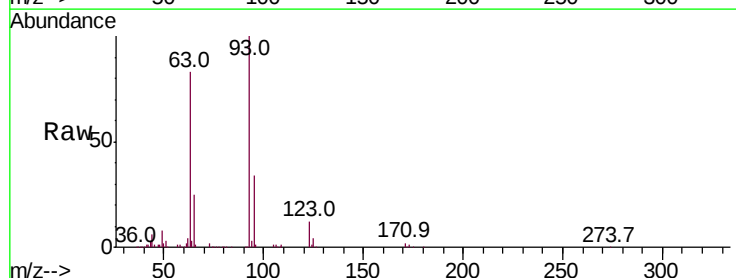
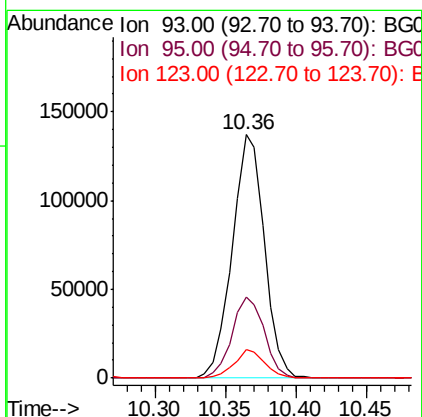
Manual Integrations
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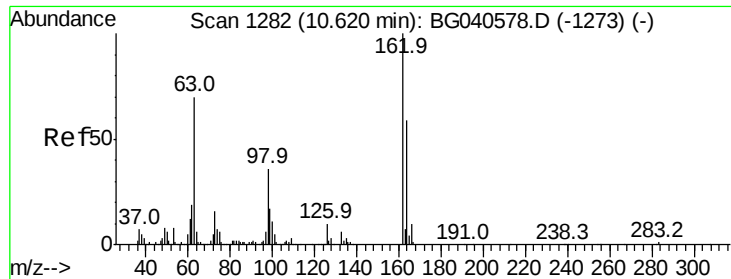
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.125 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.6	40.0
123	11.8	9.0	13.4





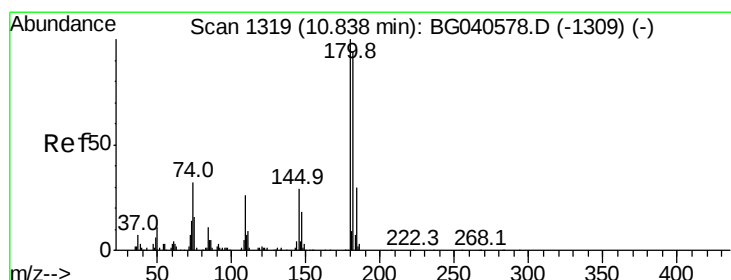
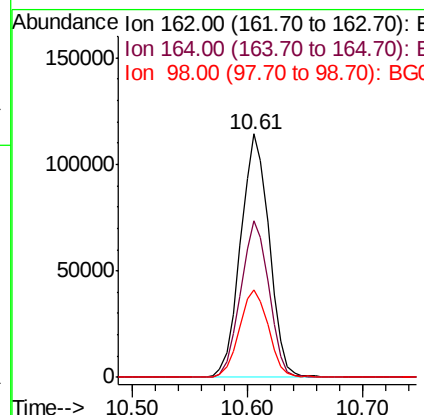
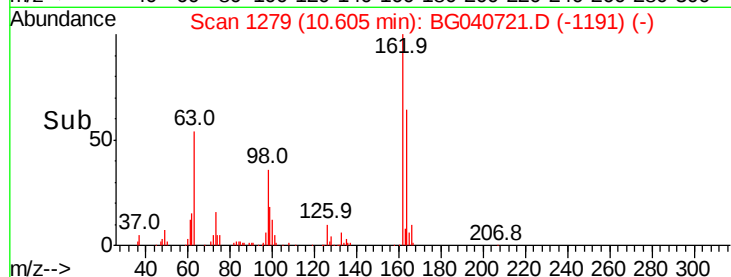
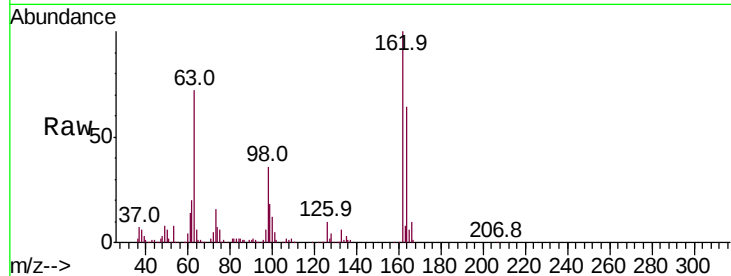
#29
2,4-Dichlorophenol
Concen: 45.880 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	196110		
164	64.4	38.9	78.9	
98	36.0	16.8	56.8	

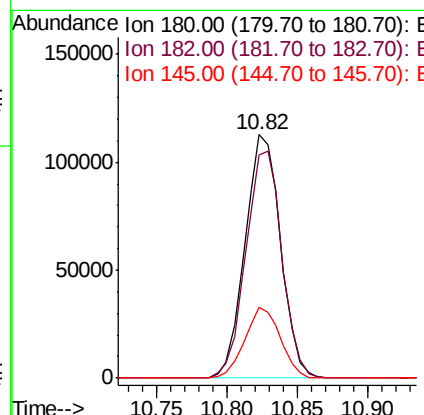
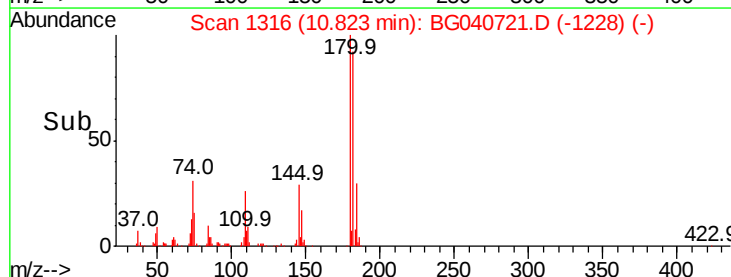
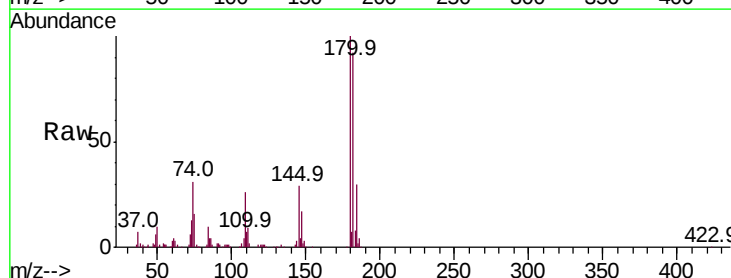
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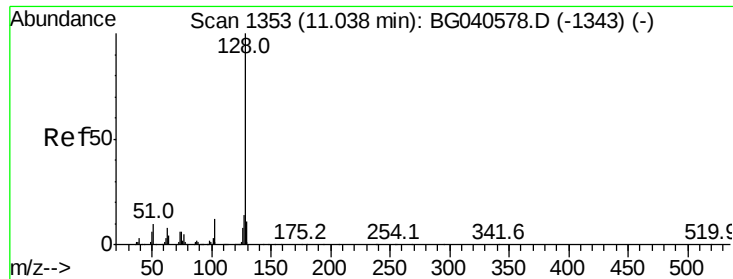
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.915 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	198676		
182	91.8	75.2	112.8	
145	29.2	23.6	35.4	





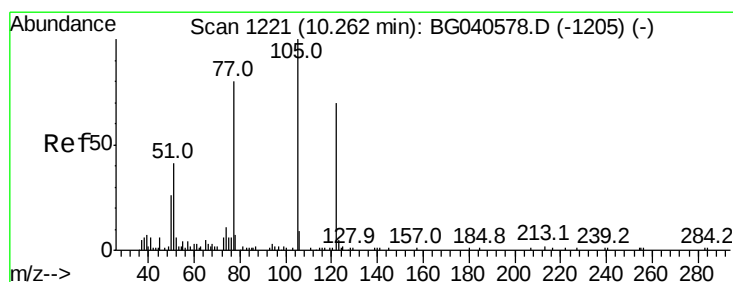
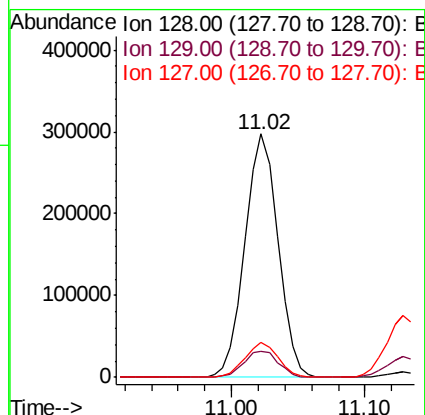
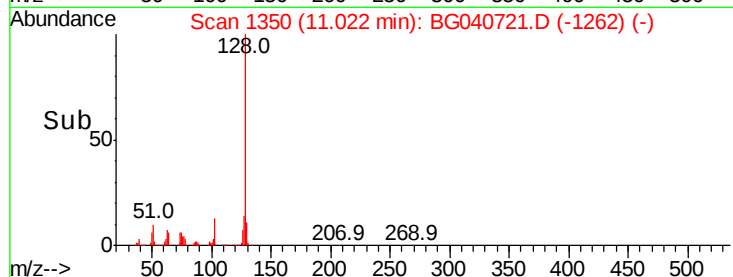
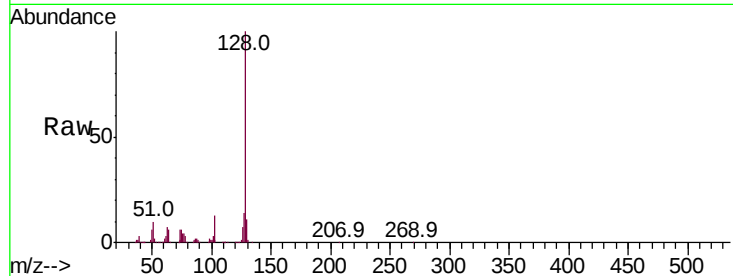
#31
Naphthalene
Concen: 39.544 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.6	9.0	13.6
127	14.3	11.3	16.9

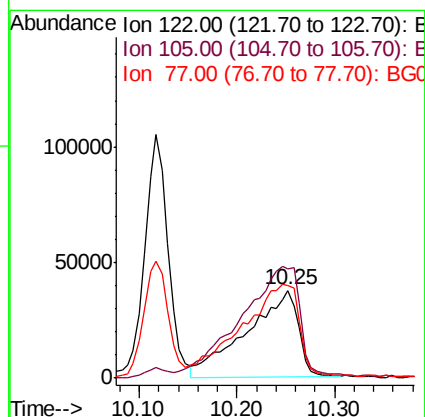
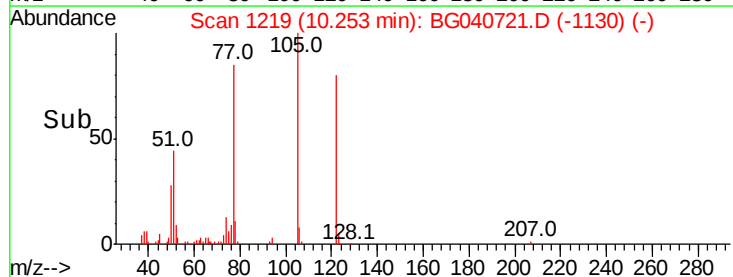
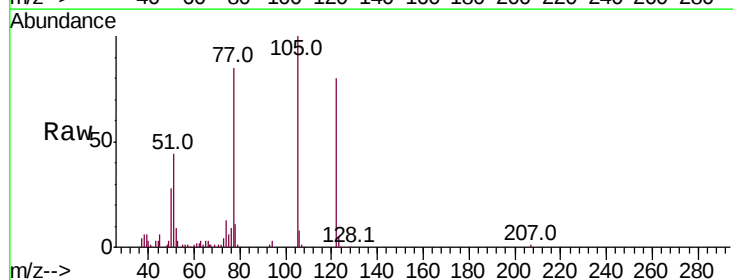
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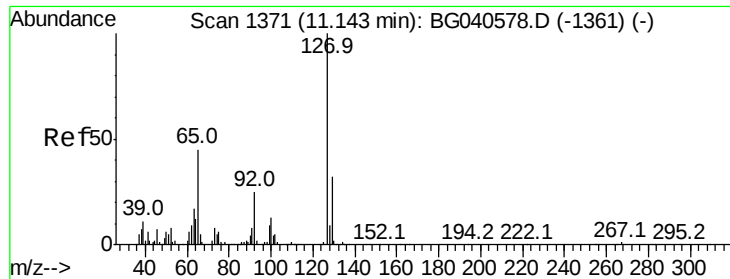
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#32
Benzoic acid
Concen: 53.201 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	124.4	110.9	150.9
77	105.2	87.6	127.6





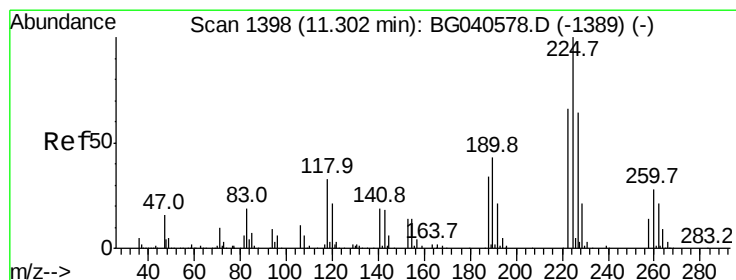
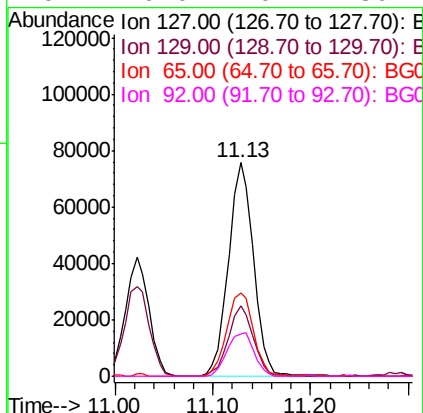
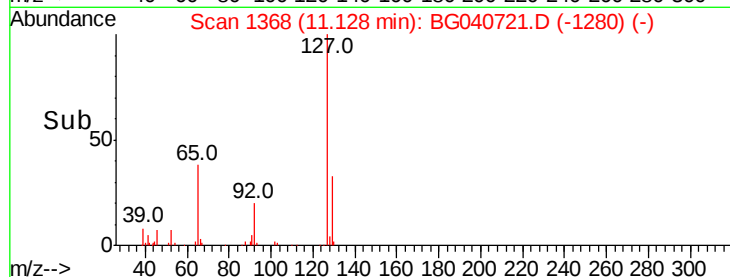
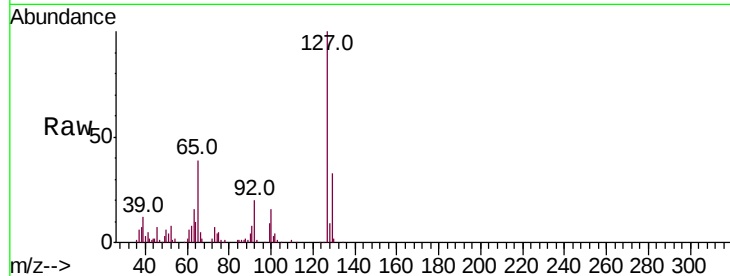
#33
4-Chloroaniline
Concen: 23.781 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	25.7	38.5	
65	39.1	36.1	54.1	
92	20.0	20.1	30.1	

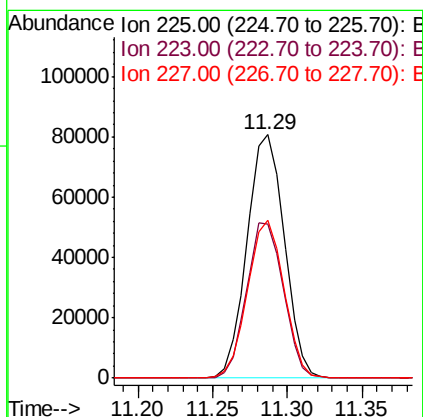
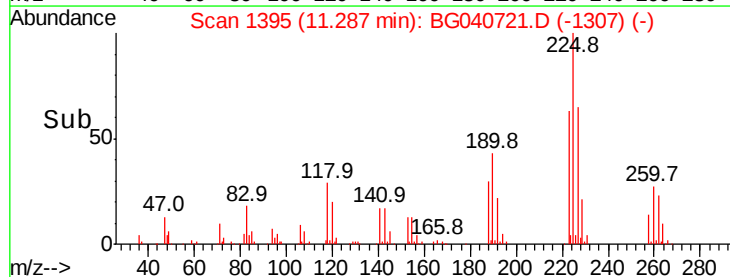
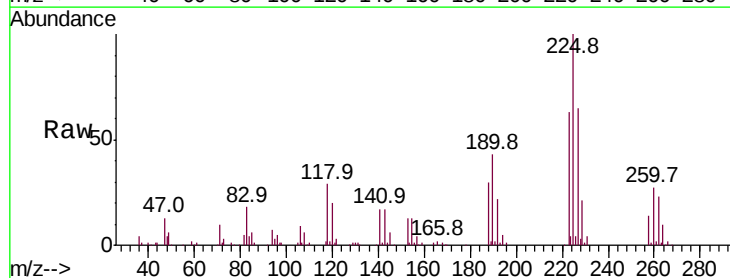
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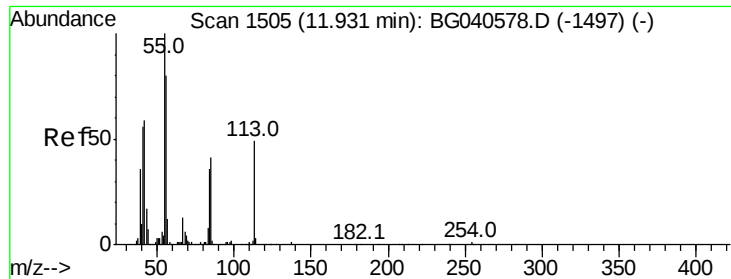
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#34
Hexachlorobutadiene
Concen: 39.796 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	50.4	75.6	
227	64.9	51.0	76.6	





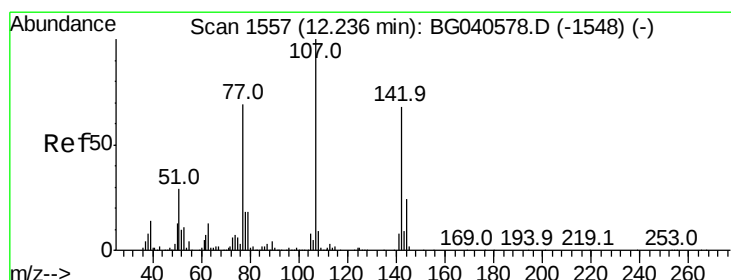
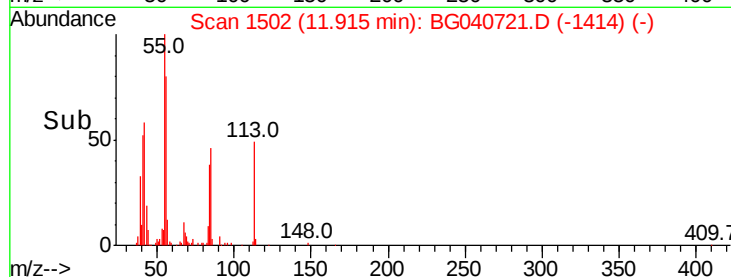
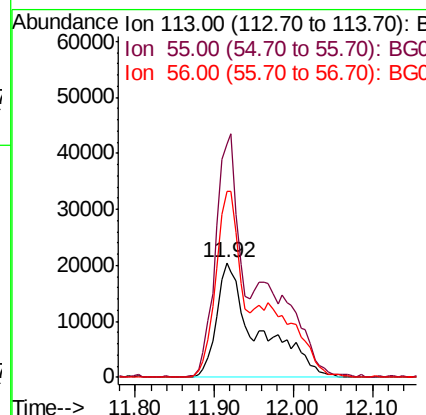
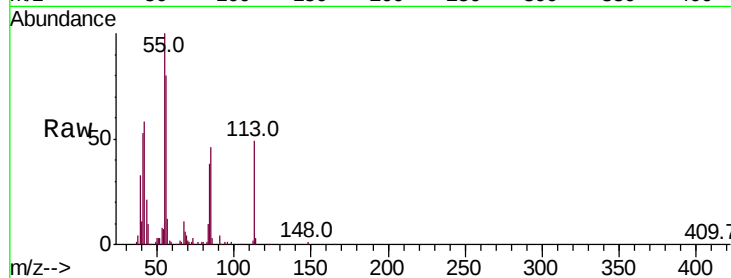
#35
Caprolactam
Concen: 43.585 ng/ml
RT: 11.92 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleID :
PB119404BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.7	198.6	238.6
56	163.0	148.4	188.4

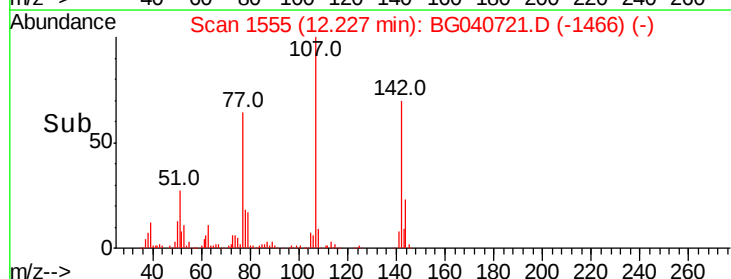
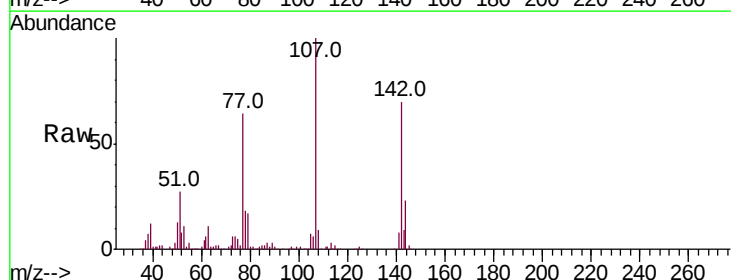
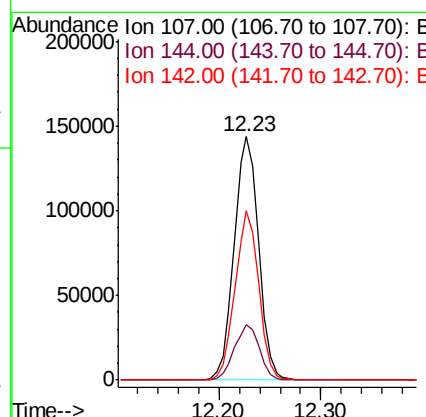
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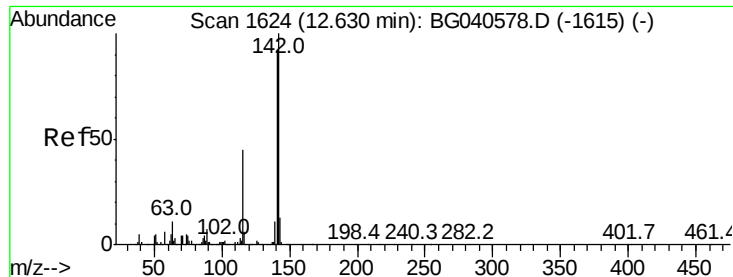
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#36
4-Chloro-3-methylphenol
Concen: 44.576 ng/ml
RT: 12.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.3	28.9
142	69.8	54.6	81.8





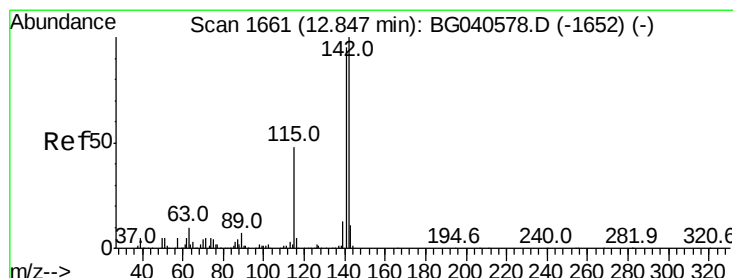
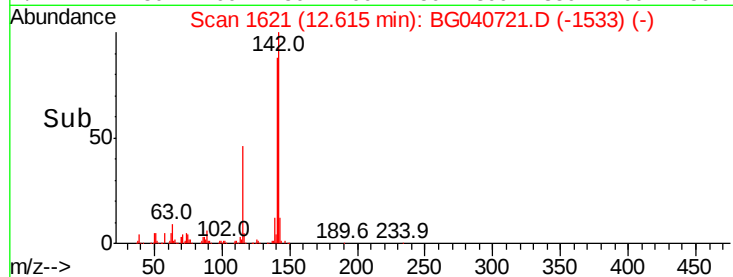
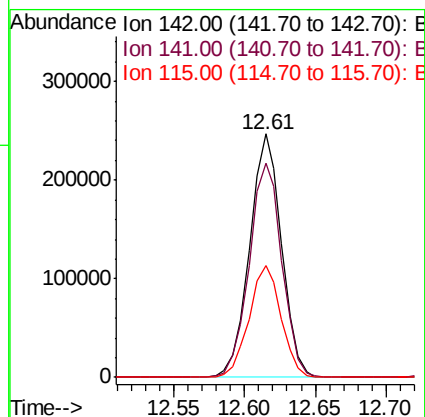
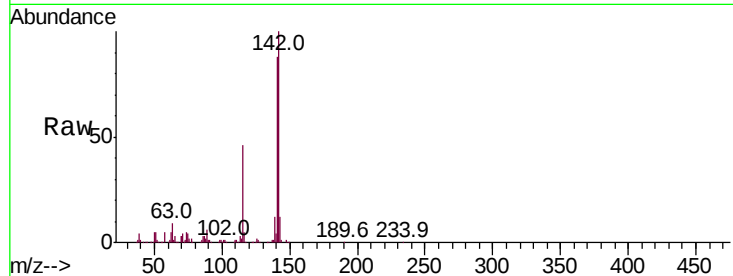
#37
 2-Methylnaphthalene
 Concen: 40.526 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BS

Tot Ion:	142	Resp:	389714
Ion Ratio	Lower	Upper	
142	100		
141	88.2	73.4	110.2
115	46.1	36.2	54.4

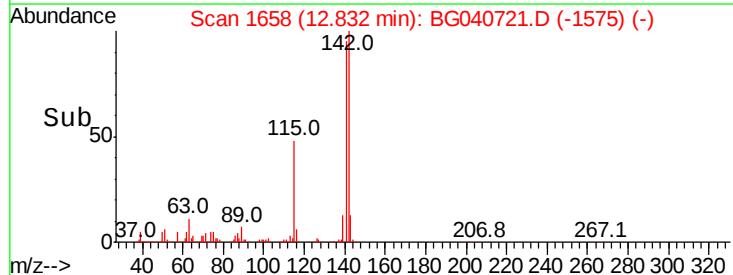
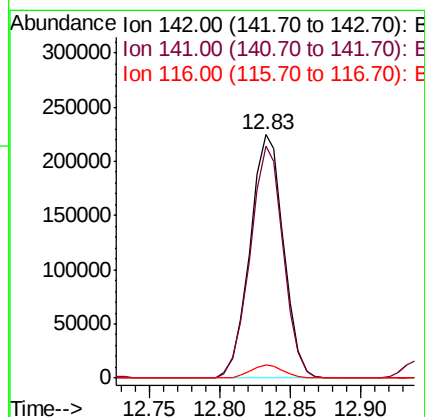
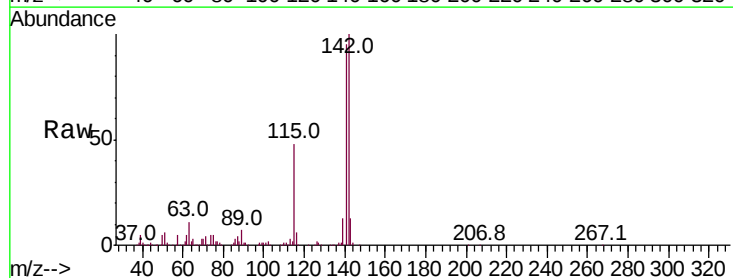
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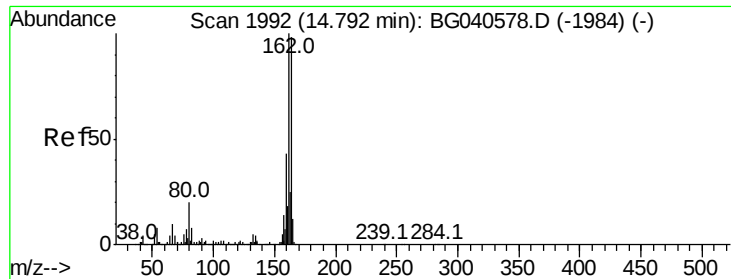
Sohil
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#38
 1-Methylnaphthalene
 Concen: 39.760 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Tgt Ion:	142	Resp:	373725
Ion Ratio	Lower	Upper	
142	100		
141	95.4	75.9	113.9
116	5.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

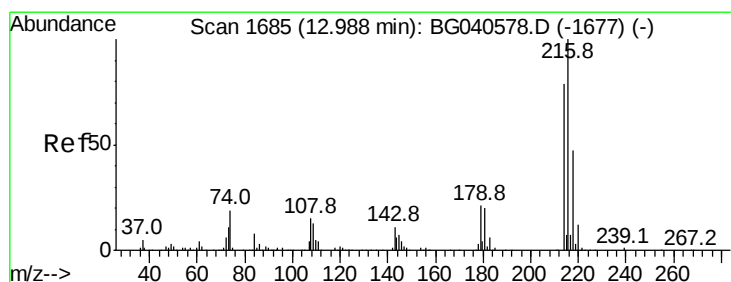
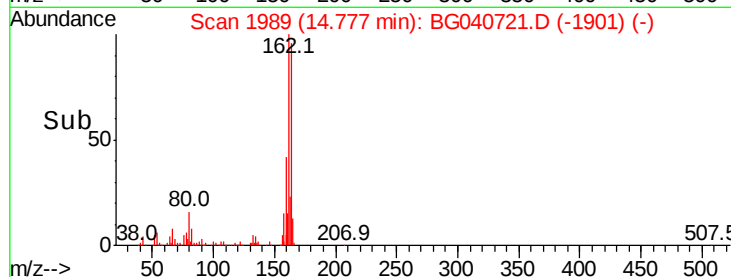
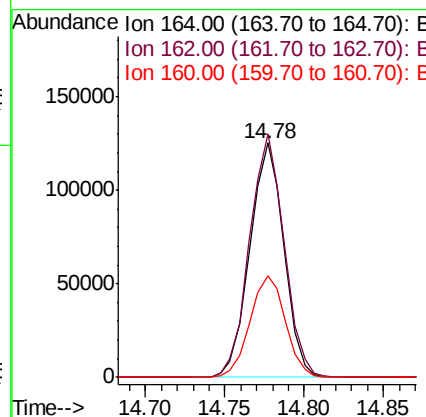
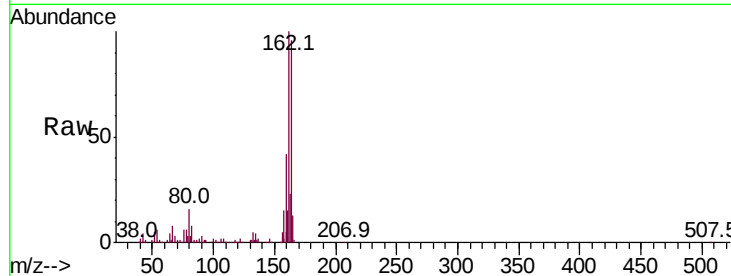
Instrument :
BNA_G

ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.9	122.9
160	43.2	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.078 ng

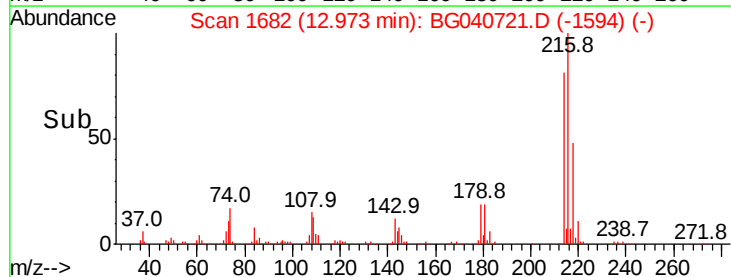
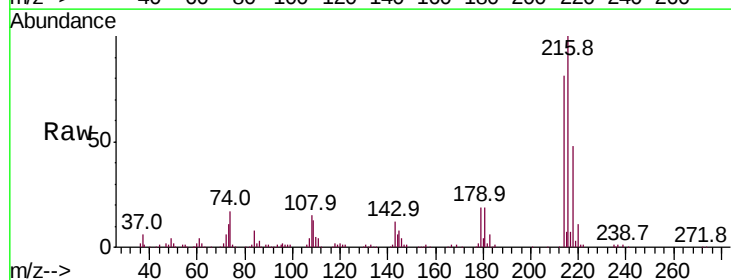
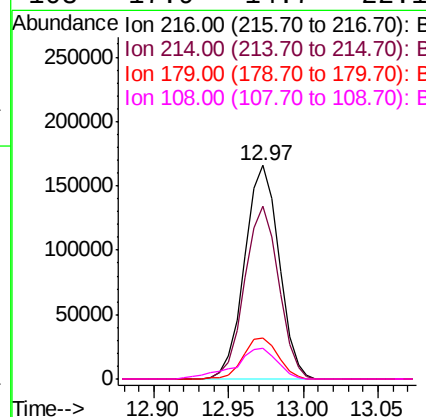
RT: 12.97 min Scan# 1682

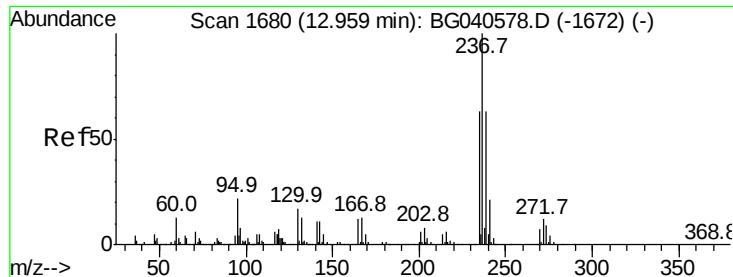
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.7	95.5
179	19.6	16.6	24.8
108	17.9	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 65.206 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

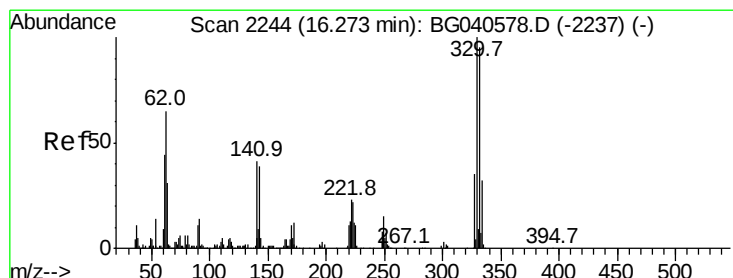
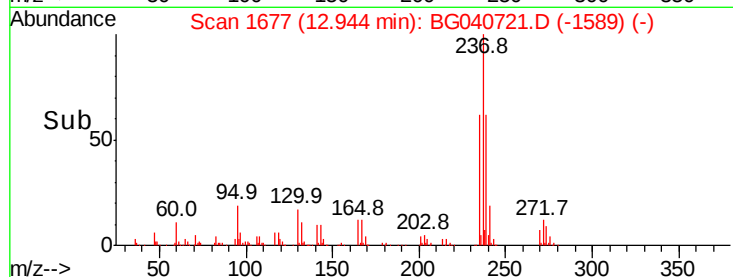
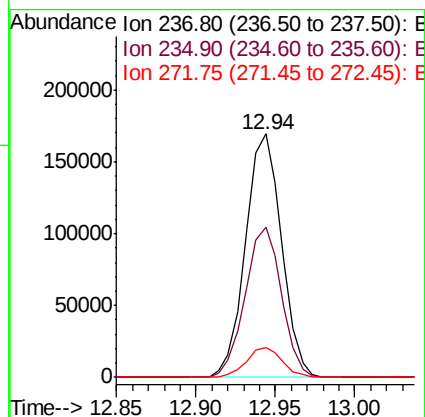
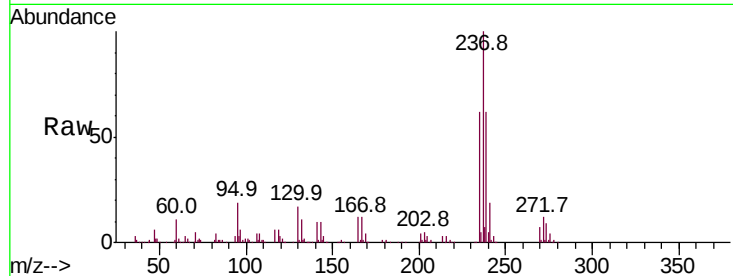
ClientSampleId :

PB119404BS

Tot Ion:	237	Resp:	267006
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.5	82.5
272	12.1	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 160.753 ng

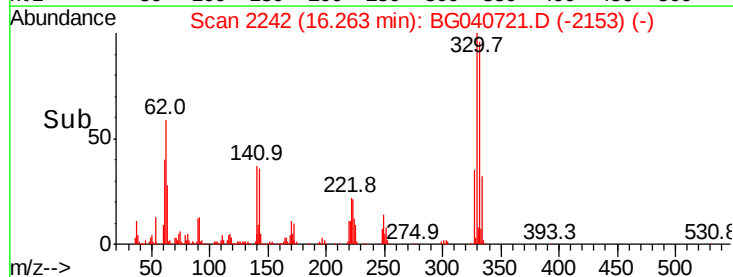
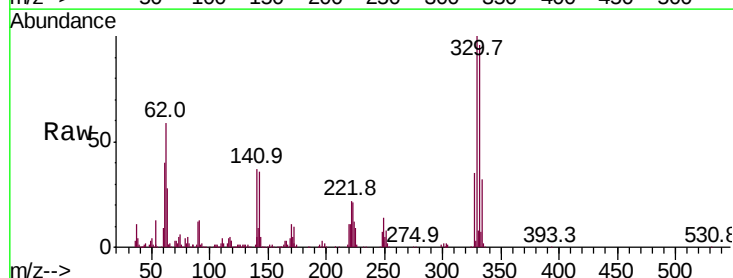
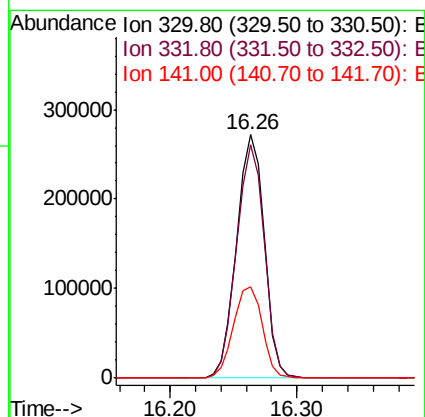
RT: 16.26 min Scan# 2242

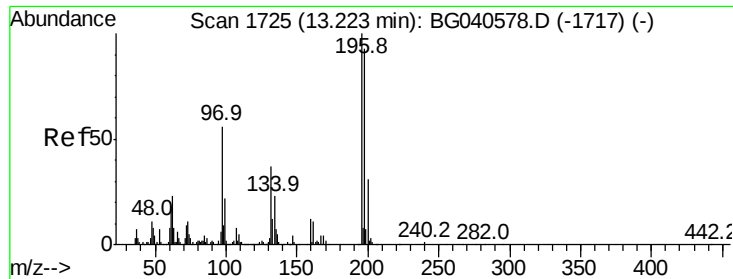
Delta R.T. -0.01 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	330	Resp:	411604
Ion Ratio	Lower	Upper	
330	100		
332	95.9	75.9	113.9
141	38.9	32.4	48.6





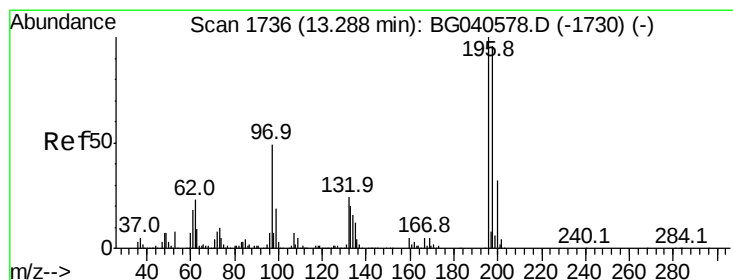
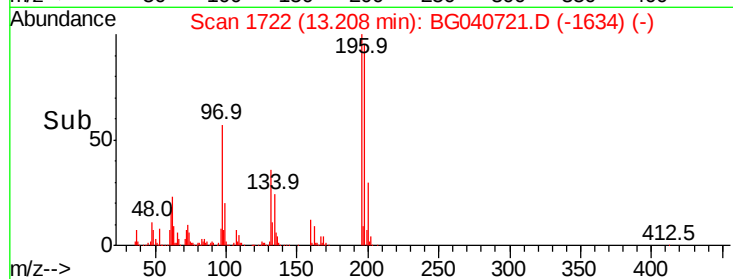
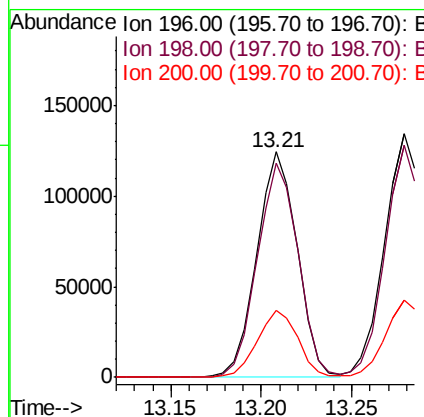
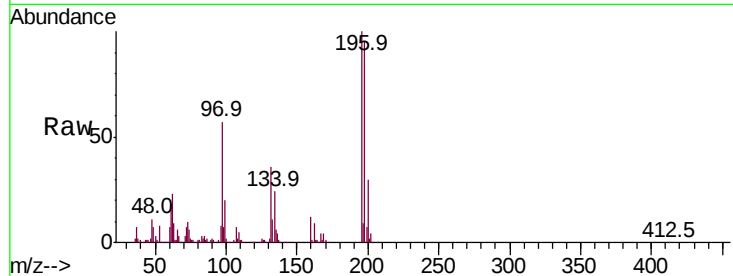
#43
 2,4,6-Trichlorophenol
 Concen: 45.845 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192255		
198	95.1	74.8	112.2	
200	29.7	24.9	37.3	

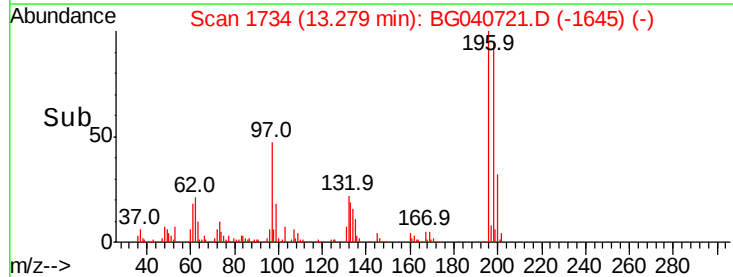
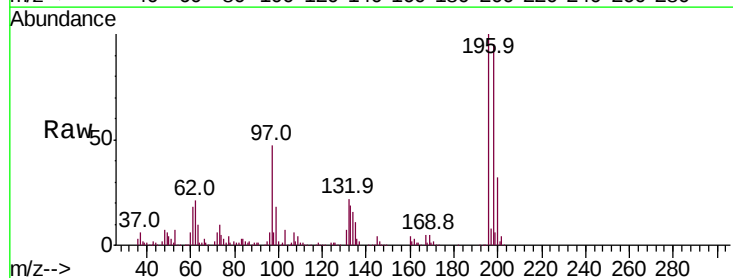
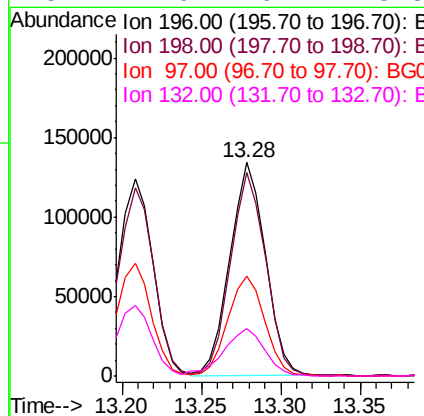
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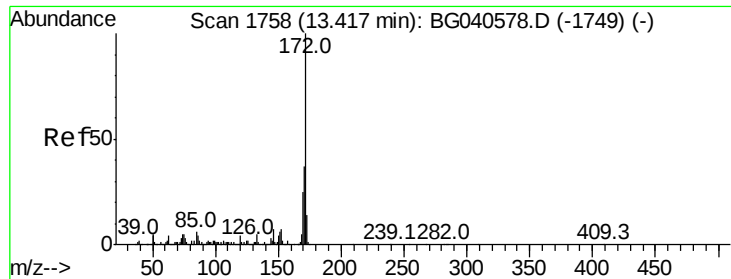
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#44
 2,4,5-Trichlorophenol
 Concen: 45.833 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209375		
198	95.2	77.0	115.6	
97	46.9	40.0	60.0	
132	21.9	19.2	28.8	





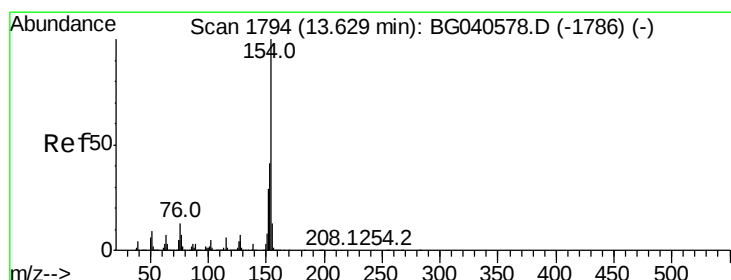
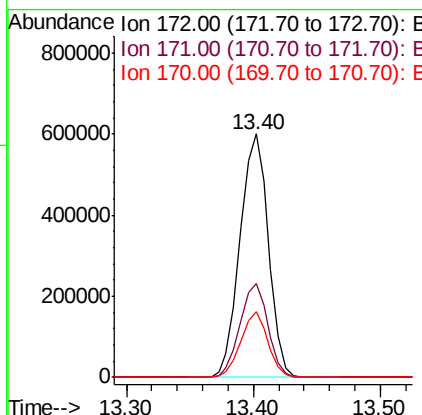
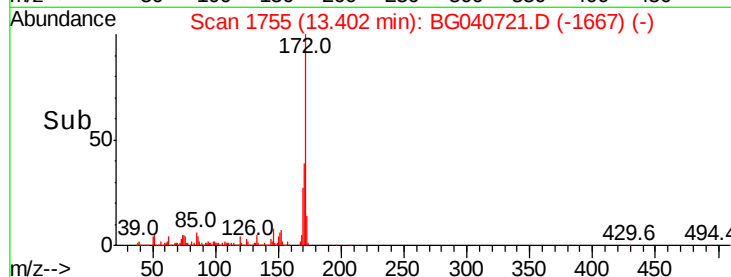
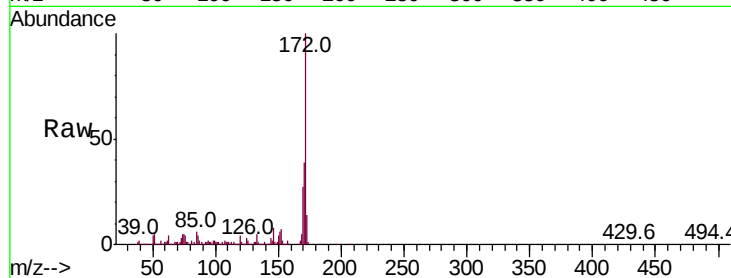
#45
2-Fluorobiphenyl
Concen: 72.012 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	26.9	19.9	29.9

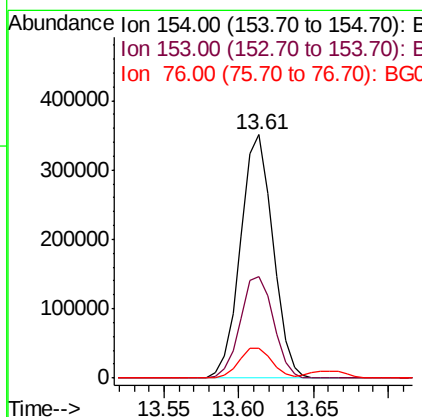
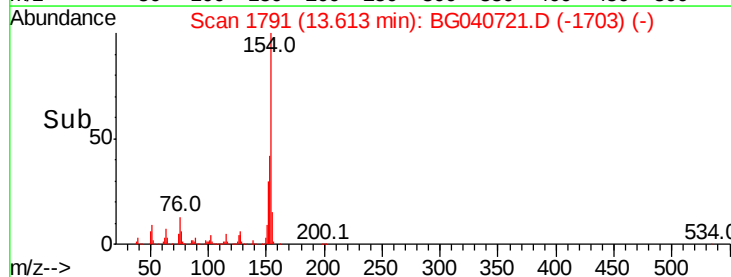
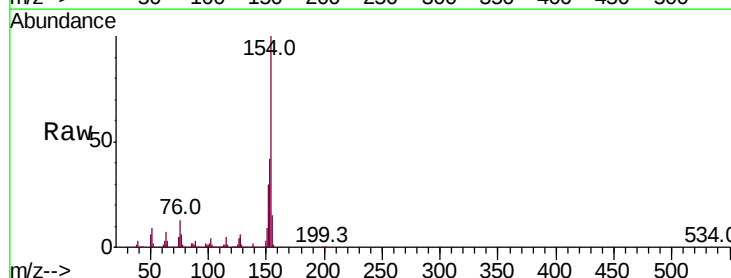
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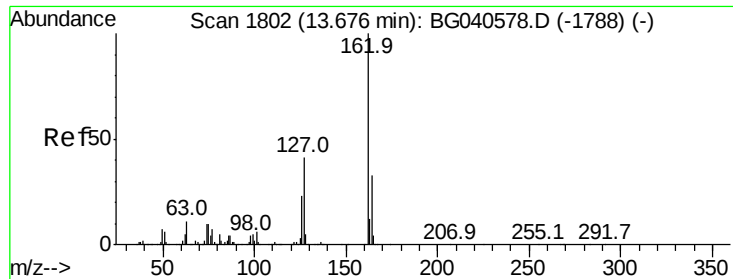
Sohil
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#46
1,1'-Biphenyl
Concen: 36.513 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.5	60.5
76	12.5	0.0	32.5





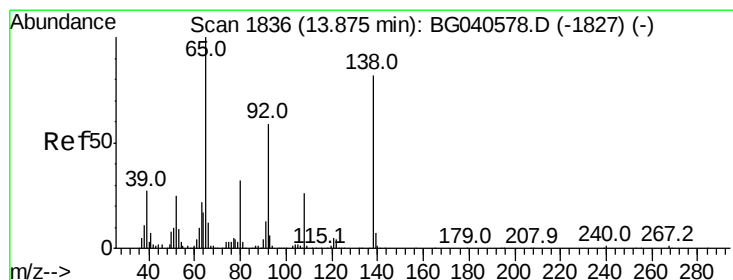
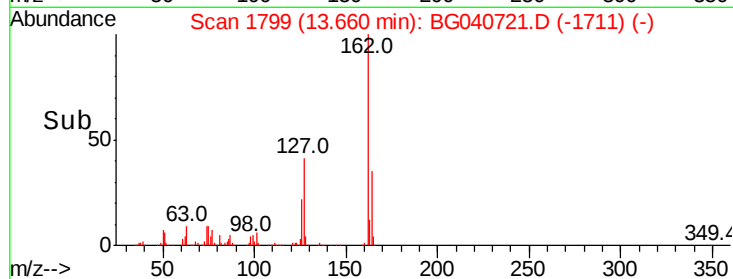
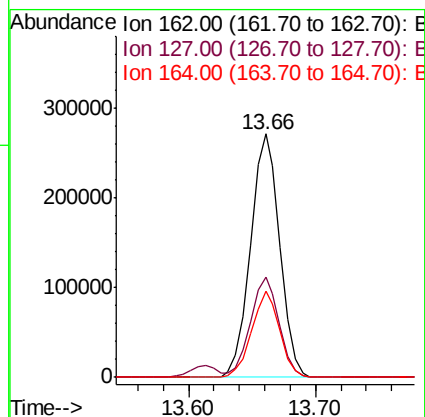
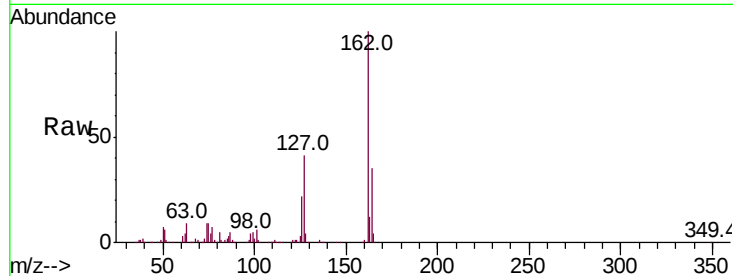
#47
2-Chloronaphthalene
Concen: 38.266 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.4	33.0	49.4
164	35.2	26.8	40.2

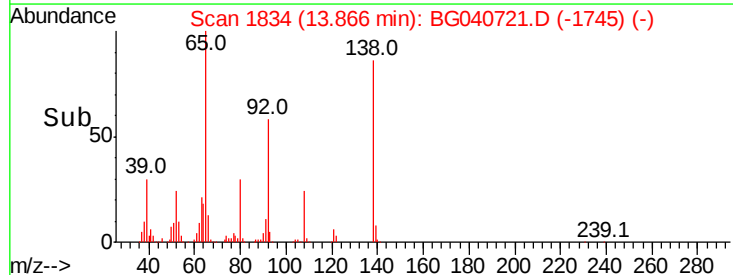
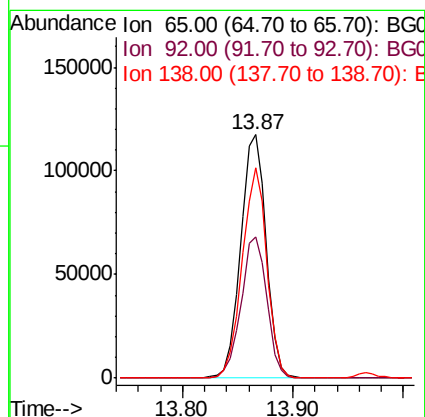
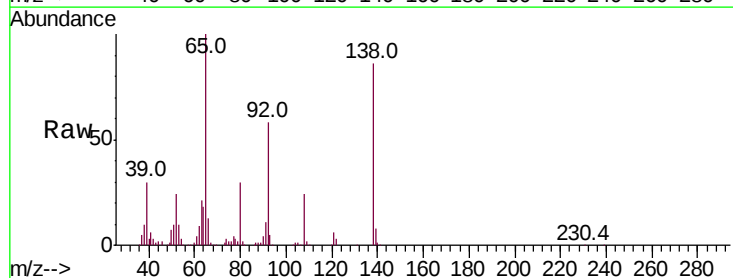
Manual Integrations
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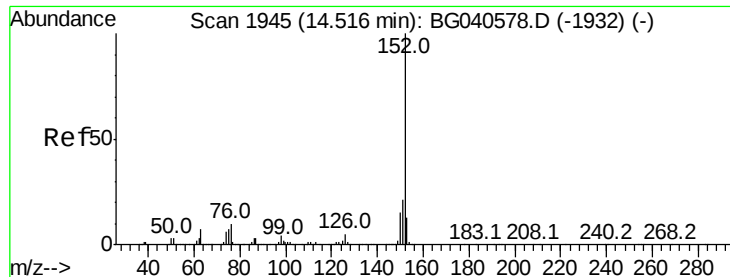
Sohil
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#48
2-Nitroaniline
Concen: 47.284 ng
RT: 13.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	57.8	47.4	71.0
138	86.4	66.1	99.1





#49

Acenaphthylene

Concen: 36.818 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

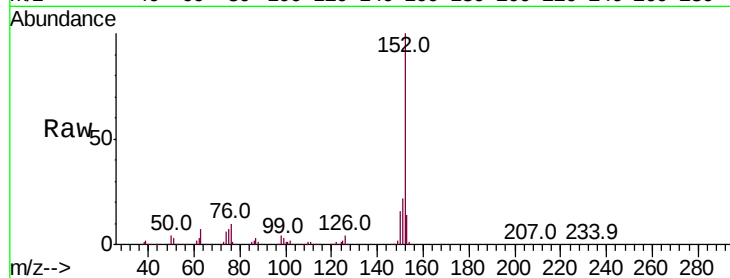
ClientSampleId :

PB119404BS

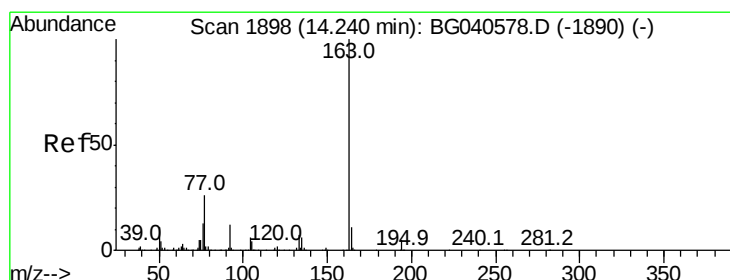
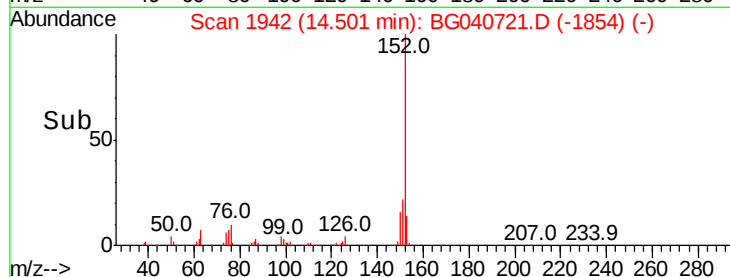
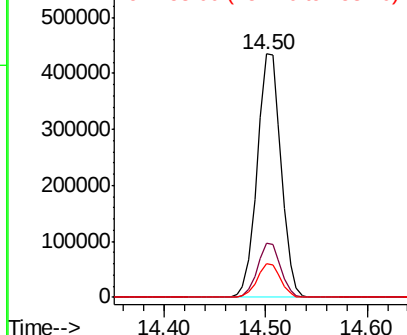
Tot Ion:	152	Resp:	707036
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.2	25.8
153	14.1	10.7	16.1

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.671 ng

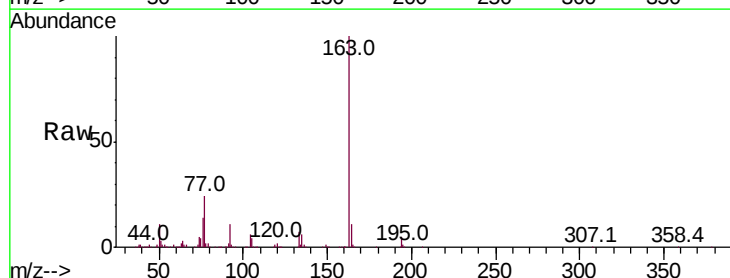
RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

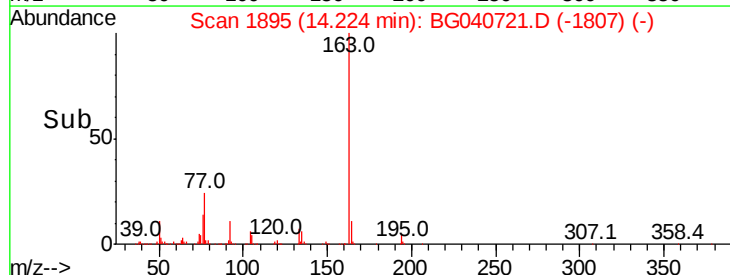
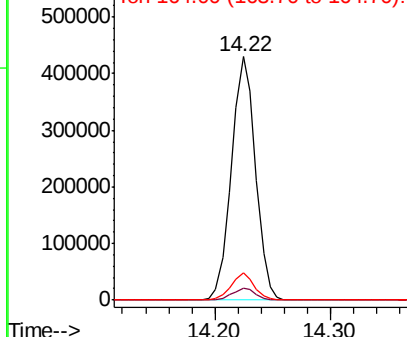
Lab File: BG040721.D

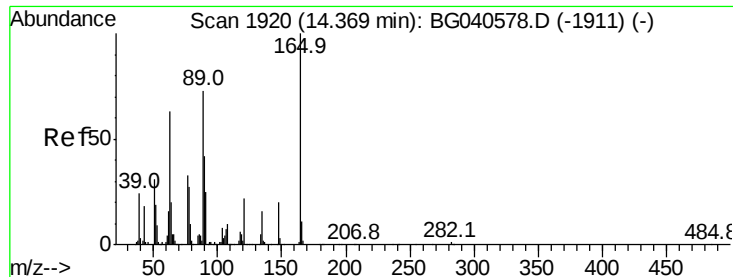
Acq: 3 May 2019 00:04

Tgt Ion:	163	Resp:	618309
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.8	5.8
164	11.1	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.637 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

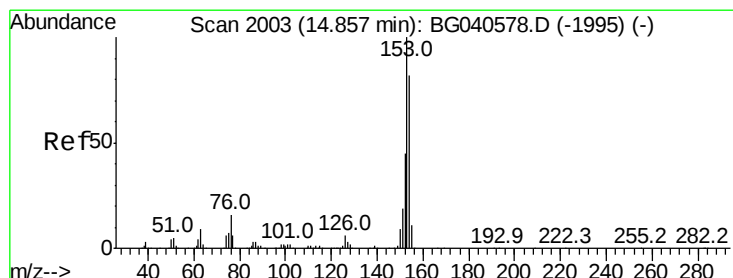
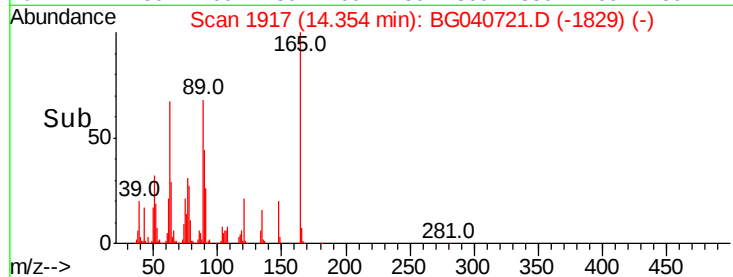
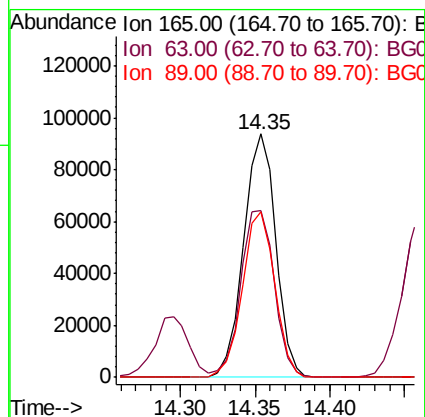
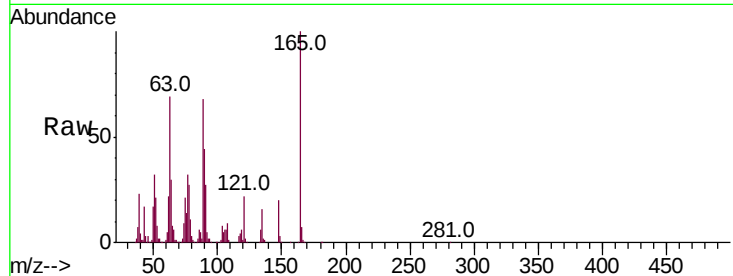
ClientSampleId :

PB119404BS

Tot Ion:	165	Resp:	138821
Ion Ratio	Lower	Upper	
165	100		
63	68.6	61.0	91.4
89	68.1	58.6	87.8

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#52

Acenaphthene

Concen: 36.903 ng

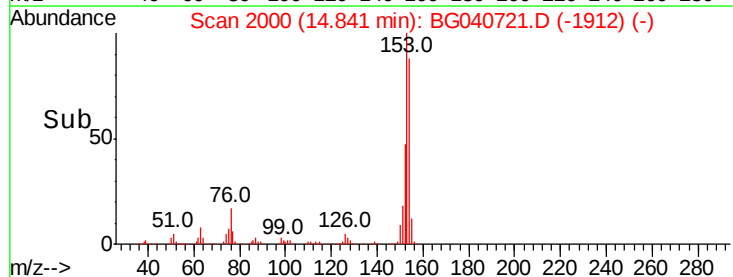
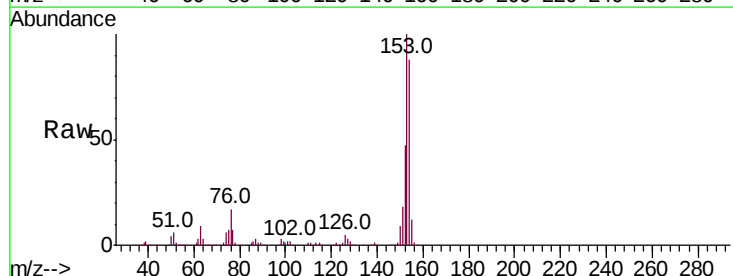
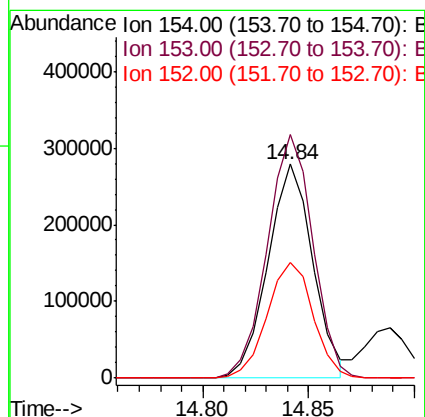
RT: 14.84 min Scan# 2000

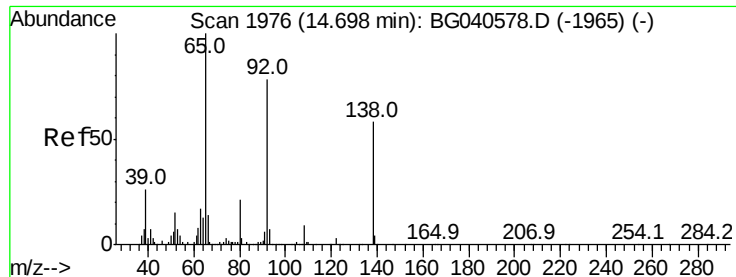
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	154	Resp:	412704
Ion Ratio	Lower	Upper	
154	100		
153	113.7	97.0	145.6
152	53.9	44.1	66.1





#53

3-Nitroaniline

Concen: 34.638 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

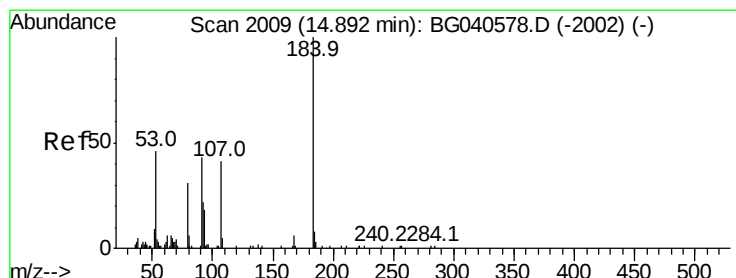
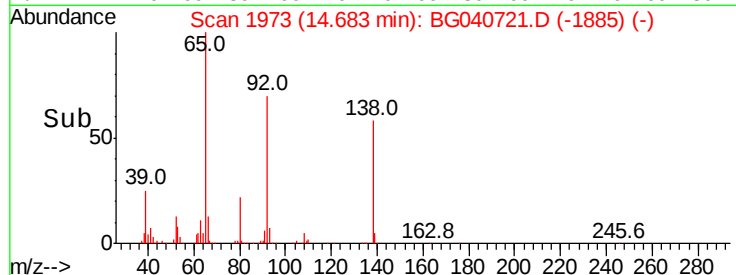
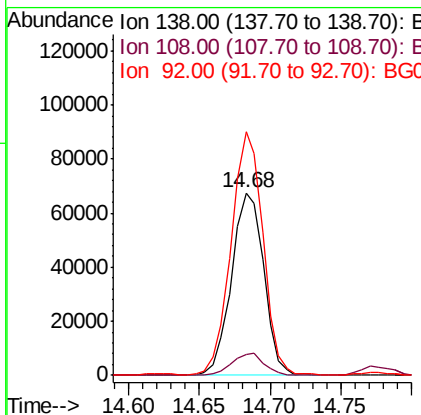
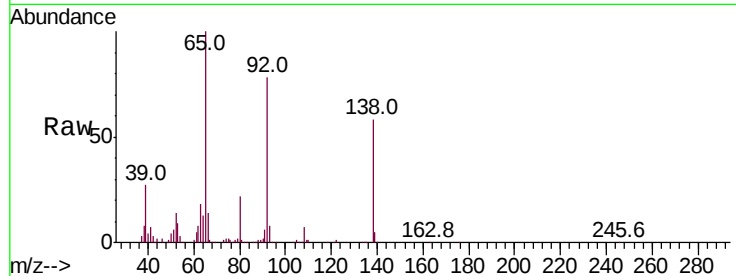
ClientSampleId :

PB119404BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	12.4	18.6#
92	133.3	108.6	162.8

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#54

2,4-Dinitrophenol

Concen: 88.974 ng

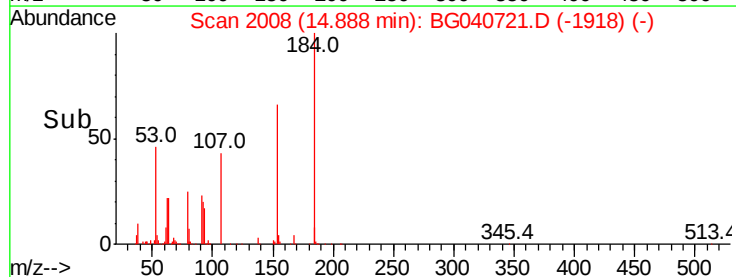
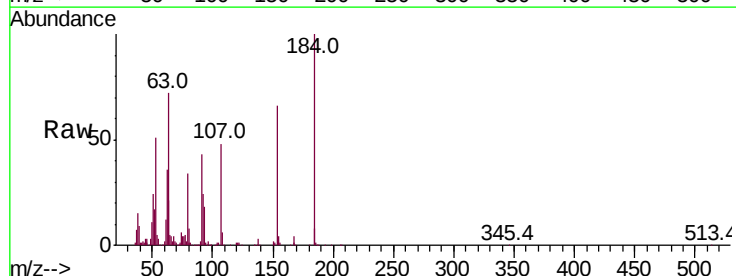
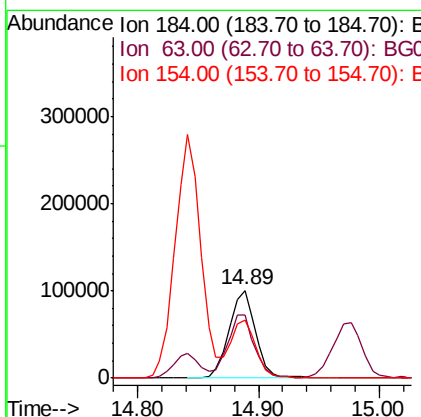
RT: 14.89 min Scan# 2008

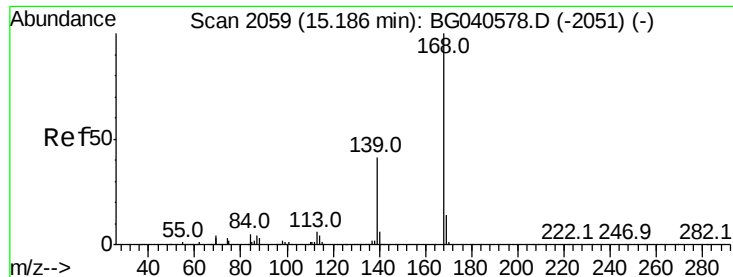
Delta R.T. -0.00 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.5	51.8	77.6
154	65.9	43.6	65.4#





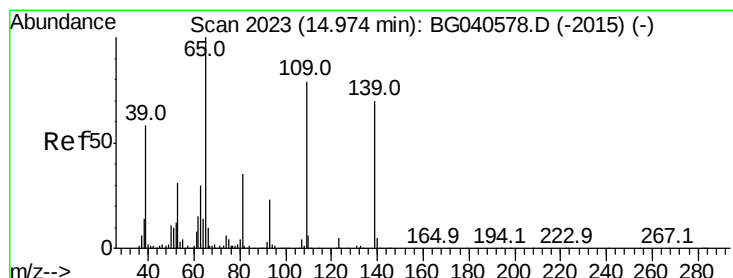
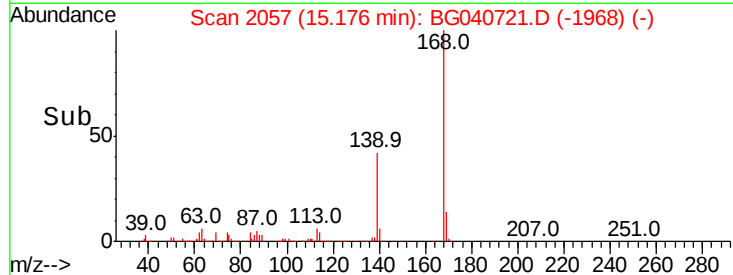
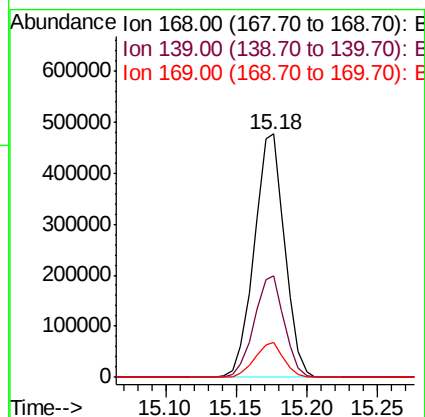
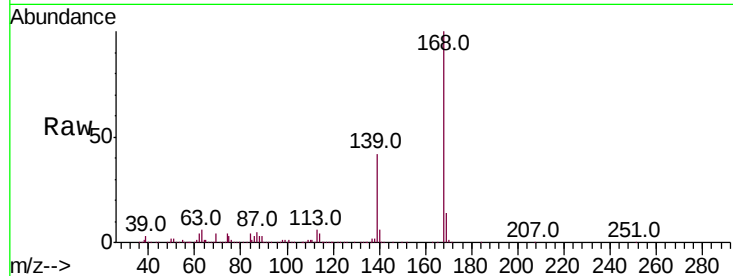
#55
Dibenzofuran
Concen: 39.249 ng
RT: 15.18 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.6	33.0	49.4	
169	14.5	11.0	16.4	

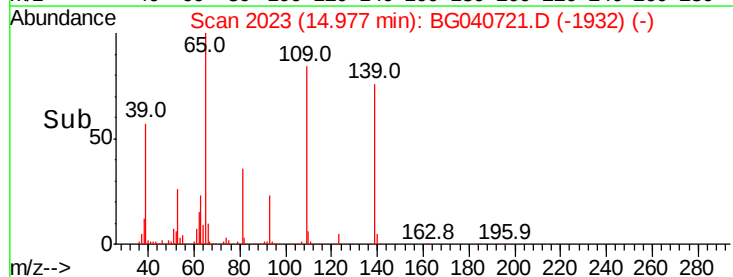
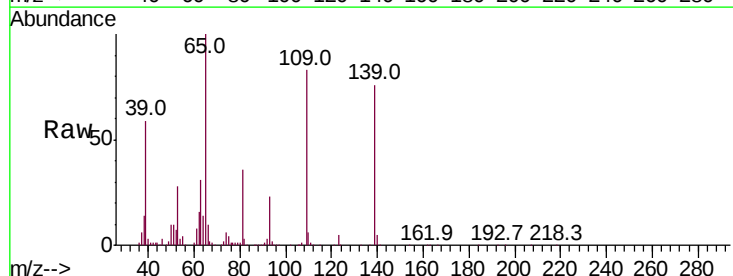
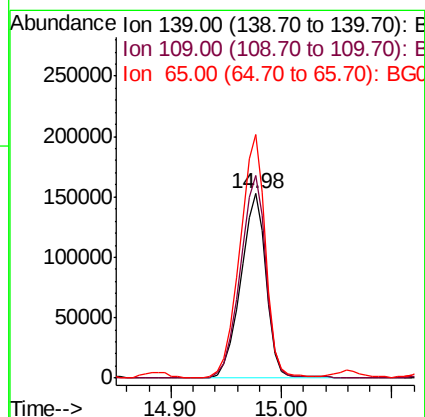
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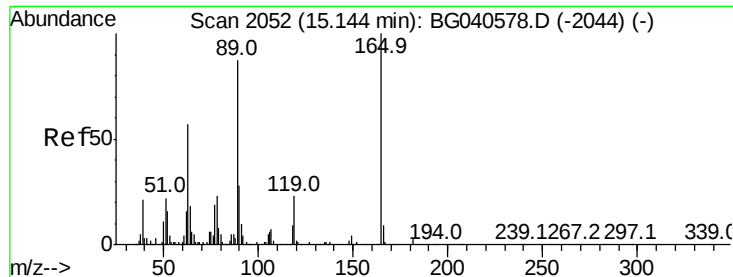
Sohil
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#56
4-Nitrophenol
Concen: 91.617 ng
RT: 14.98 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	109.8	93.8	133.8	
65	132.0	122.7	162.7	





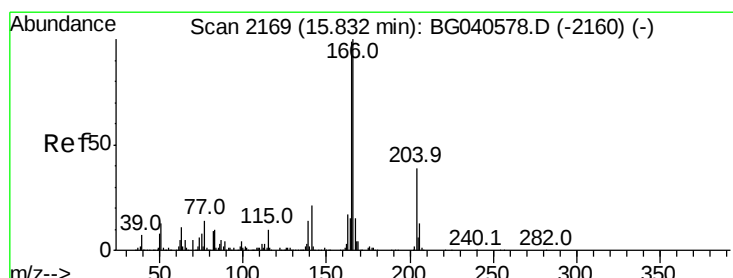
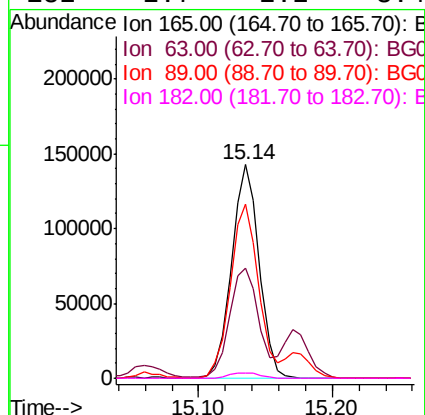
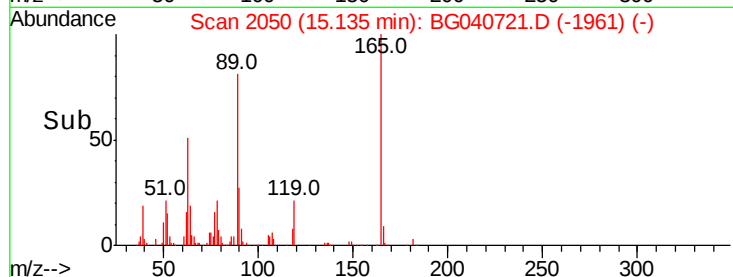
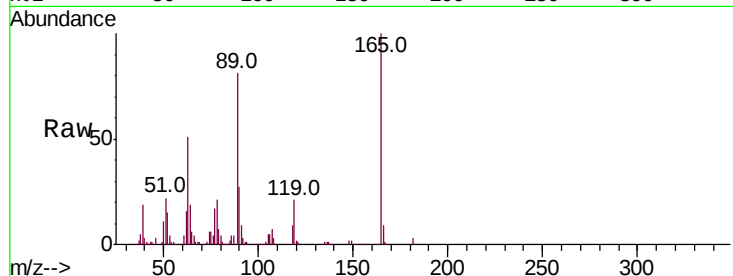
#57
2,4-Dinitrotoluene
Concen: 49.671 ng
RT: 15.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	205310		
63	51.3	45.8	68.8	
89	81.4	69.4	104.2	
182	2.7	2.2	3.4	

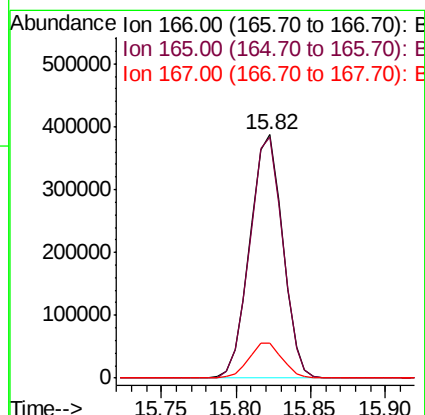
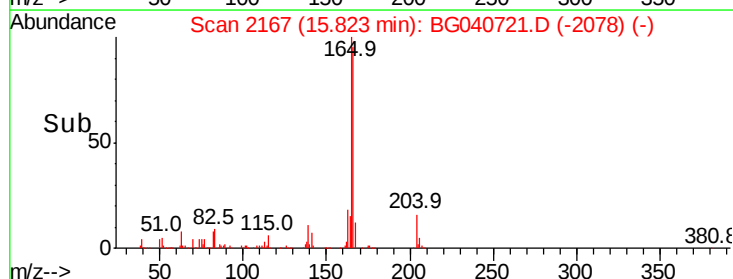
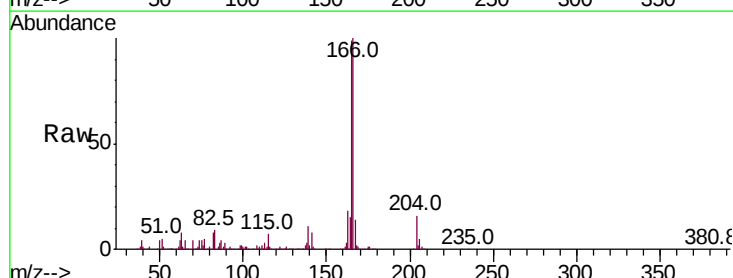
Manual Integrations
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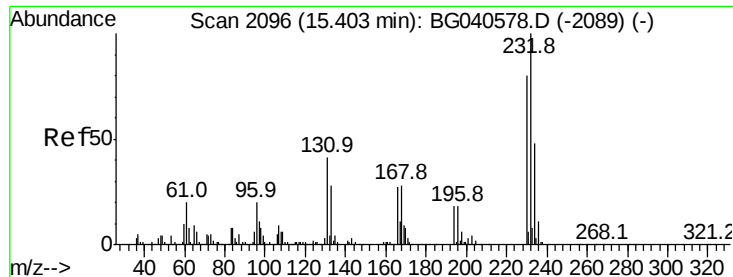
Sohil
5/3/2019 4:29:25 PM



#58
Fluorene
Concen: 39.722 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	588093		
165	98.9	79.6	119.4	
167	14.4	12.2	18.2	





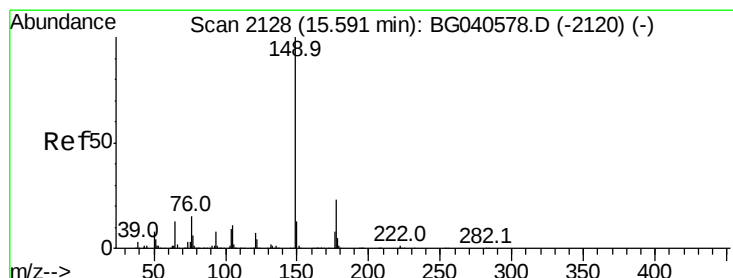
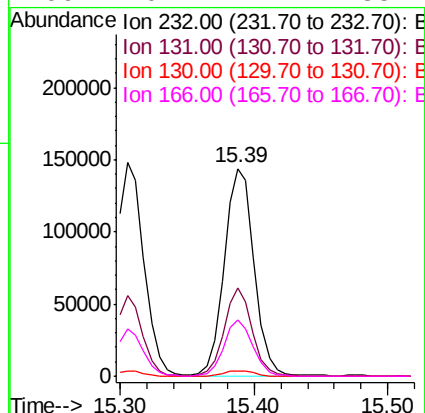
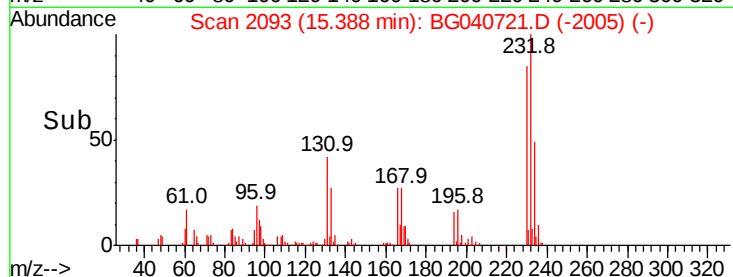
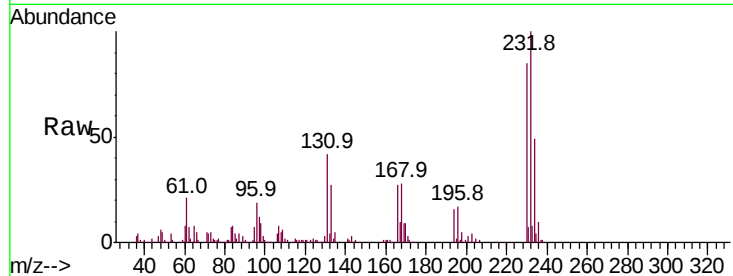
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.011 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	225355		
131	39.4	33.0	49.4	
130	2.8	2.0	3.0	
166	26.2	22.1	33.1	

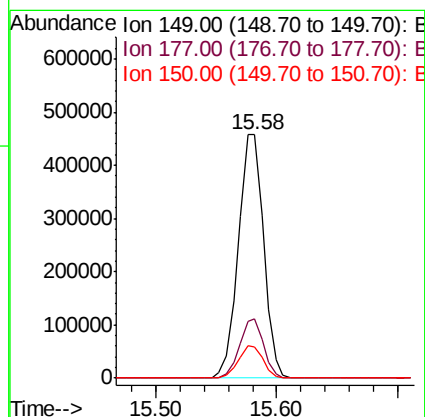
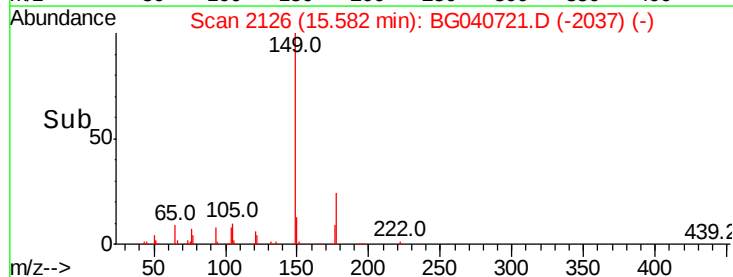
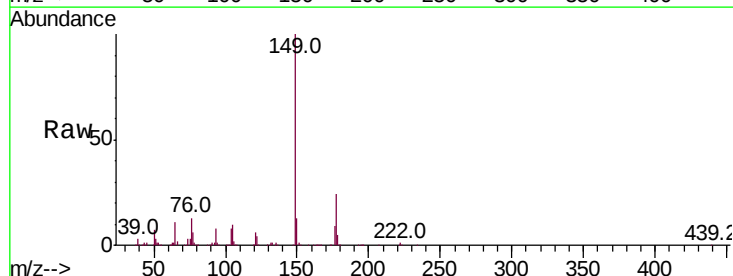
Manual Integrations
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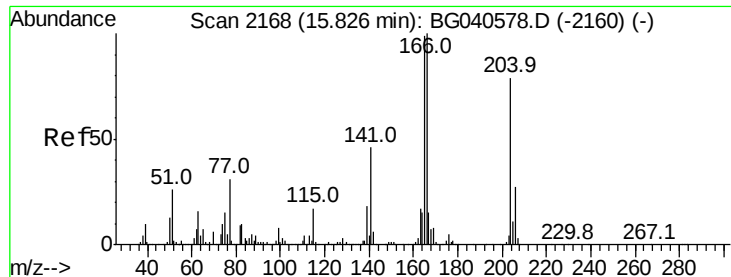
Sohil
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#60
 Diethylphthalate
 Concen: 40.695 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	669204		
177	24.2	18.5	27.7	
150	12.7	10.2	15.4	





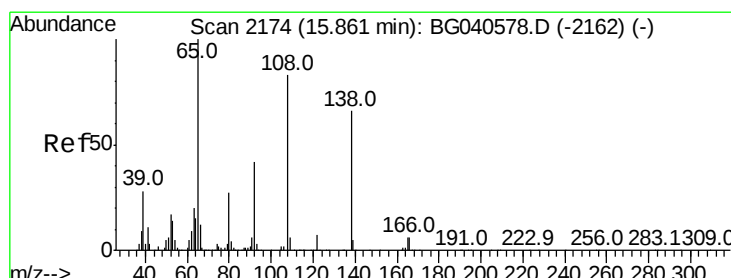
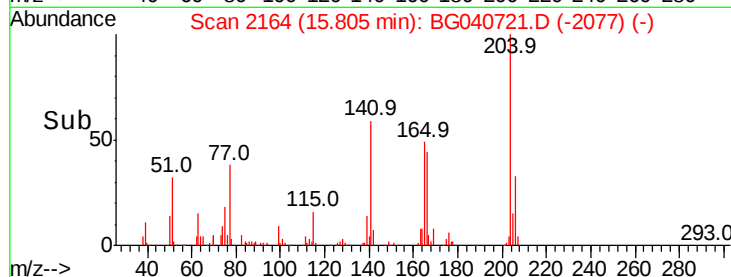
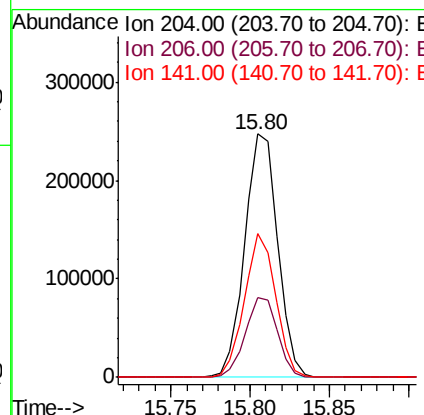
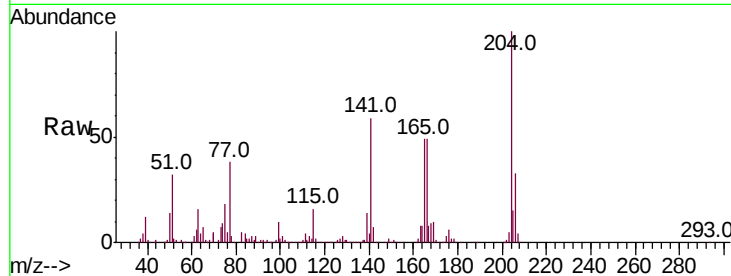
#61
4-Chlorophenyl-phenylether
Concen: 41.443 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.4	41.2
141	58.8	46.0	69.0

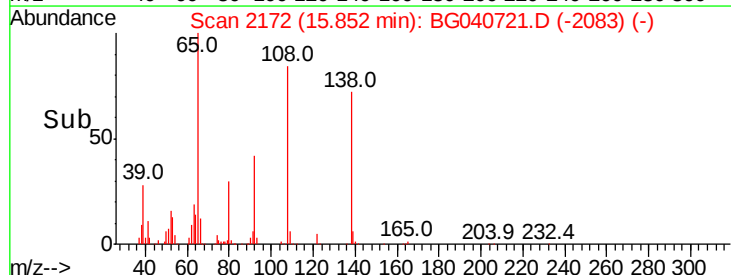
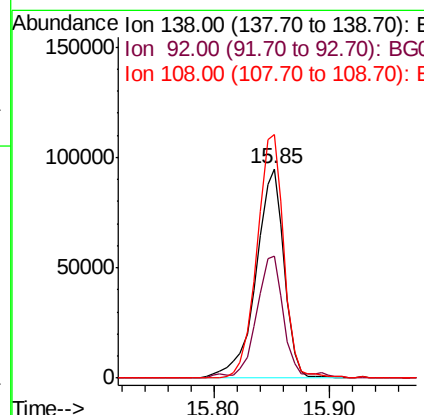
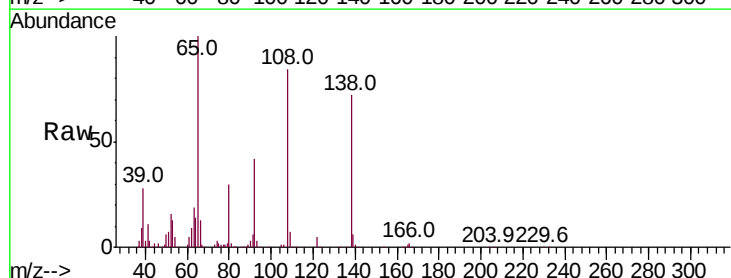
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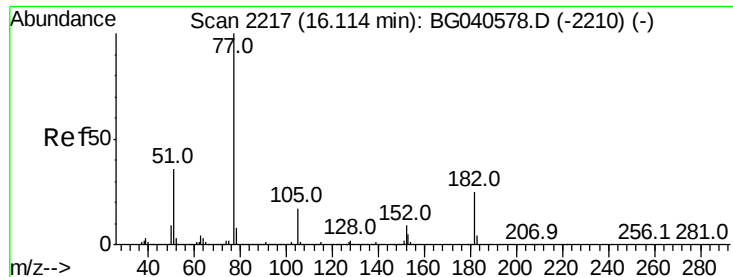
Sohil
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#62
4-Nitroaniline
Concen: 46.347 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.2	43.9	83.9
108	116.3	106.5	146.5





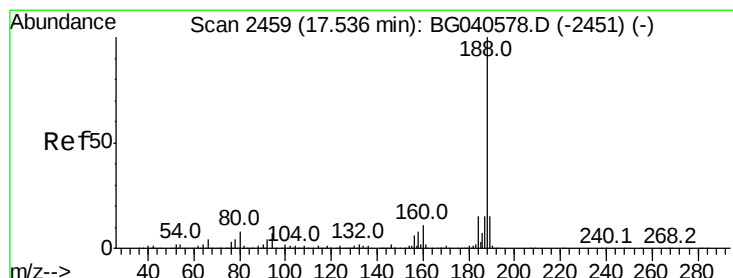
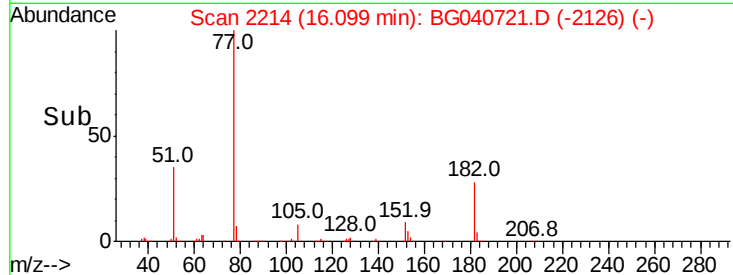
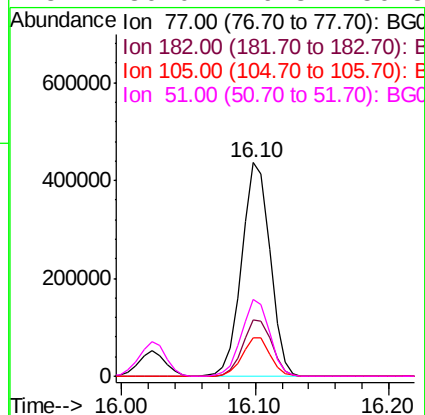
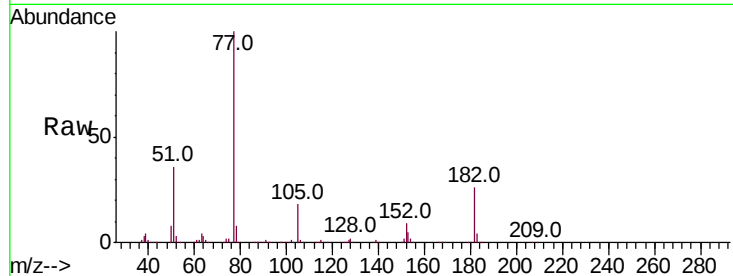
#63
Azobenzene
Concen: 37.778 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.0	45.0
105	18.0	0.0	37.6
51	36.0	16.3	56.3

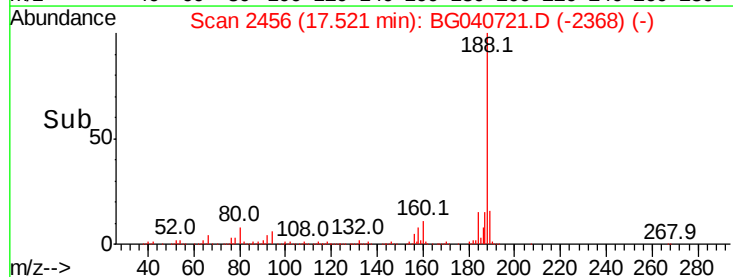
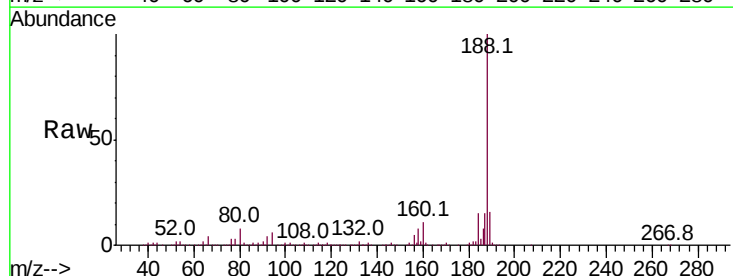
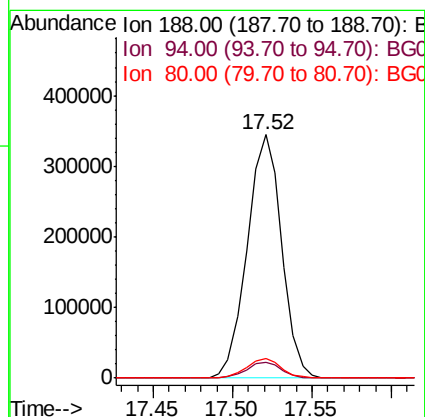
Manual Integrations
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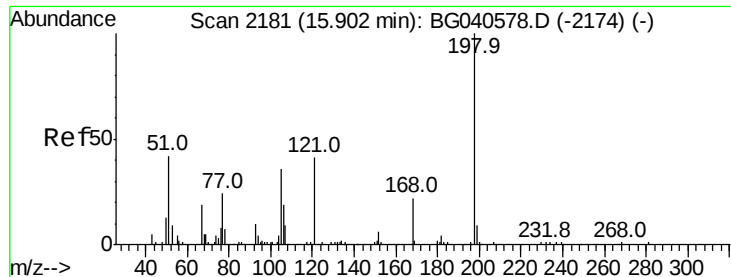
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.6	8.4
80	8.1	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.084 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

ClientSampleId :

PB119404BS

Tot Ion:198 Resp: 113988

Ion Ratio Lower Upper

198 100

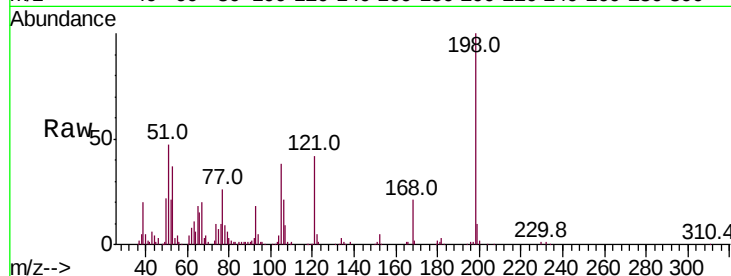
51 46.7 35.9 75.9

105 38.2 21.2 61.2

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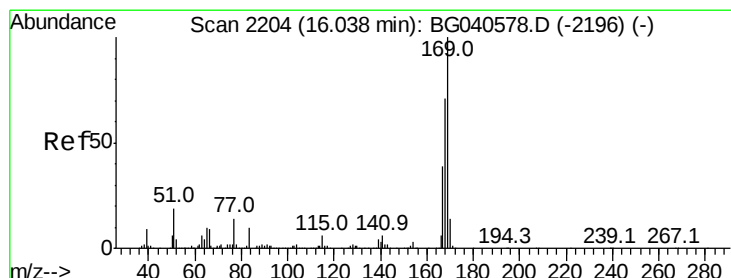
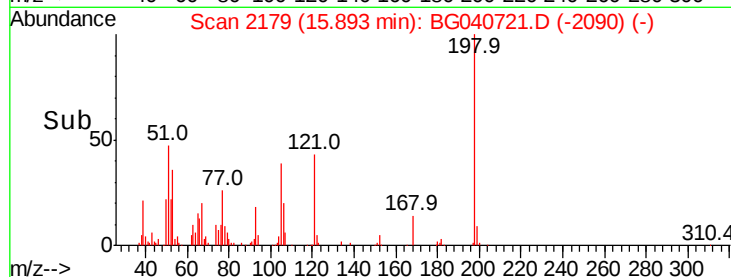
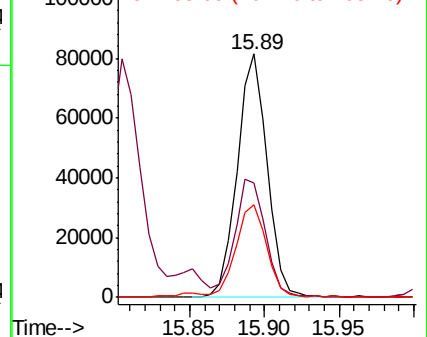
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.387 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

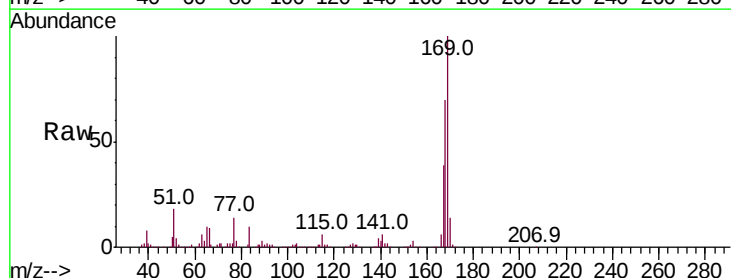
Tgt Ion:169 Resp: 555578

Ion Ratio Lower Upper

169 100

168 69.6 56.8 85.2

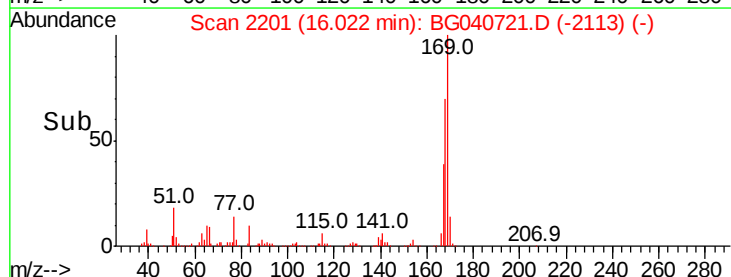
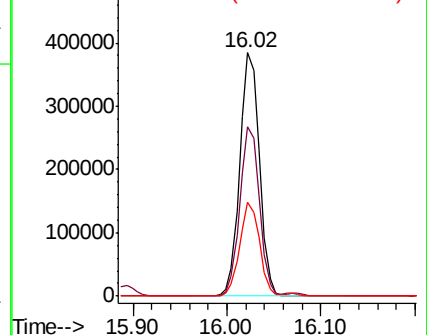
167 38.7 31.4 47.0

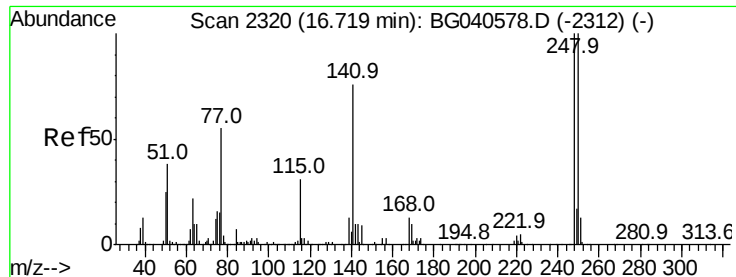


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 37.499 ng

RT: 16.70 min Scan# 2317

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

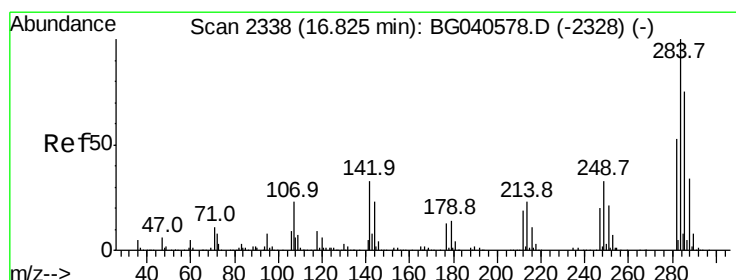
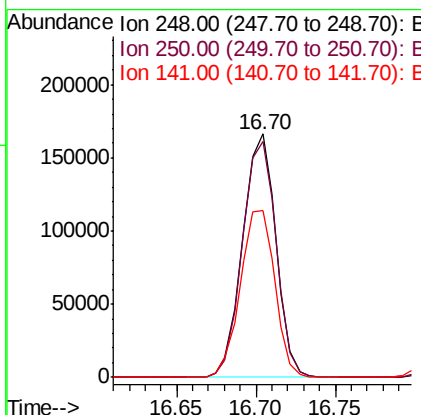
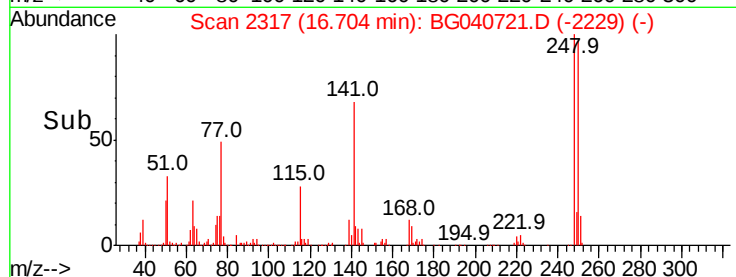
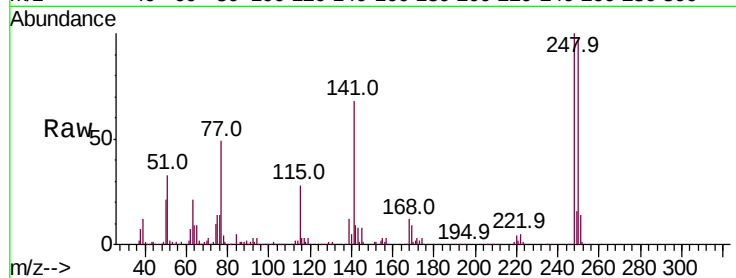
ClientSampleId :

PB119404BS

Tot Ion:	248	Resp:	242450
Ion Ratio	Lower	Upper	
248	100		
250	97.1	79.8	119.6
141	68.3	60.8	91.2

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#68

Hexachlorobenzene

Concen: 37.848 ng

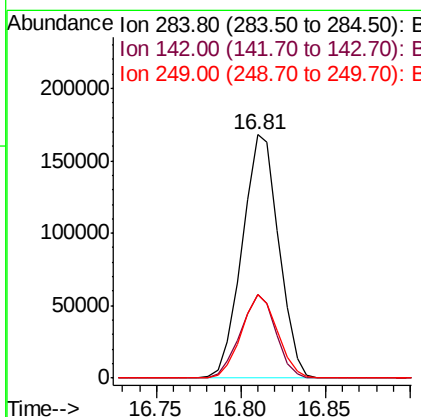
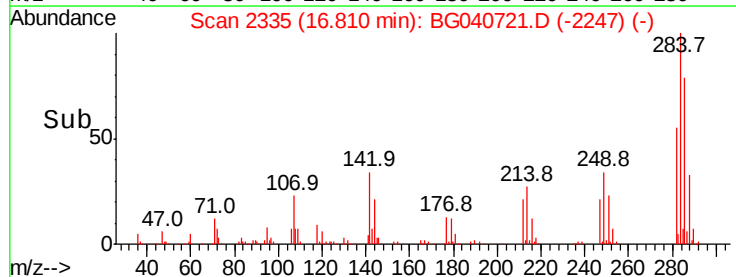
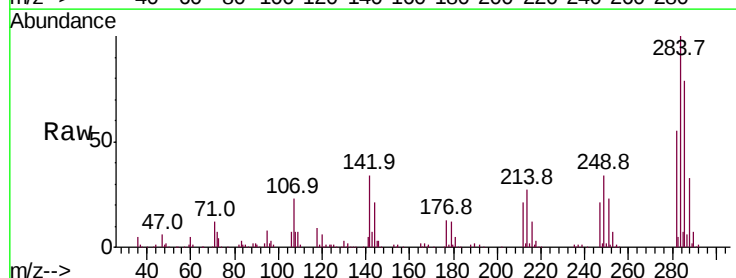
RT: 16.81 min Scan# 2335

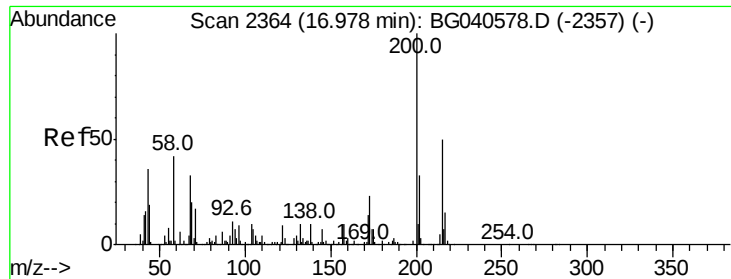
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	284	Resp:	253033
Ion Ratio	Lower	Upper	
284	100		
142	34.2	26.6	40.0
249	36.8	26.0	39.0





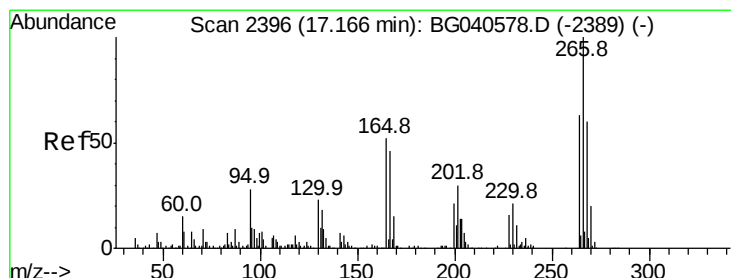
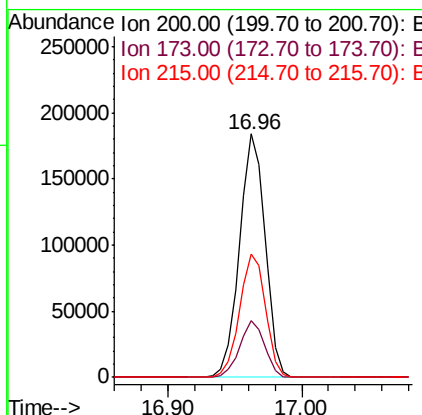
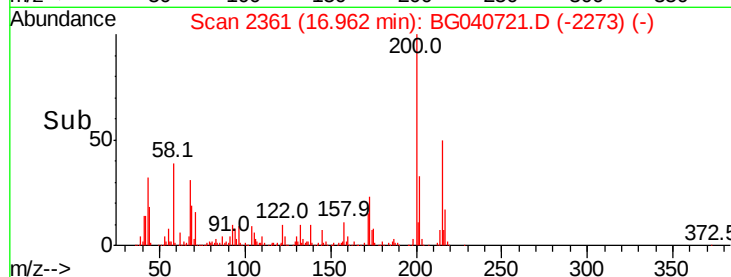
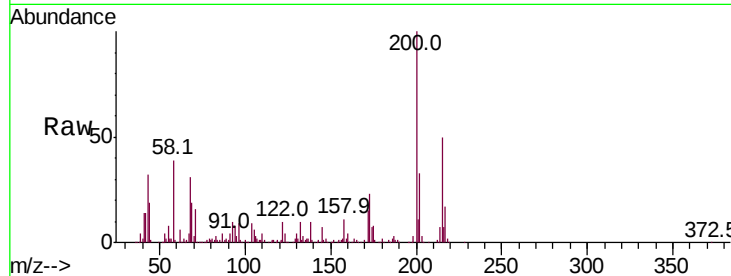
#69
Atrazine
Concen: 40.337 ng
RT: 16.96 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	2.8	42.8
215	50.5	30.2	70.2

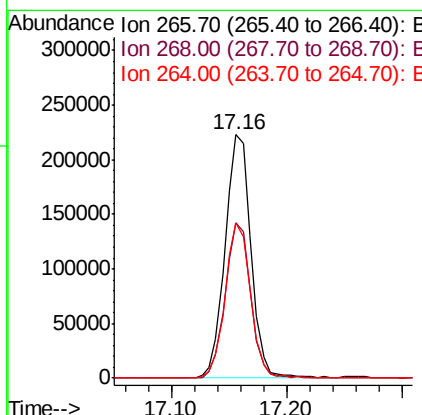
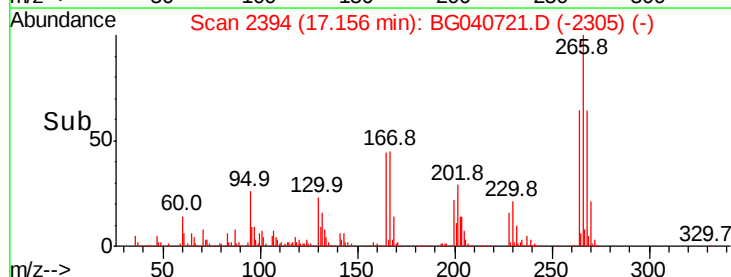
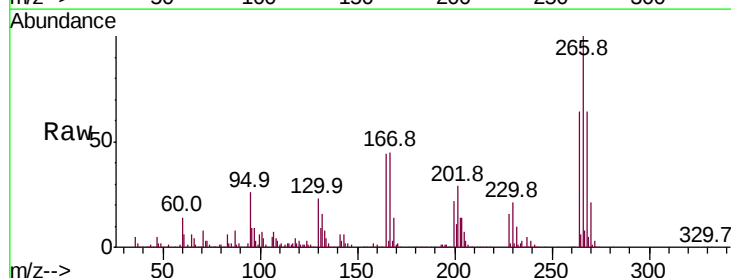
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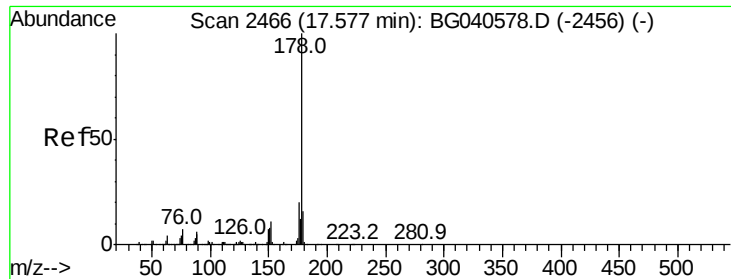
Sohil
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#70
Pentachlorophenol
Concen: 88.345 ng
RT: 17.16 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	52.3	78.5
264	63.7	50.0	75.0





#71

Phenanthrene

Concen: 37.850 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

ClientSampleId :

PB119404BS

Tot Ion:178 Resp: 1058007

Ion Ratio Lower Upper

178 100

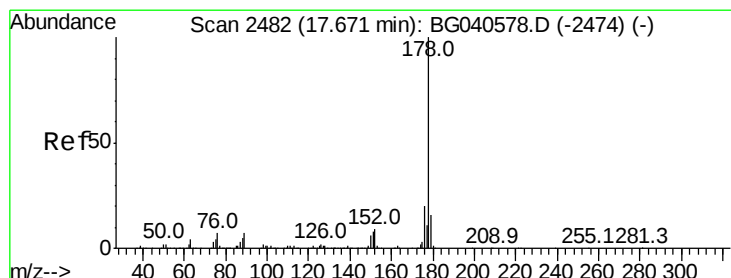
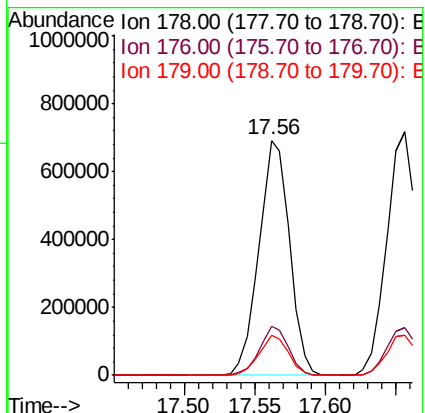
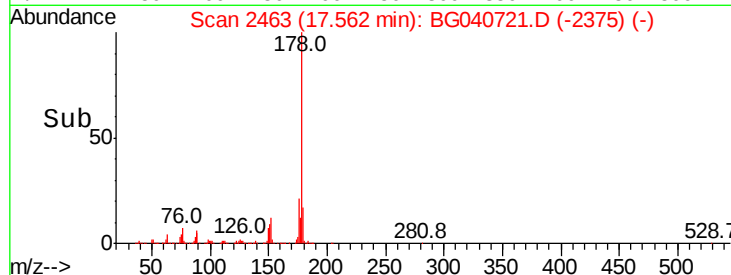
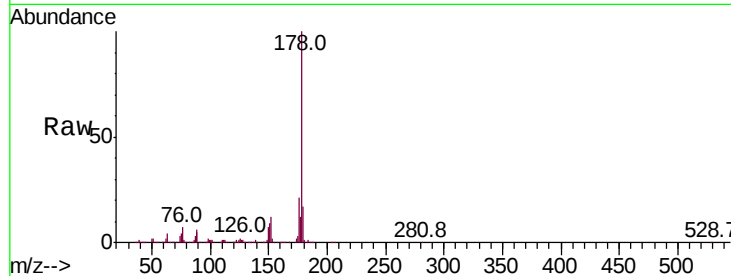
176 20.7 15.8 23.6

179 17.3 12.6 18.8

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#72

Anthracene

Concen: 38.471 ng

RT: 17.66 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

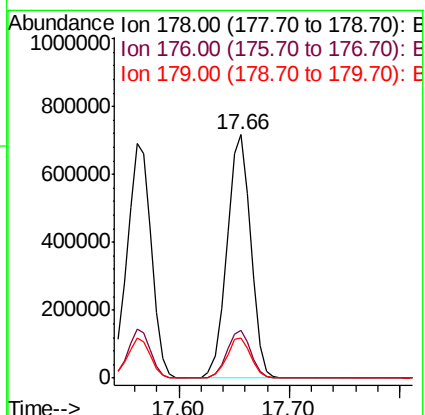
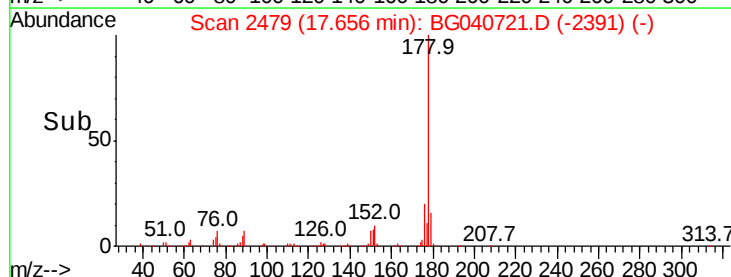
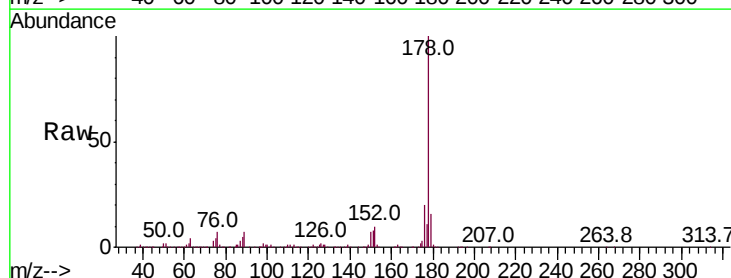
Tgt Ion:178 Resp: 1080923

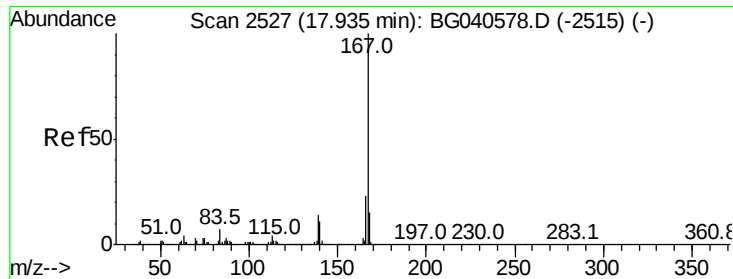
Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 16.5 12.9 19.3





#73

Carbazole

Concen: 38.256 ng

RT: 17.92 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

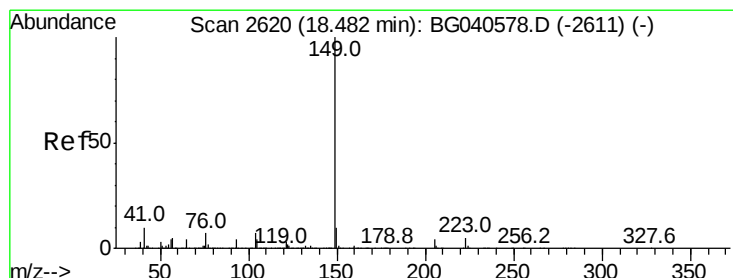
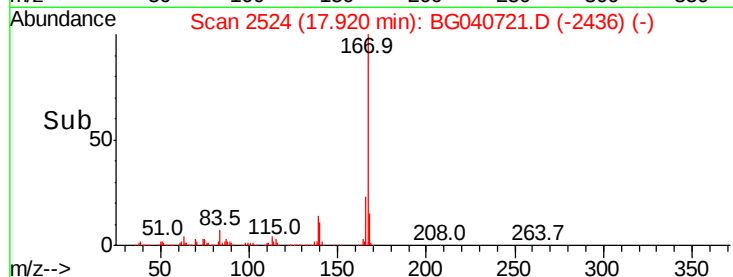
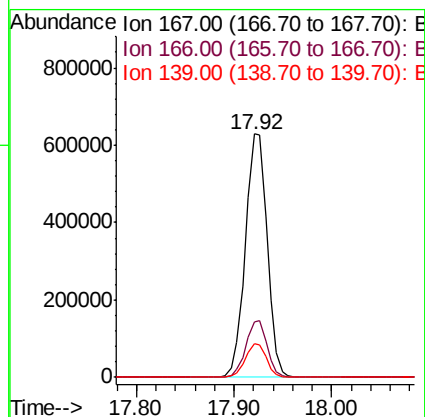
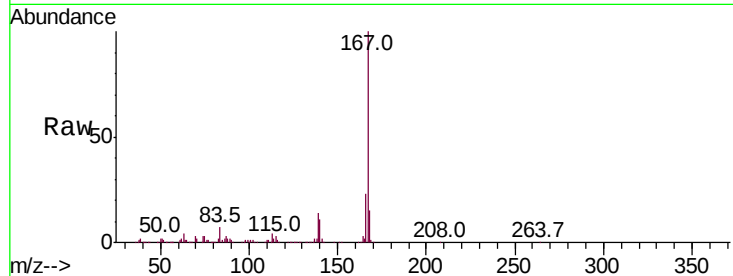
ClientSampleId :

PB119404BS

Tot Ion:	167	Resp:	979316
Ion Ratio	Lower	Upper	
167	100		
166	22.7	18.2	27.4
139	13.9	11.4	17.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 38.051 ng

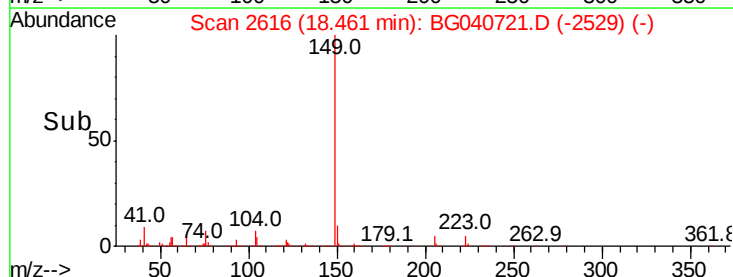
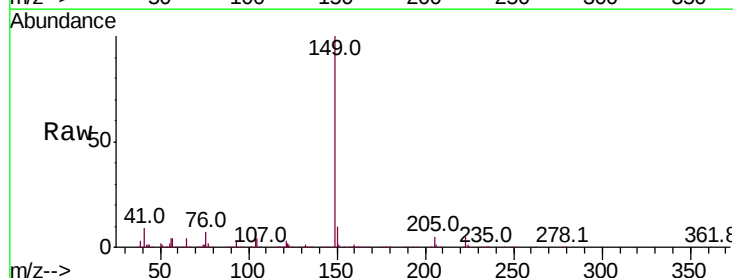
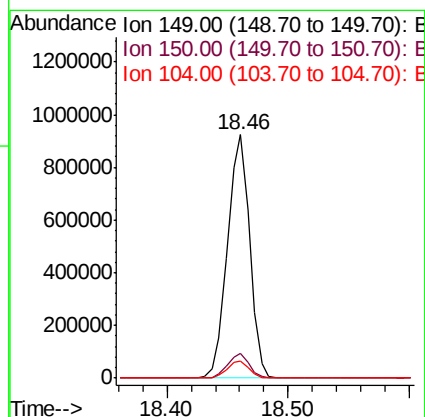
RT: 18.46 min Scan# 2616

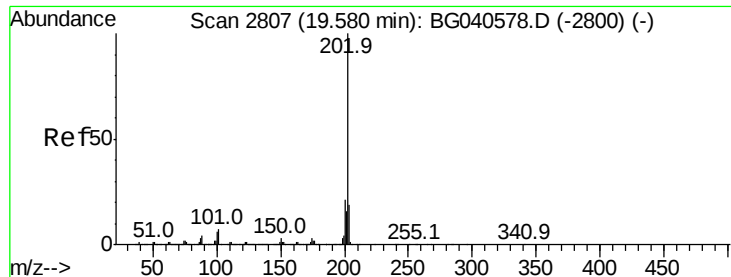
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	149	Resp:	1175687
Ion Ratio	Lower	Upper	
149	100		
150	10.4	8.2	12.2
104	7.0	5.4	8.2





#75

Fluoranthene

Concen: 39.999 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

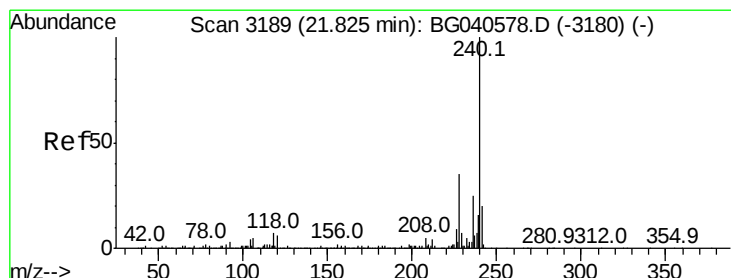
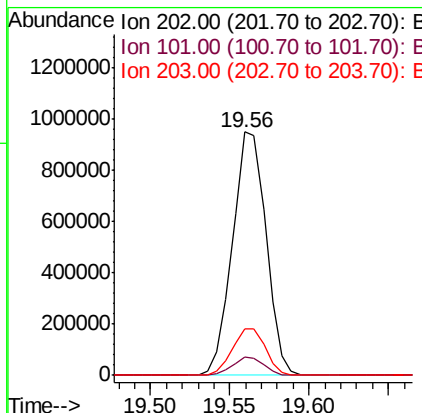
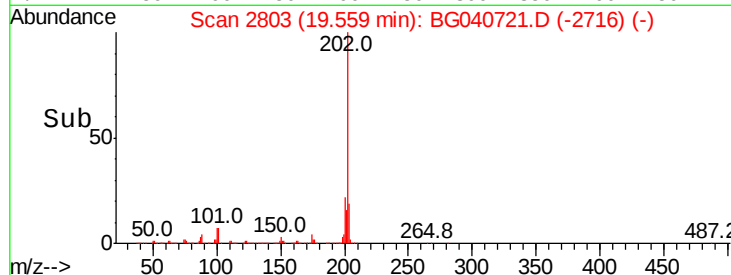
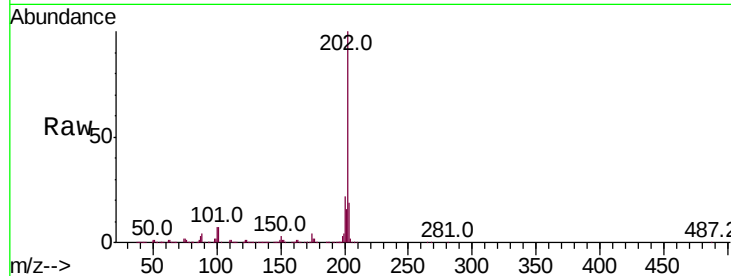
ClientSampleId :

PB119404BS

Tot Ion:	202	Resp:	1393311
Ion Ratio	Lower	Upper	
202	100		
101	7.4	0.0	27.5
203	19.2	0.0	39.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

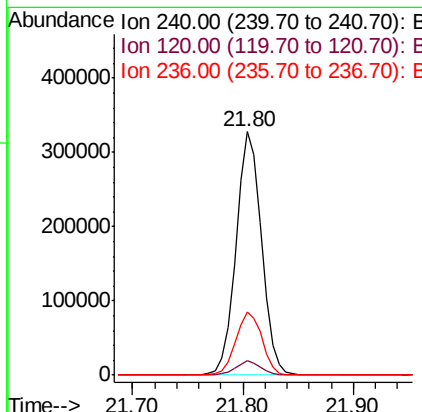
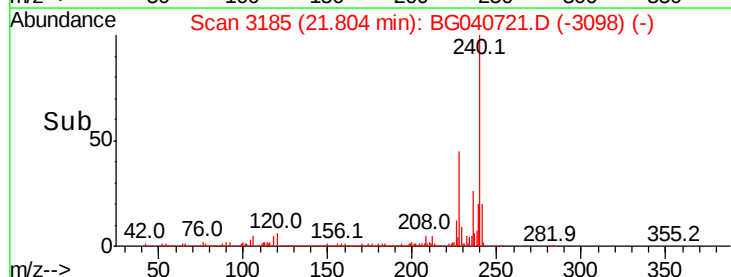
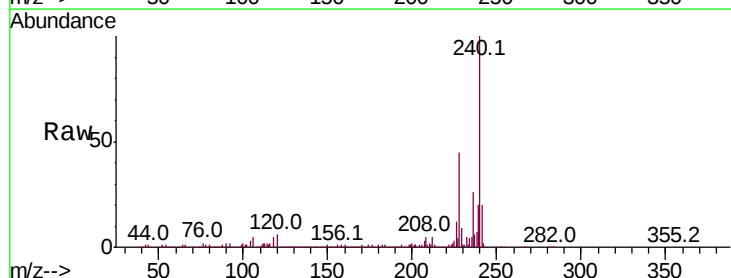
RT: 21.80 min Scan# 3185

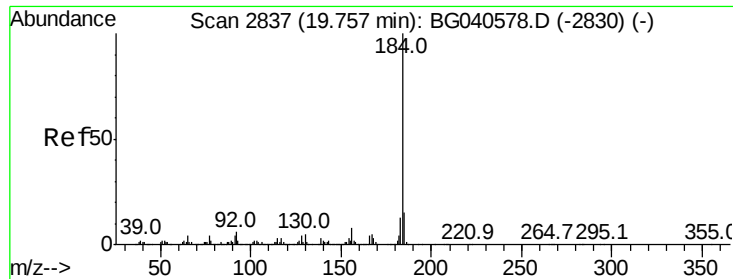
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	240	Resp:	530077
Ion Ratio	Lower	Upper	
240	100		
120	5.7	5.0	7.6
236	25.8	20.3	30.5





#77

Benzidine

Concen: 33.330 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

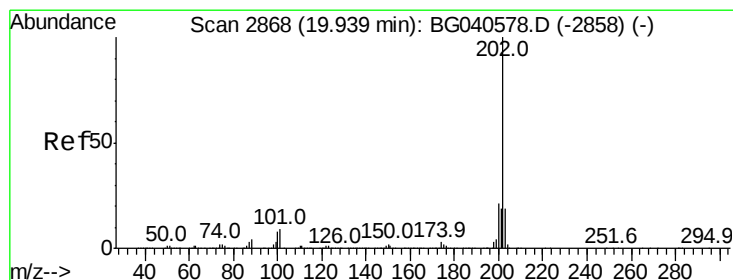
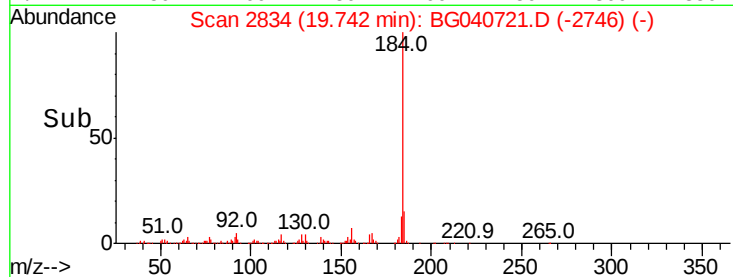
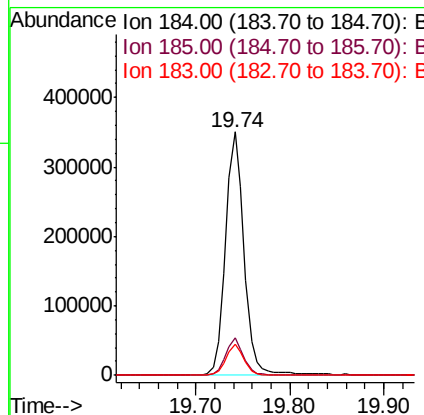
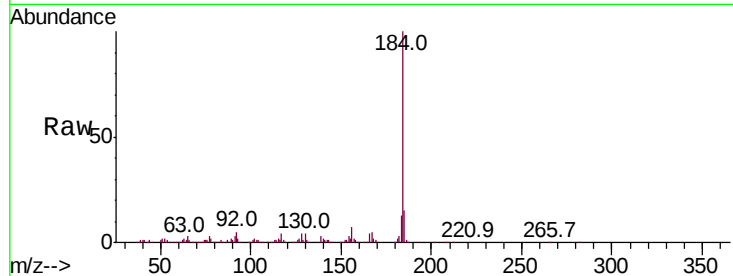
ClientSampleId :

PB119404BS

Tot Ion:	184	Resp:	483741
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	12.9	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 41.467 ng

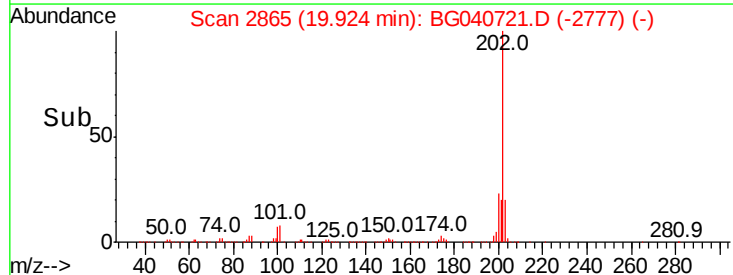
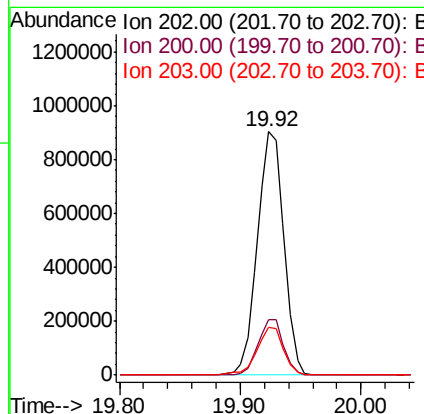
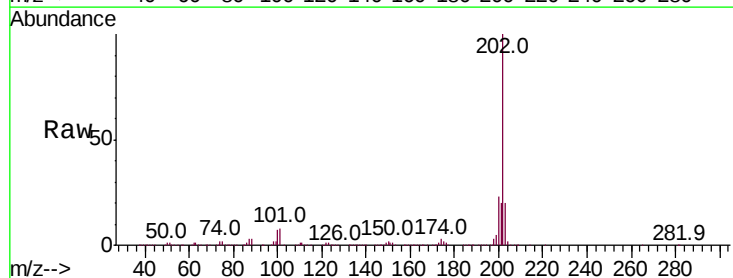
RT: 19.92 min Scan# 2865

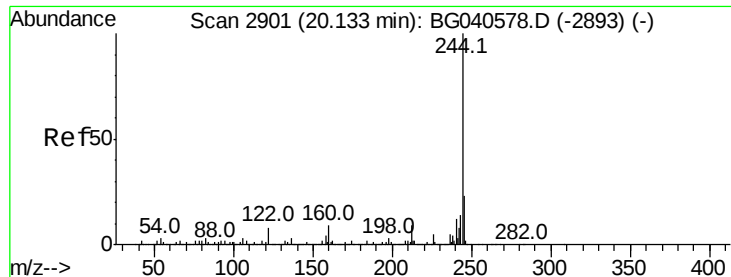
Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	202	Resp:	1377654
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.2	25.8
203	19.7	15.0	22.4





#79

Terphenyl-d14

Concen: 80.737 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

ClientSampleId :

PB119404BS

Tot Ion:244 Resp: 1931779

Ion Ratio Lower Upper

244 100

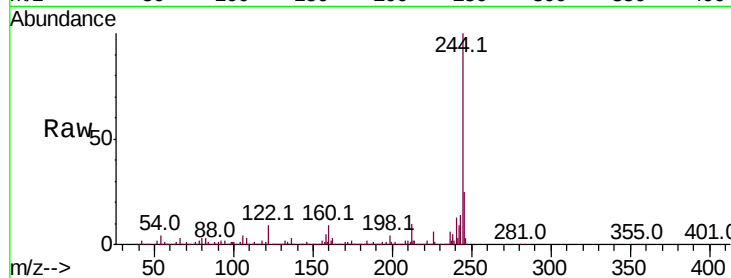
212 10.0 7.2 10.8

122 9.1 6.6 10.0

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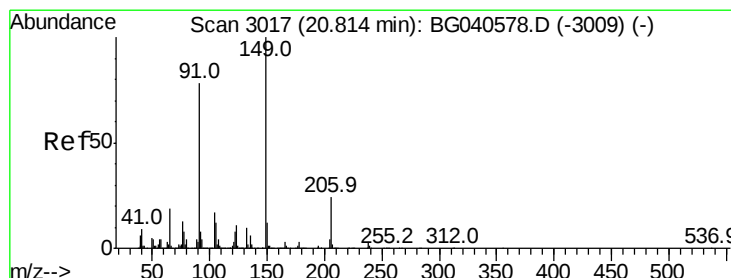
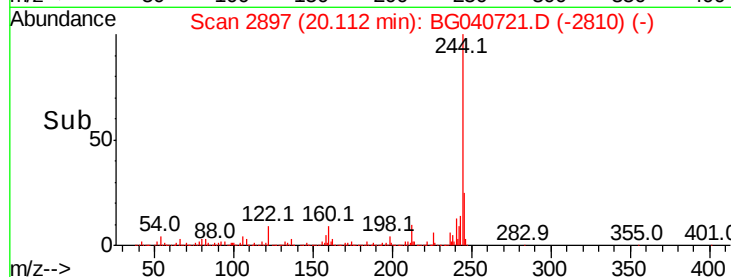
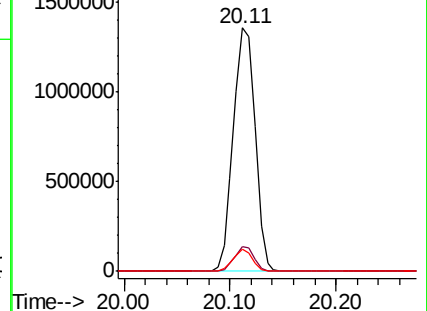
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.623 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

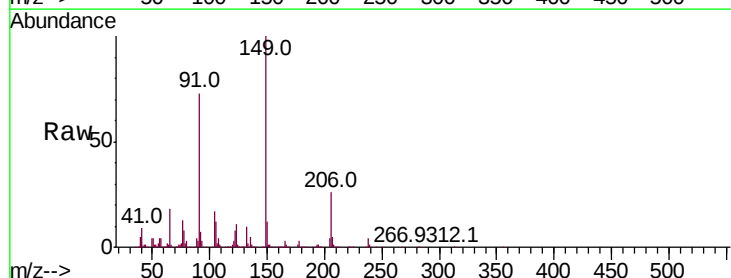
Tgt Ion:149 Resp: 551915

Ion Ratio Lower Upper

149 100

91 73.5 62.6 93.8

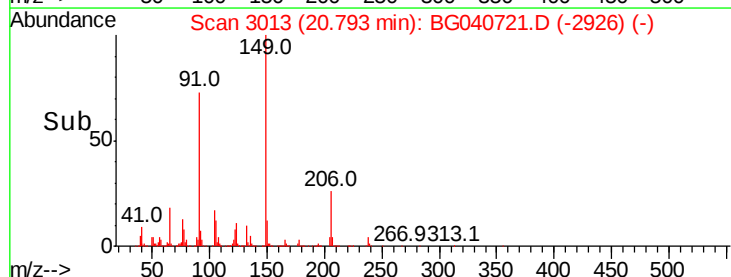
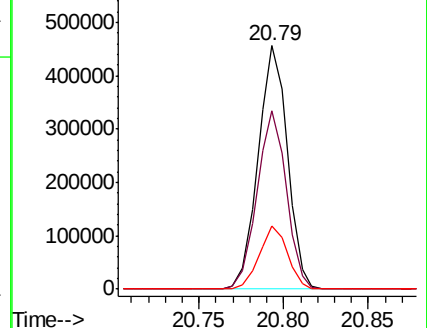
206 25.7 19.4 29.2

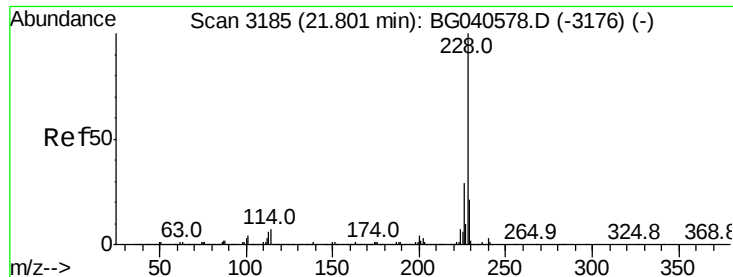


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





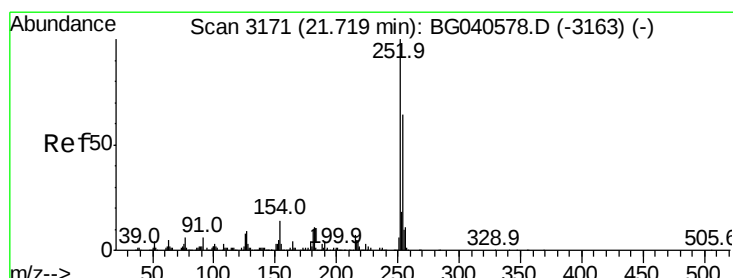
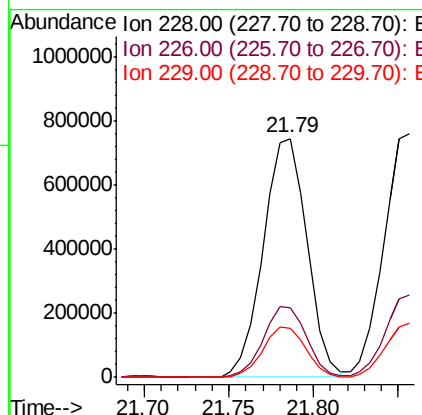
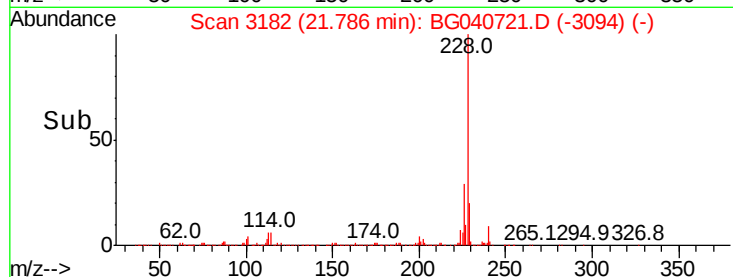
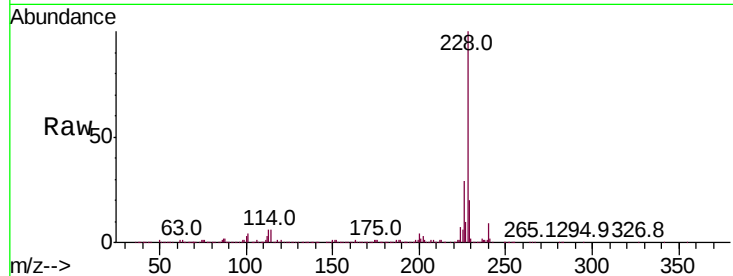
#81
Benzo(a)anthracene
Concen: 39.775 ng
RT: 21.79 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	20.4	17.0	25.4

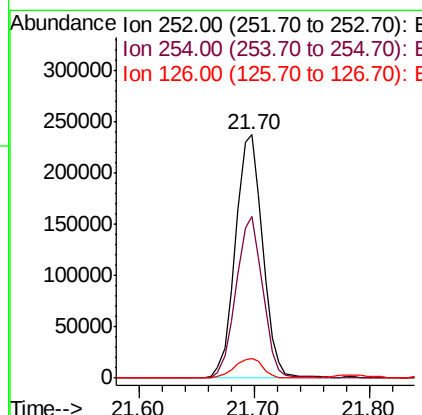
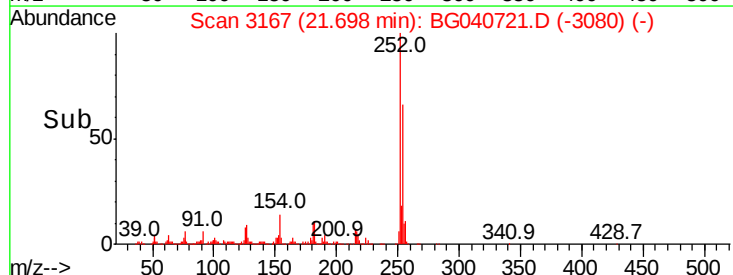
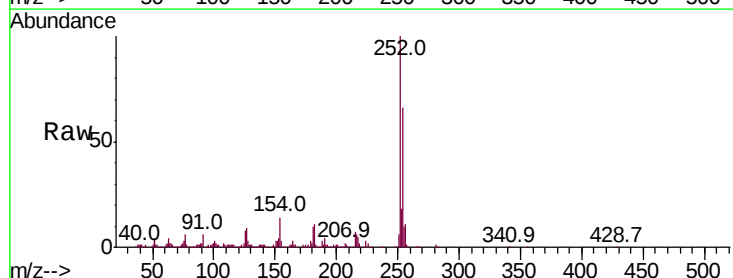
Manual Integrations
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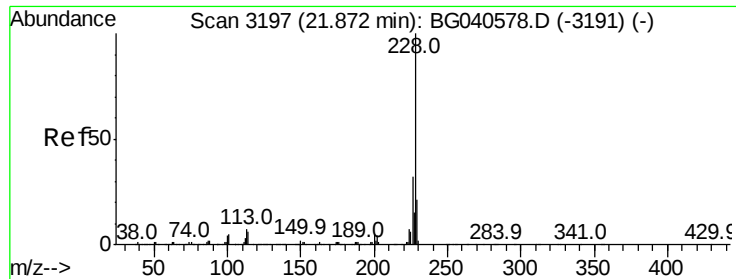
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 32.490 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.4	51.2	76.8
126	8.3	6.6	10.0





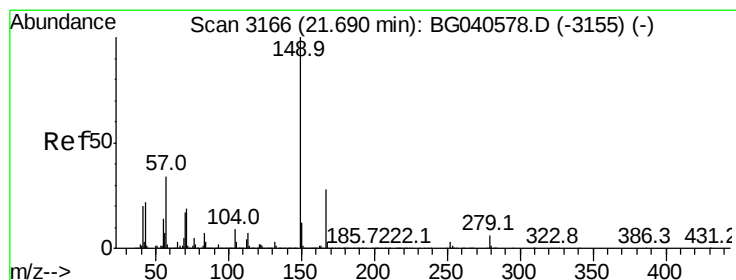
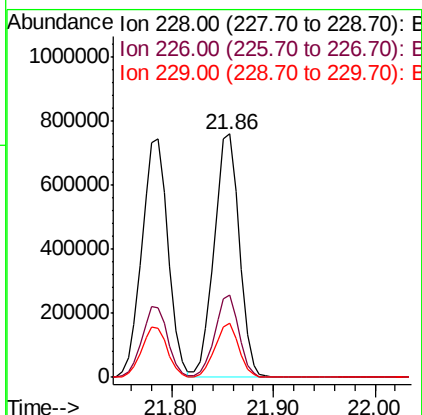
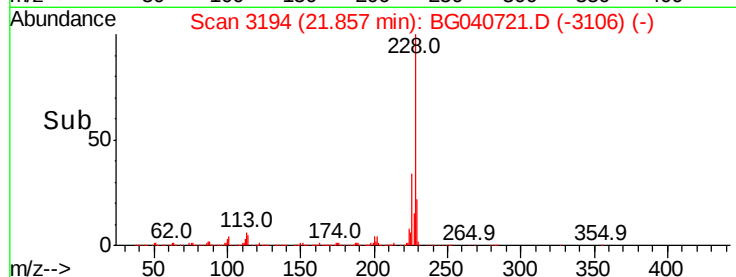
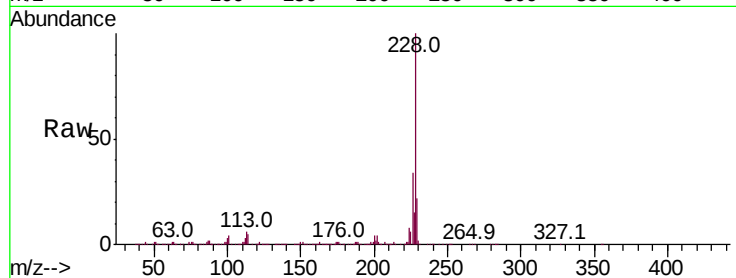
#83
 Chrysene
 Concen: 41.164 ng
 RT: 21.86 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BS

Tot	Ion:228	Resp:	1311521
Ion	Ratio	Lower	Upper
228	100		
226	33.7	25.5	38.3
229	22.1	16.8	25.2

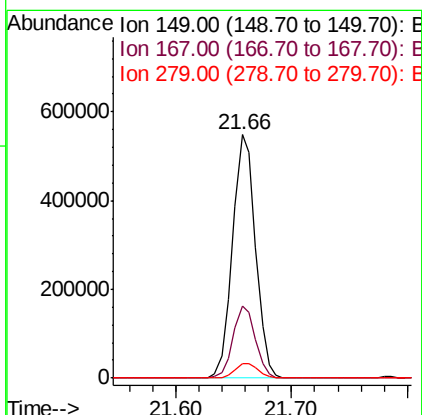
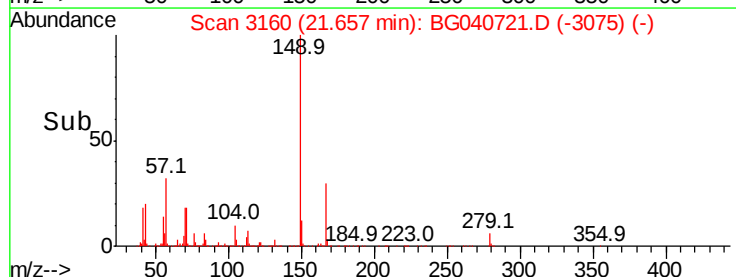
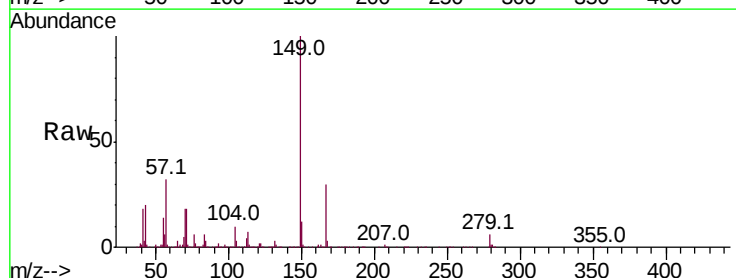
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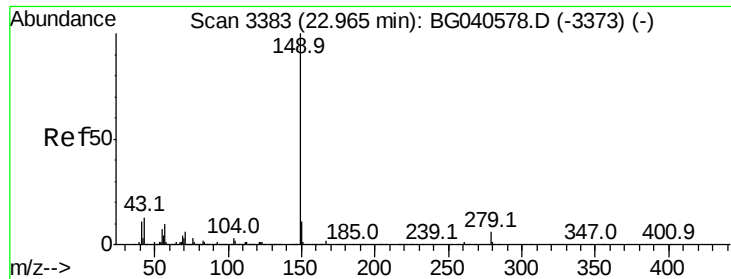
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.327 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.03 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Tgt Ion:149	Resp: 753777
Ion Ratio	Lower Upper
149 100	
167 29.9	22.4 33.6
279 5.8	4.6 6.8





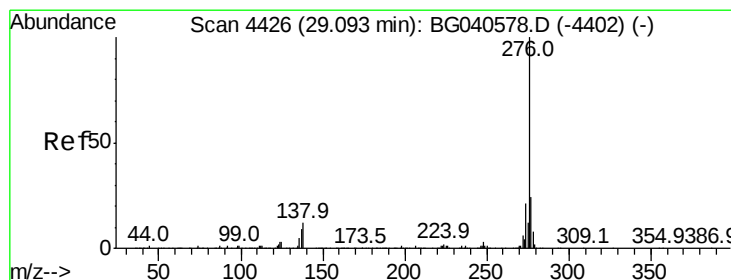
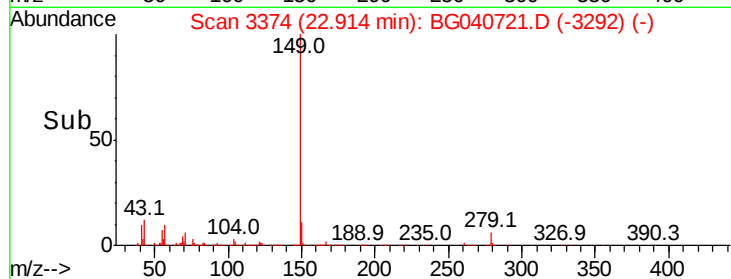
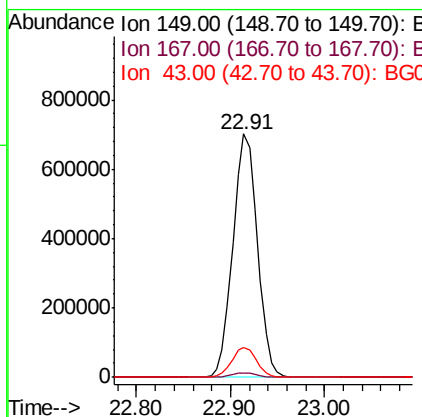
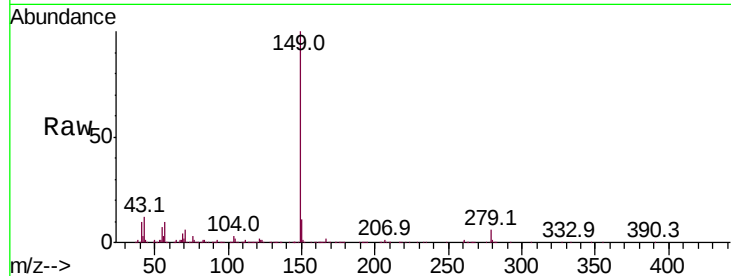
#85
Di-n-octyl phthalate
Concen: 40.351 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.05 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	12.3	10.2	15.2

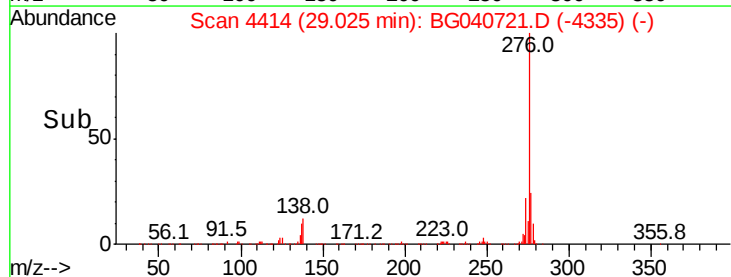
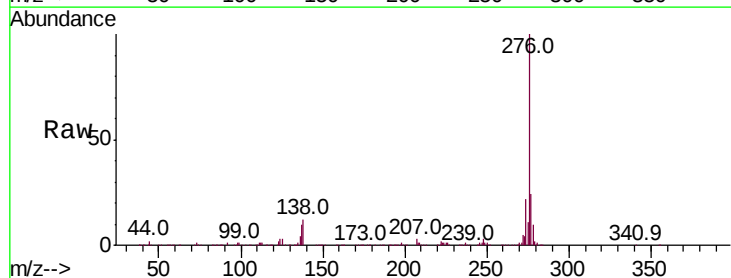
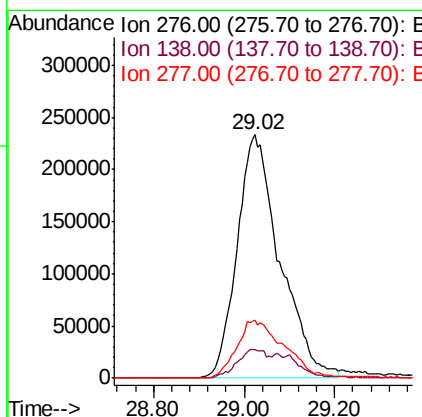
Manual Integrations
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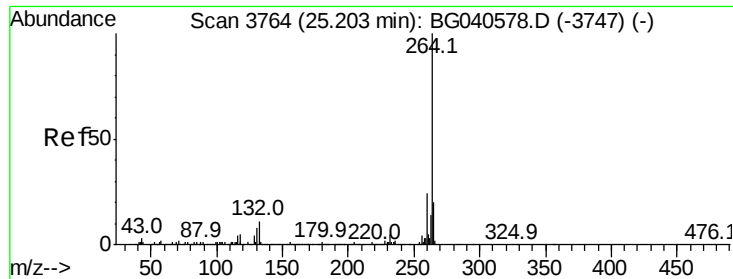
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.686 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.07 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.6	9.8	14.6#
277	26.4	17.3	25.9#





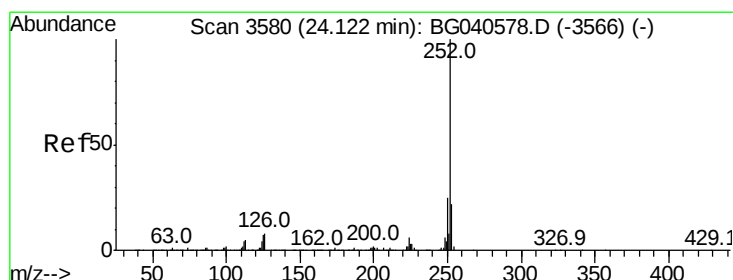
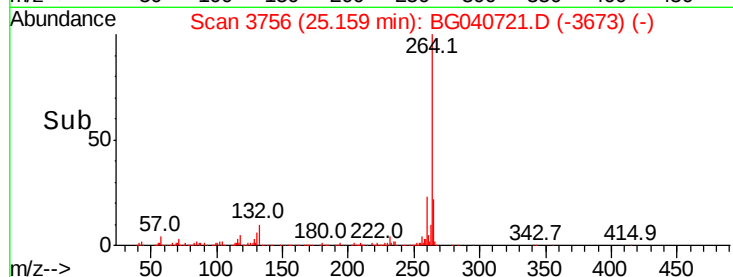
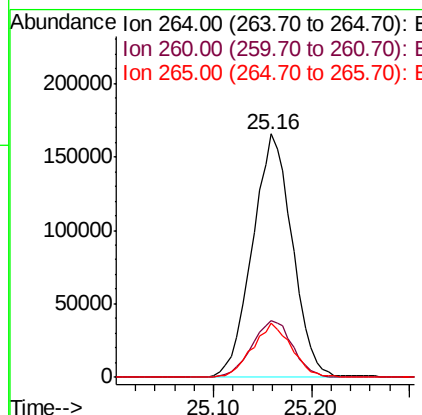
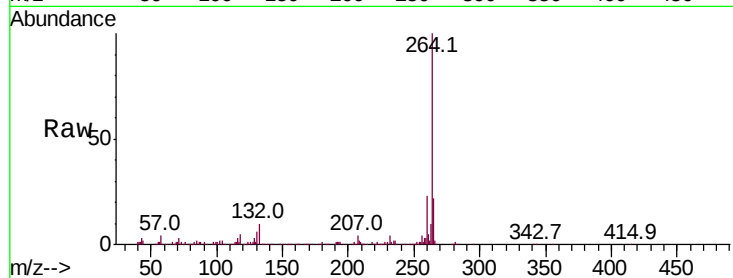
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.04 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Tot Ion:	264	Resp:	472082
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	22.3	16.6	25.0

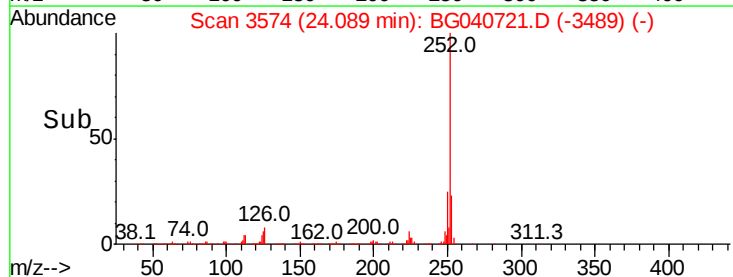
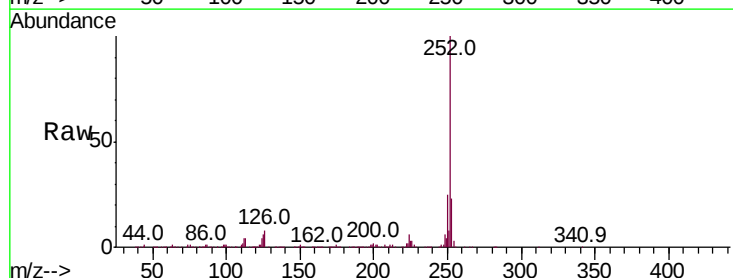
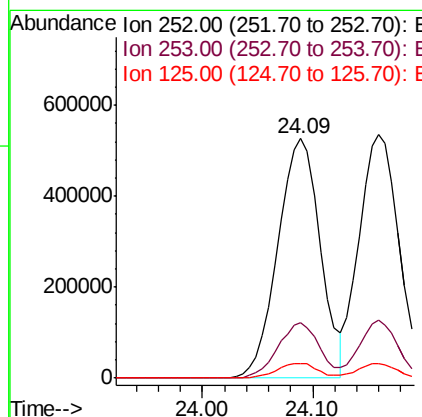
Manual Integrations
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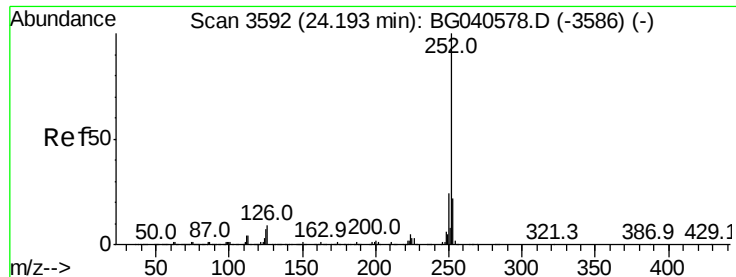
Sohil
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#88
Benzo(b)fluoranthene
Concen: 48.405 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG040721.D
Acq: 3 May 2019 00:04

Tgt Ion:	252	Resp:	1396409
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	6.0	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 49.721 ng

RT: 24.16 min Scan# 3586

Delta R.T. -0.03 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Instrument :

BNA_G

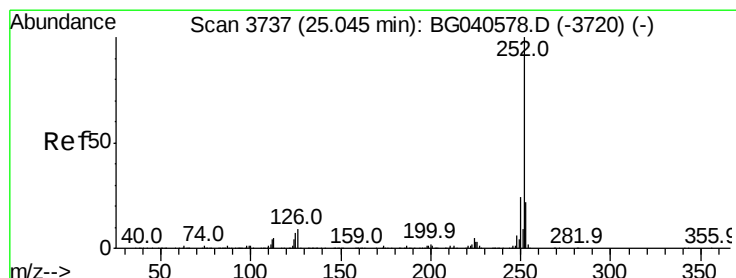
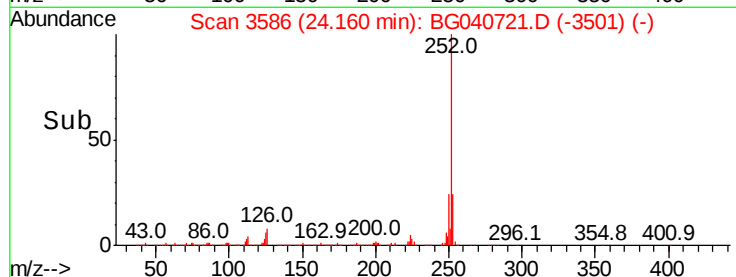
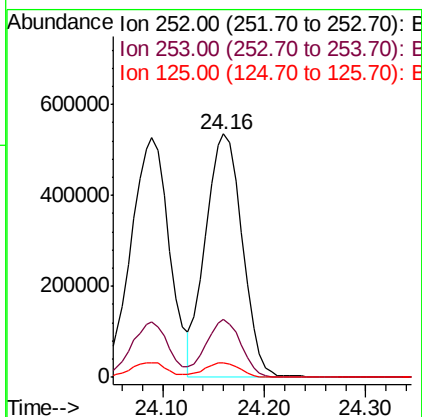
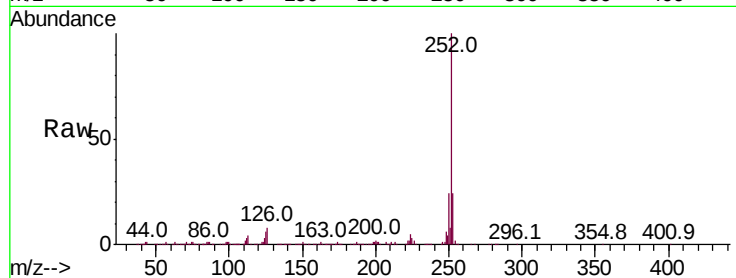
ClientSampleId :

PB119404BS

Tot Ion:	252	Resp:	1339560
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	6.0	5.5	8.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 49.619 ng

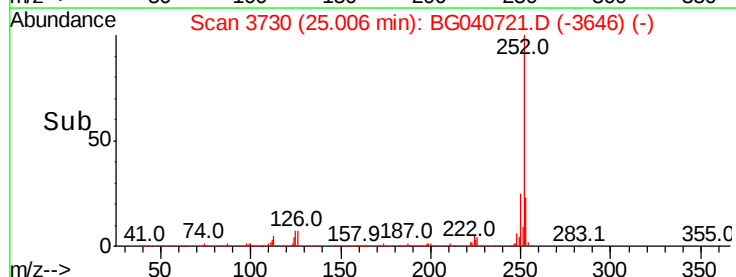
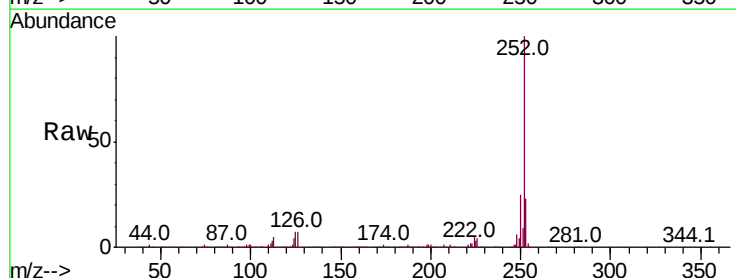
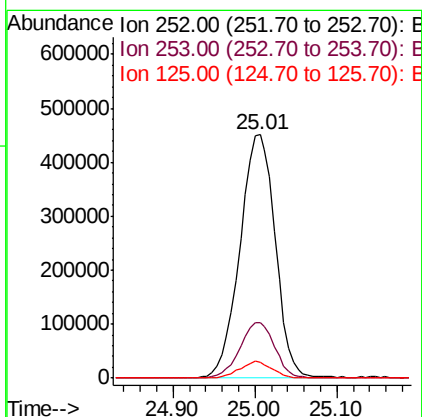
RT: 25.01 min Scan# 3730

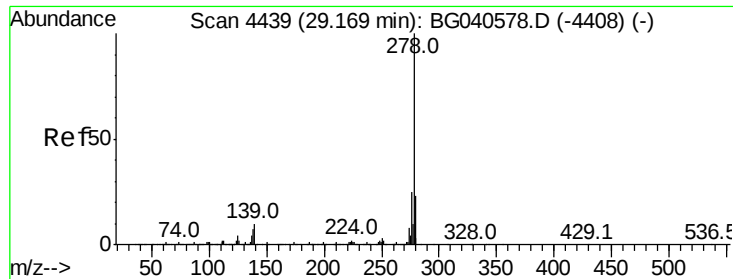
Delta R.T. -0.04 min

Lab File: BG040721.D

Acq: 3 May 2019 00:04

Tgt Ion:	252	Resp:	1354946
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	6.7	5.7	8.5





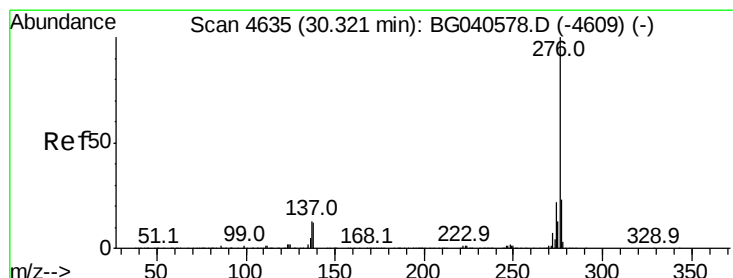
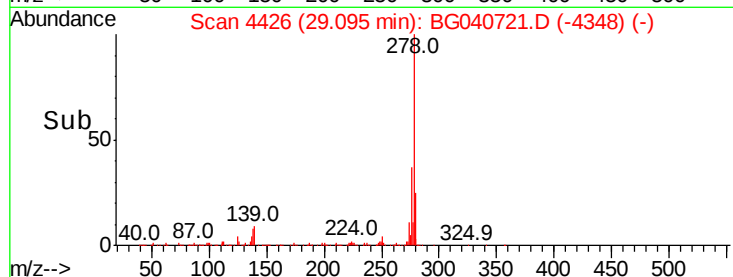
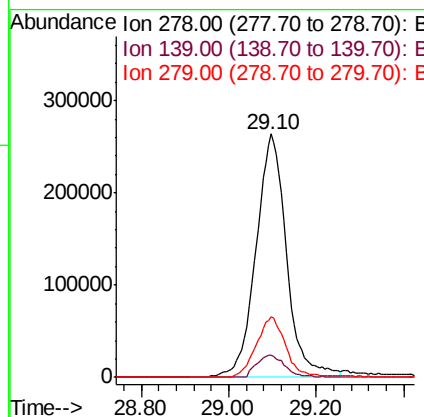
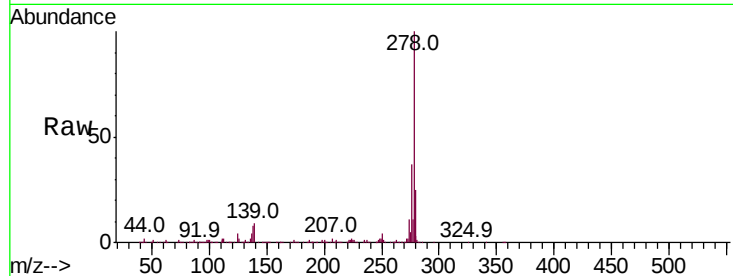
#91
 Dibenzo(a,h)anthracene
 Concen: 45.653 ng
 RT: 29.10 min Scan# 4426
 Delta R.T. -0.07 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PB119404BS

Tot	Ion:278	Resp:	1261566
Ion	Ratio	Lower	Upper
278	100		
139	9.2	8.2	12.4
279	25.0	18.5	27.7

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:29:25 PM



#92
 Benzo(g,h,i)perylene
 Concen: 45.737 ng
 RT: 30.25 min Scan# 4622
 Delta R.T. -0.07 min
 Lab File: BG040721.D
 Acq: 3 May 2019 00:04

Tgt	Ion:276	Resp: 1257890	
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.4	27.6
138	10.8	9.8	14.6

