

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
 Data File : BG041592.D
 Acq On : 3 Jul 2019 16:32
 Operator : HP/JU
 Sample : PB121160BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Manual Integrations
 APPROVED

mohammad
 7/5/2019 8:42:57 AM

Quant Time: Jul 04 00:53:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25859	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	93834	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66819	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	194607	20.00	ng	0.00
76) Chrysene-d12	21.70	240	221519	20.00	ng	0.00
87) Perylene-d12	24.98	264	222624	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	209419	144.38	ng	0.00
7) Phenol-d6	7.19	99	294494	144.23	ng	0.00
23) Nitrobenzene-d5	9.21	82	201858	89.72	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	181201	158.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	491755	94.44	ng	0.00
79) Terphenyl-d14	20.03	244	1093177	104.87	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.40	88	22203	33.817 ng	93
3) Pyridine	3.82	79	55747	33.465 ng	93
4) n-Nitrosodimethylamine	3.74	42	42514	45.862 ng	97
6) Aniline	7.35	93	70180	26.665 ng	97
8) 2-Chlorophenol	7.59	128	80054	49.214 ng	98
9) Benzaldehyde	7.18	77	12615	10.230 ng	87
10) Phenol	7.22	94	100084	48.636 ng	97
11) bis(2-Chloroethyl)ether	7.45	93	67401	41.301 ng	95
12) 1,3-Dichlorobenzene	7.91	146	86630	41.169 ng	98
13) 1,4-Dichlorobenzene	8.06	146	89467	42.176 ng	98
14) 1,2-Dichlorobenzene	8.38	146	85358	42.027 ng	96
15) Benzyl Alcohol	8.28	79	78763	48.438 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	83421	36.401 ng	96
17) 2-Methylphenol	8.48	107	71593	47.794 ng	96
18) Hexachloroethane	9.10	117	35041	41.865 ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	62343	40.934 ng	99
20) 3+4-Methylphenols	8.80	107	94264	47.214 ng	96
22) Acetophenone	8.86	105	127090	45.153 ng	# 97
24) Nitrobenzene	9.26	77	101803	45.080 ng	98
25) Isophorone	9.76	82	179543	44.449 ng	98
26) 2-Nitrophenol	9.96	139	43892	46.539 ng	95
27) 2,4-Dimethylphenol	10.02	122	72883	55.526 ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	89048	41.690 ng	96
29) 2,4-Dichlorophenol	10.50	162	92769	52.325 ng	97
30) 1,2,4-Trichlorobenzene	10.71	180	103167	45.400 ng	95
31) Naphthalene	10.90	128	240697	46.384 ng	97
32) Benzoic acid	10.19	122	34467	45.881 ng	95
33) 4-Chloroaniline	11.03	127	51883	23.751 ng	97
34) Hexachlorobutadiene	11.16	225	79839	44.262 ng	96
35) Caprolactam	11.82	113	27767m	50.158 ng	
36) 4-Chloro-3-methylphenol	12.14	107	93657	48.755 ng	93
37) 2-Methylnaphthalene	12.51	142	180542	47.093 ng	99
38) 1-Methylnaphthalene	12.72	142	172762	47.235 ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	140460	47.739 ng	99

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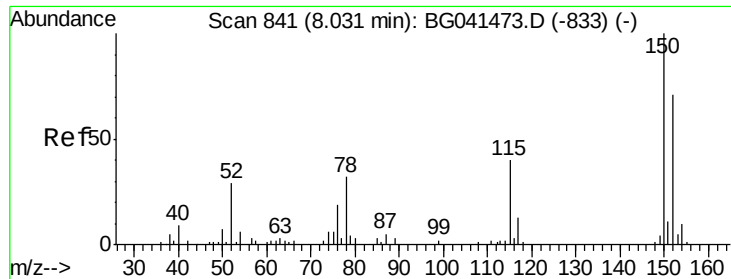
Manual Integrations
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 7/5/2019 8:42:57 AM

Quant Time: Jul 04 00:53:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	147325	91.728	nq	96
43) 2,4,6-Trichlorophenol	13.11	196	85463	48.957	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	87674	50.413	nq	95
46) 1,1'-Biphenyl	13.51	154	248576	47.127	nq	98
47) 2-Chloronaphthalene	13.56	162	206538	45.609	nq	99
48) 2-Nitroaniline	13.78	65	67505	43.975	nq	92
49) Acenaphthylene	14.40	152	326577	48.249	nq	99
50) Dimethylphthalate	14.13	163	286381	47.097	nq	98
51) 2,6-Dinitrotoluene	14.26	165	61829	47.914	nq	94
52) Acenaphthene	14.74	154	189328	47.169	nq	96
53) 3-Nitroaniline	14.60	138	35888	29.132	nq	93
54) 2,4-Dinitrophenol	14.82	184	80521	92.742	nq	95
55) Dibenzofuran	15.07	168	339711	48.616	nq	98
56) 4-Nitrophenol	14.92	139	87420	109.960	nq	97
57) 2,4-Dinitrotoluene	15.05	165	94048	50.239	nq	98
58) Fluorene	15.72	166	276457	49.731	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	100003	54.545	nq	99
60) Diethylphthalate	15.48	149	298636	47.980	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	180363	50.301	nq	99
62) 4-Nitroaniline	15.77	138	57680	48.042	nq	97
63) Azobenzene	16.00	77	253148	48.239	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	56450	46.836	nq	99
66) n-Nitrosodiphenylamine	15.93	169	252705	47.182	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	122280	45.981	nq	99
68) Hexachlorobenzene	16.72	284	130520	45.552	nq	98
69) Atrazine	16.87	200	113743	50.170	nq	98
70) Pentachlorophenol	17.07	266	137875	106.196	nq	94
71) Phenanthrene	17.47	178	511785	47.732	nq	99
72) Anthracene	17.56	178	522977	48.748	nq	100
73) Carbazole	17.84	167	457094	50.120	nq	98
74) Di-n-butylphthalate	18.36	149	544997	47.546	nq	100
75) Fluoranthene	19.47	202	719638	50.341	nq	98
77) Benzidine	19.66	184	162257	33.012	nq	98
78) Pyrene	19.84	202	724008	47.877	nq	99
80) Butylbenzylphthalate	20.70	149	252353	44.682	nq	97
81) Benzo(a)anthracene	21.68	228	721282	46.835	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	180377	33.823	nq	100
83) Chrysene	21.75	228	711722	47.744	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	357372	44.634	nq	99
85) Di-n-octyl phthalate	22.77	149	621076	45.838	nq	98
86) Indeno(1,2,3-cd)pyrene	28.76	276	881787	48.850	nq	# 96
88) Benzo(b)fluoranthene	23.93	252	742973	52.324	nq	100
89) Benzo(k)fluoranthene	24.00	252	737274	52.886	nq	98
90) Benzo(a)pyrene	24.83	252	734581	54.470	nq	98
91) Dibenzo(a,h)anthracene	28.83	278	736677	54.525	nq	99
92) Benzo(g,h,i)perylene	29.96	276	741374	55.189	nq	98

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



#1

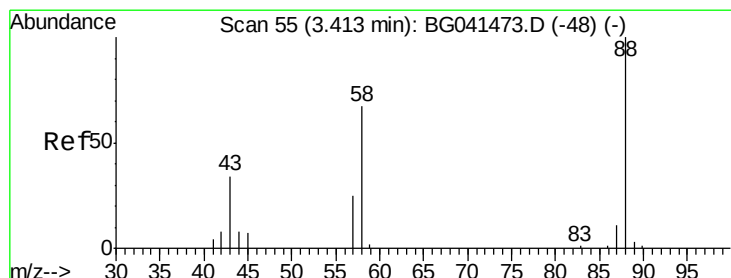
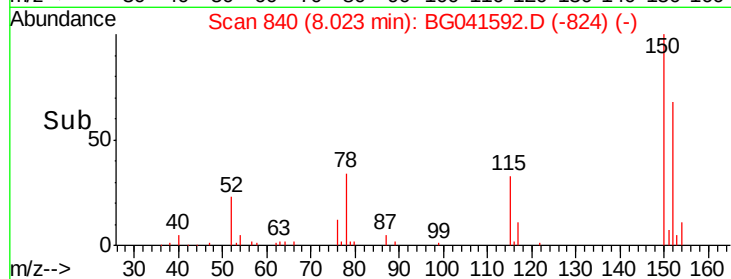
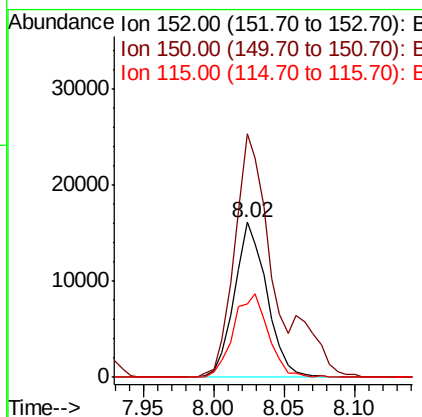
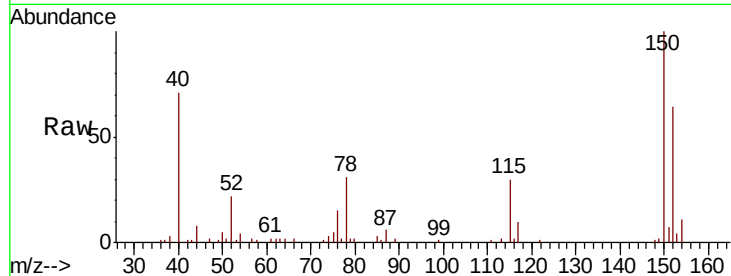
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	112.4	168.6
115	47.8	44.6	66.8

Manual Integrations
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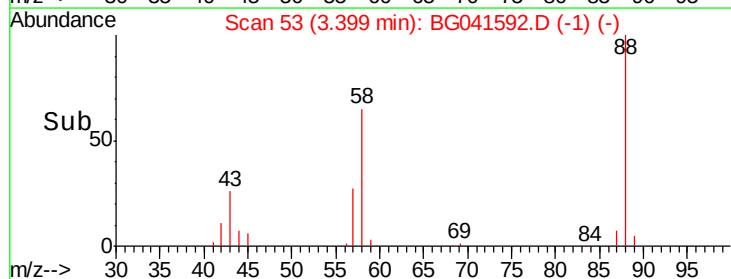
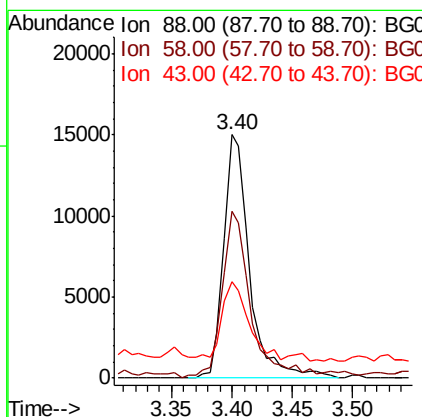
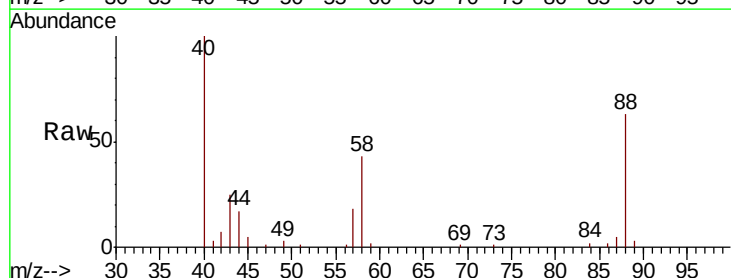
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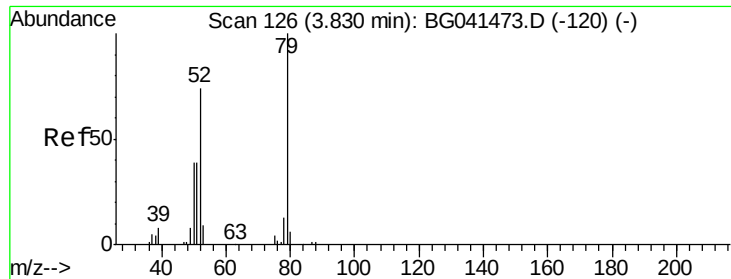


#2

1,4-Dioxane
Concen: 33.817 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.5	55.8	83.8
43	32.5	27.8	41.8





#3

Pvridine

Concen: 33.465 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

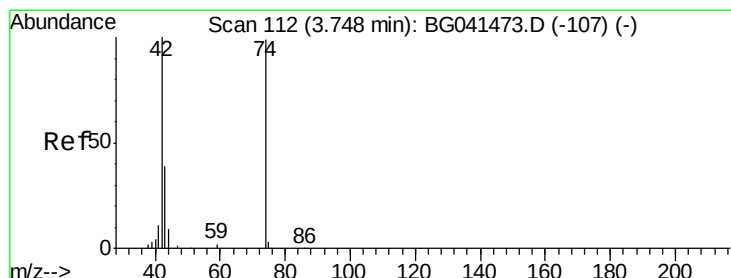
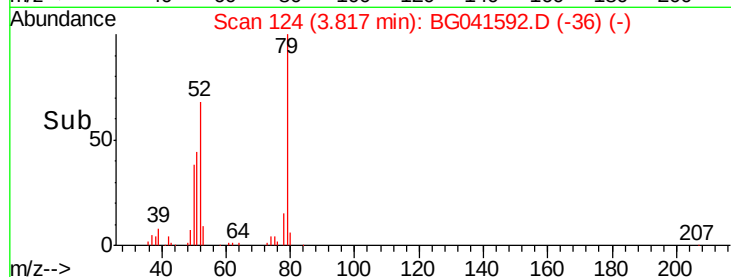
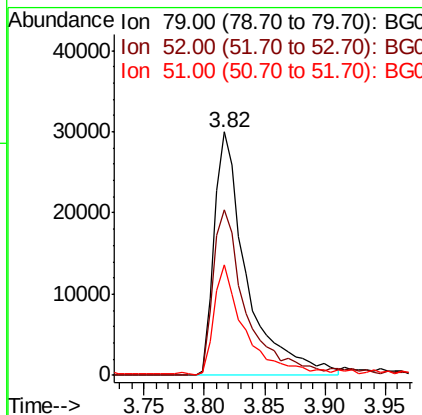
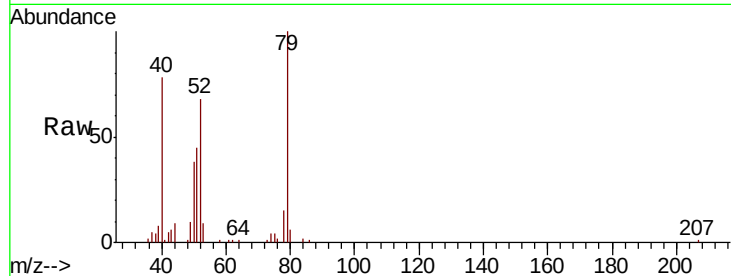
ClientSampleId :

PB121160BS

Tot Ion:	79	Resp:	55747
Ion	Ratio	Lower	Upper
79	100		
52	68.1	59.4	89.0
51	45.2	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 45.862 ng

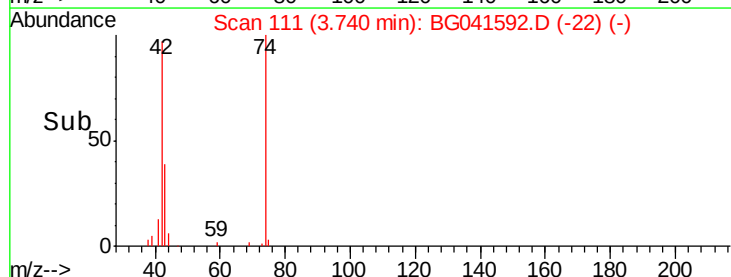
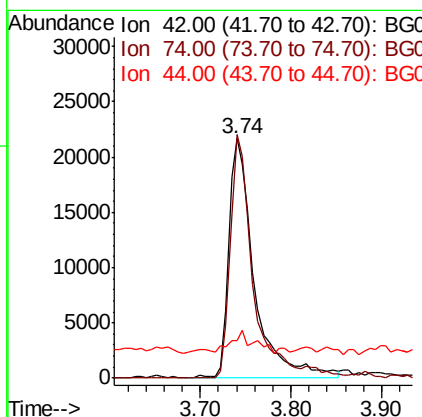
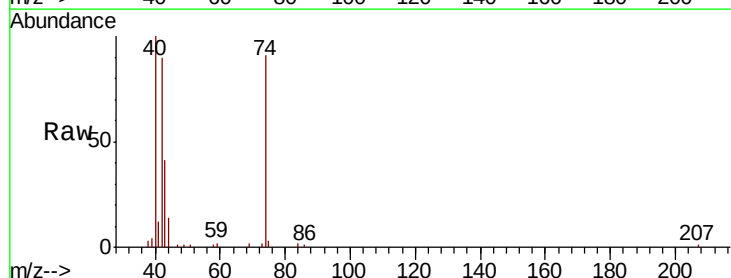
RT: 3.74 min Scan# 111

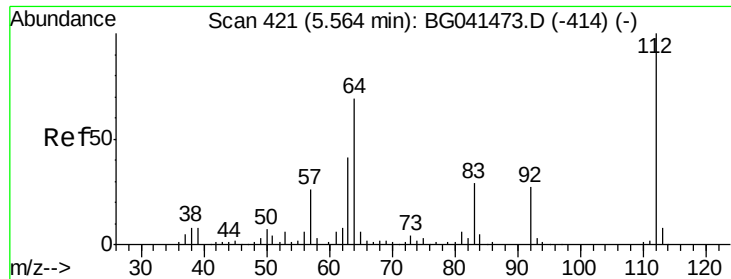
Delta R.T. -0.01 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion:	42	Resp:	42514
Ion	Ratio	Lower	Upper
42	100		
74	101.8	79.5	119.3
44	15.8	14.2	21.2





#5

2-Fluorophenol

Concen: 144.384 ng

RT: 5.57 min Scan# 422

Delta R.T. 0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

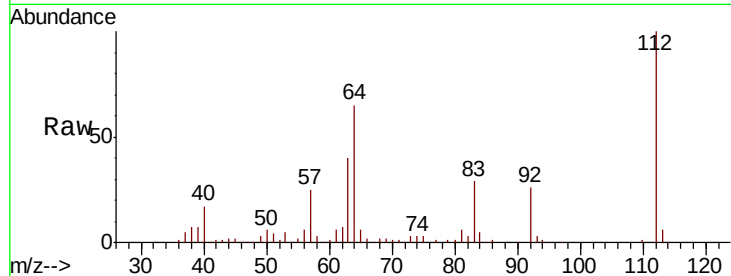
ClientSampleId :

PB121160BS

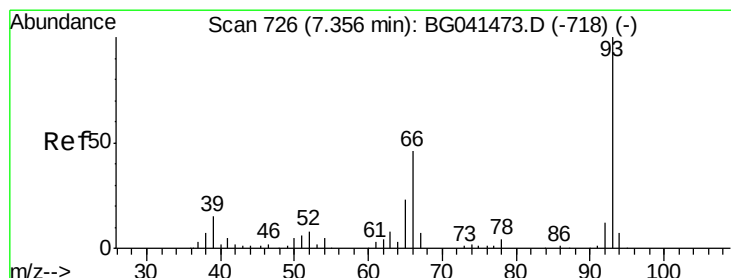
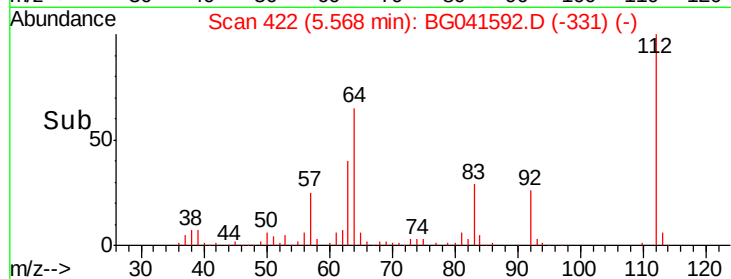
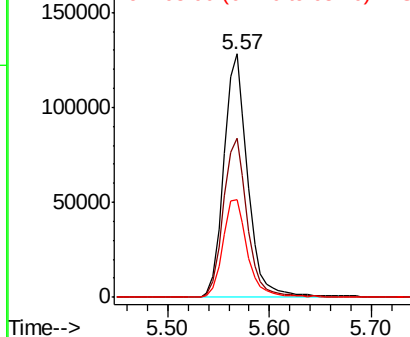
Tot Ion:	112	Resp:	209419
Ion Ratio	Lower	Upper	
112	100		
64	65.2	55.1	82.7
63	40.3	32.4	48.6

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



#6

Aniline

Concen: 26.665 ng

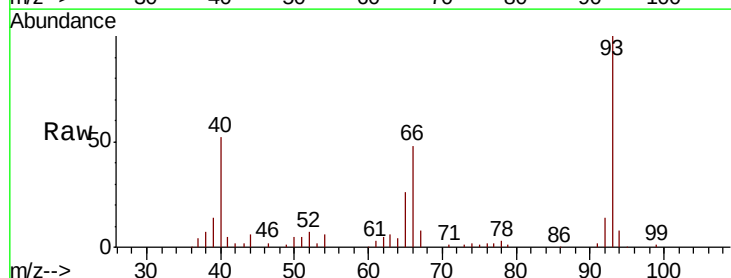
RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

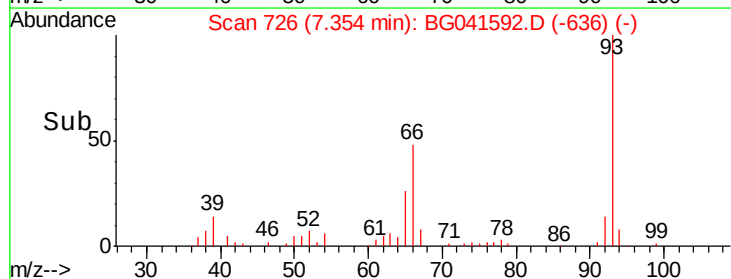
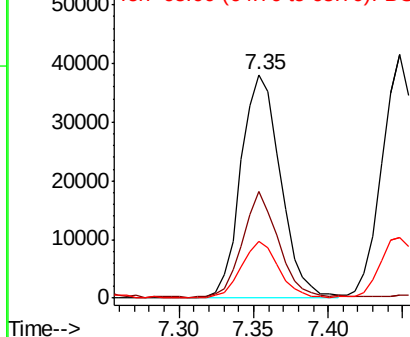
Lab File: BG041592.D

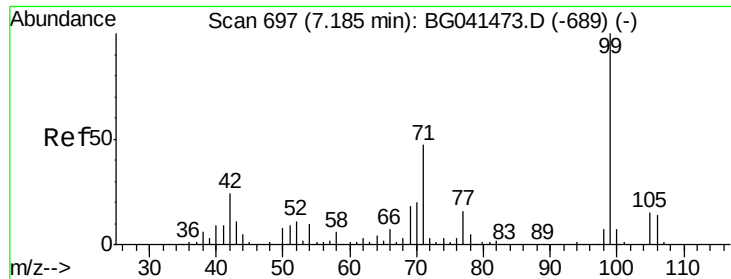
Acq: 3 Jul 2019 16:32

Tgt Ion:	93	Resp:	70180
Ion Ratio	Lower	Upper	
93	100		
66	47.6	37.4	56.0
65	25.6	18.6	27.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.231 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

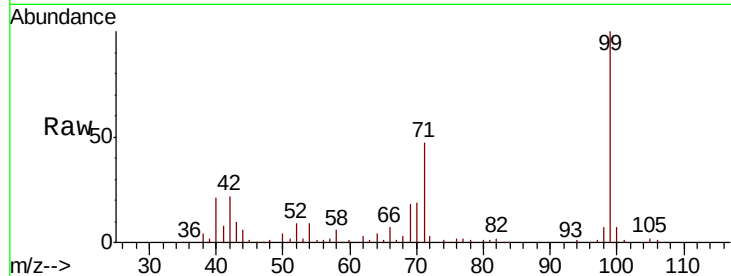
ClientSampleId :

PB121160BS

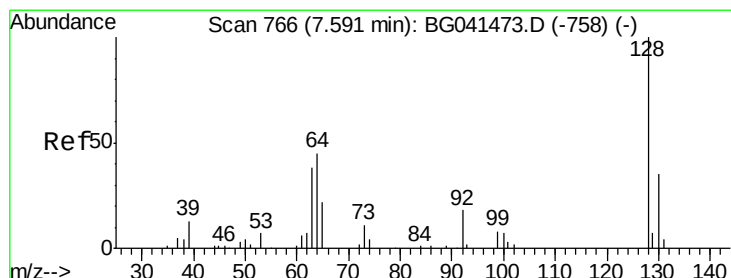
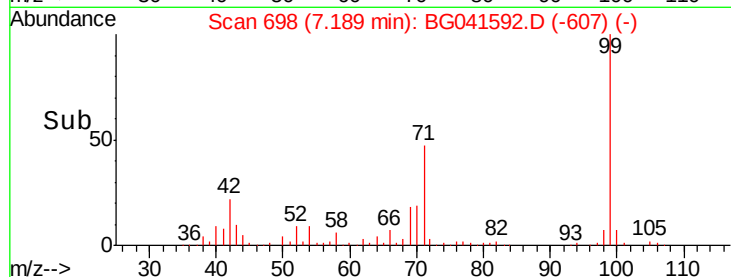
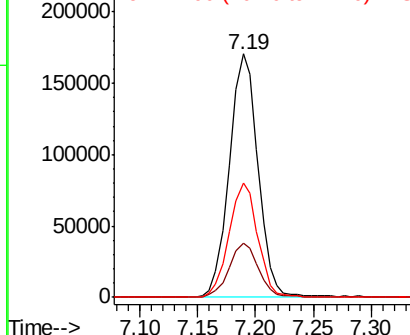
Tot Ion:	99	Resp:	294494
Ion Ratio	Lower	Upper	
99	100		
42	22.3	19.0	28.6
71	46.7	37.4	56.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.214 ng

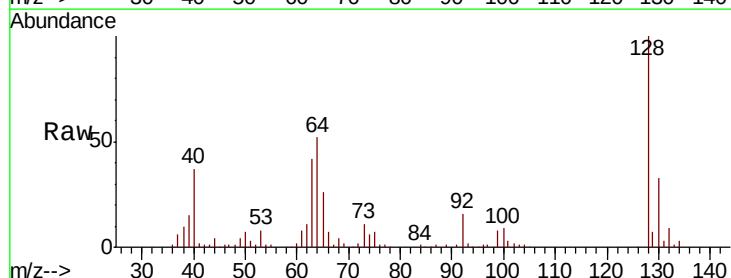
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

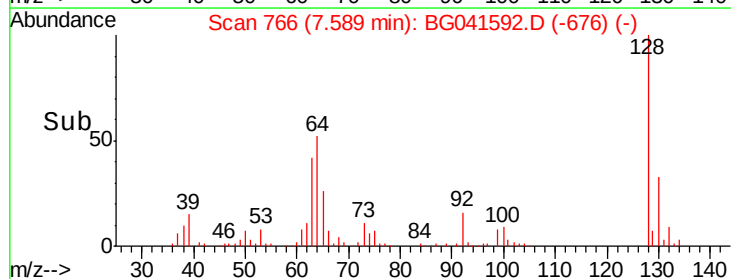
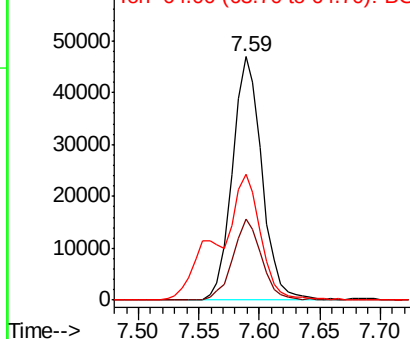
Lab File: BG041592.D

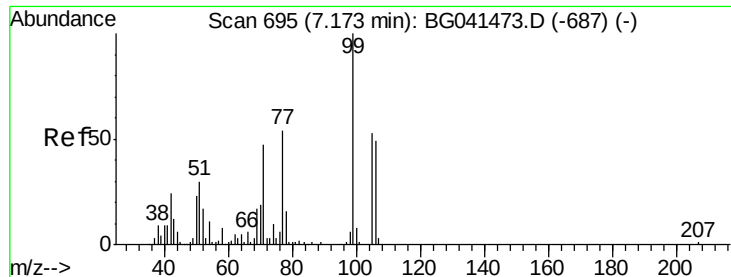
Acq: 3 Jul 2019 16:32

Tgt Ion:	128	Resp:	80054
Ion Ratio	Lower	Upper	
128	100		
130	33.5	15.0	55.0
64	51.8	33.3	73.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.230 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

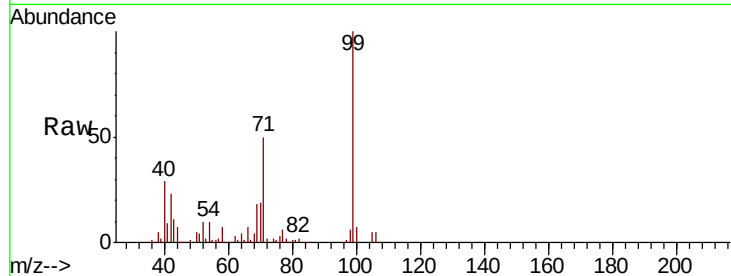
ClientSampleId :

PB121160BS

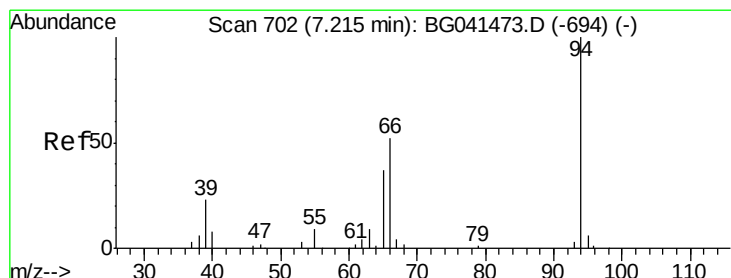
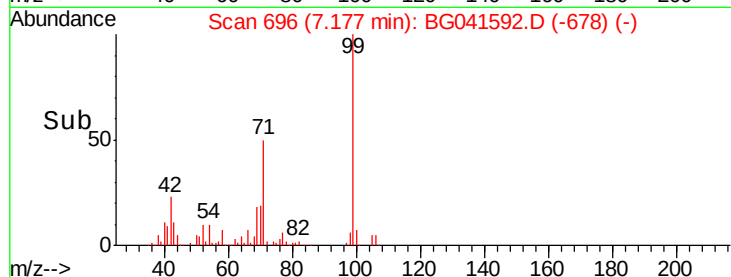
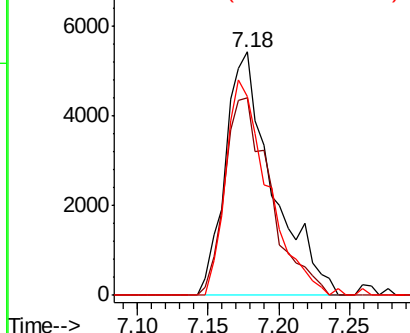
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	81.1	77.8	117.8		
106	81.6	70.1	110.1		

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



#10

Phenol

Concen: 48.636 ng

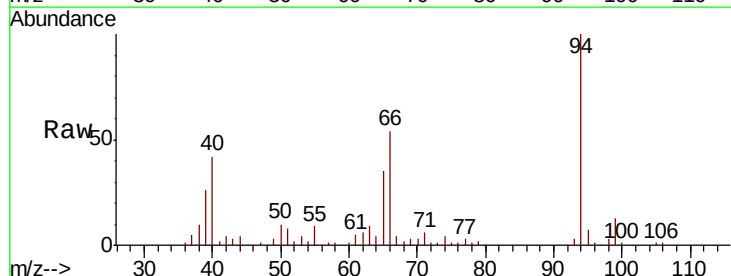
RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

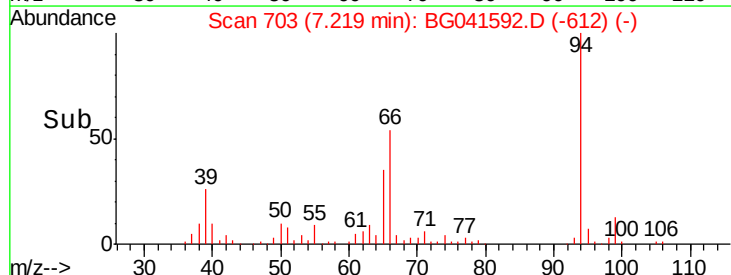
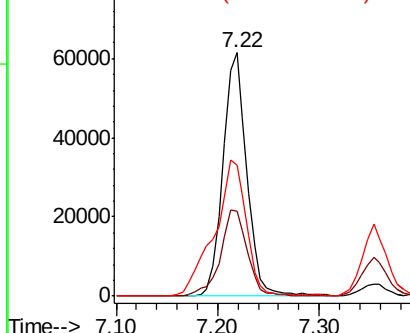
Lab File: BG041592.D

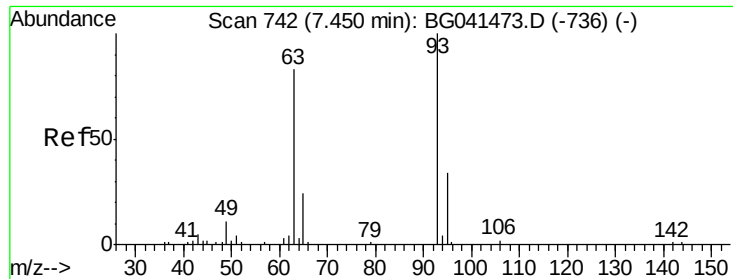
Acq: 3 Jul 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.0	17.9	57.9		
66	53.7	34.4	74.4		



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





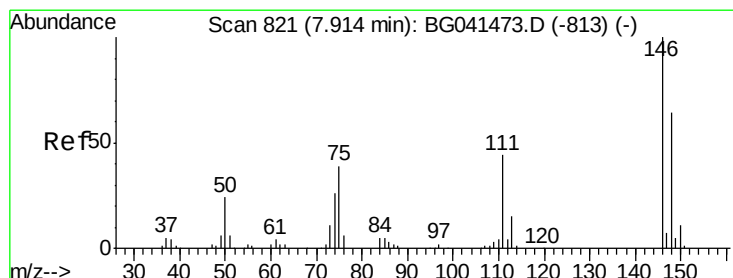
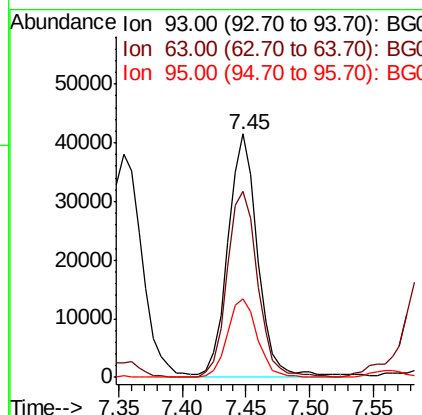
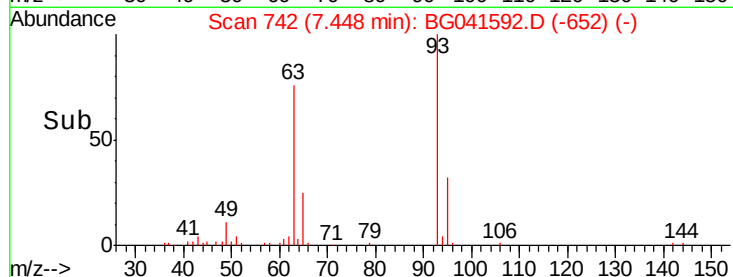
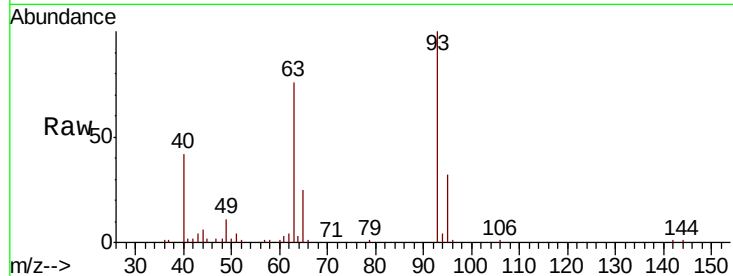
#11
bis(2-Chloroethyl)ether
Concen: 41.301 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampled :
PB121160BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	62.0	102.0
95	32.0	13.0	53.0

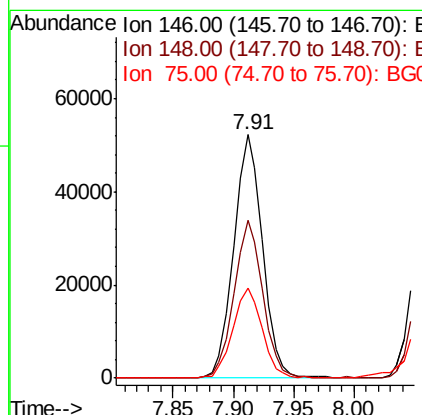
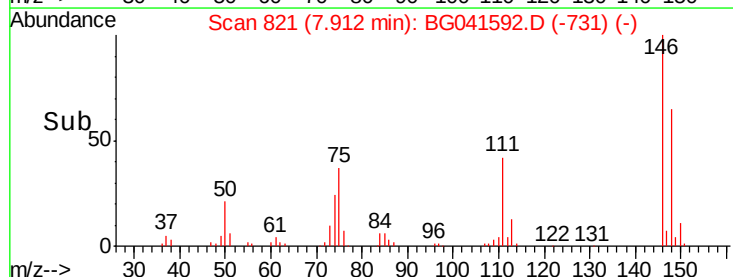
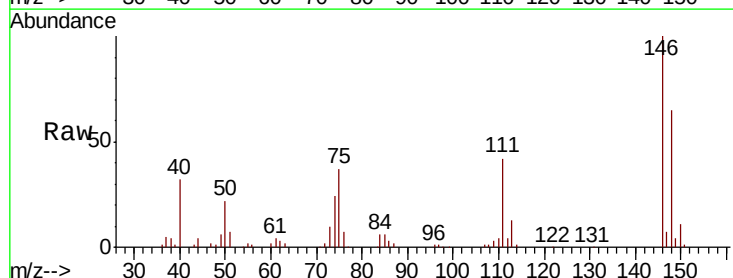
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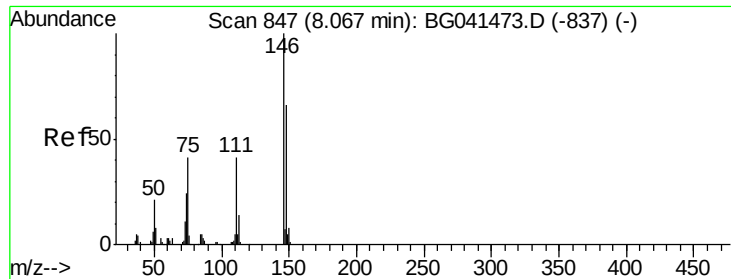
mohammad
7/5/2019 8:42:57 AM



#12
1,3-Dichlorobenzene
Concen: 41.169 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.1	76.7
75	36.7	31.0	46.6





#13

1,4-Dichlorobenzene

Concen: 42.176 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG041592.D

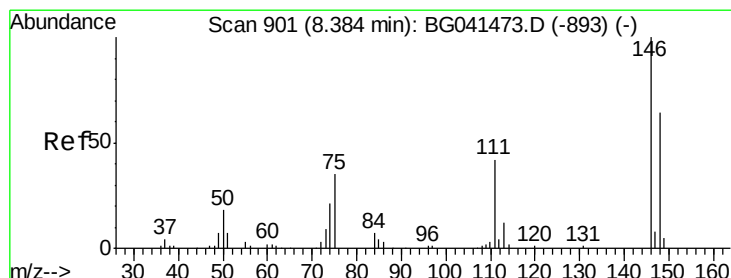
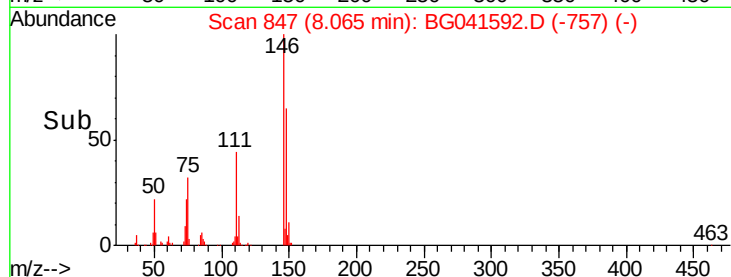
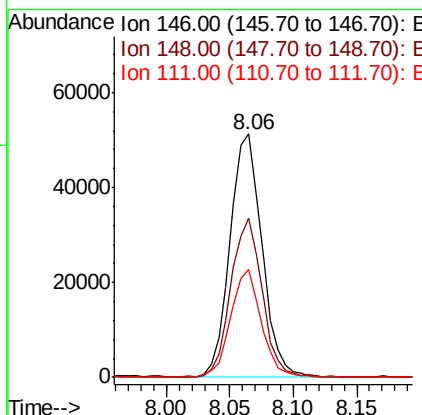
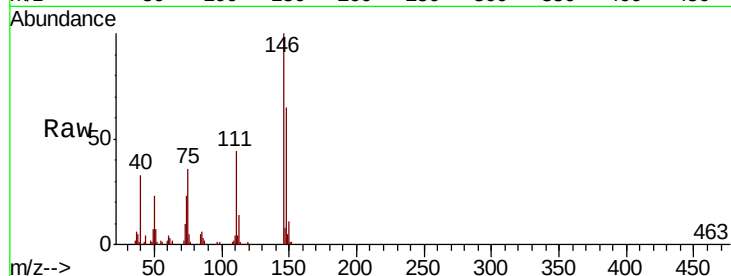
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.8	79.2
111	44.3	33.1	49.7

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 42.027 ng

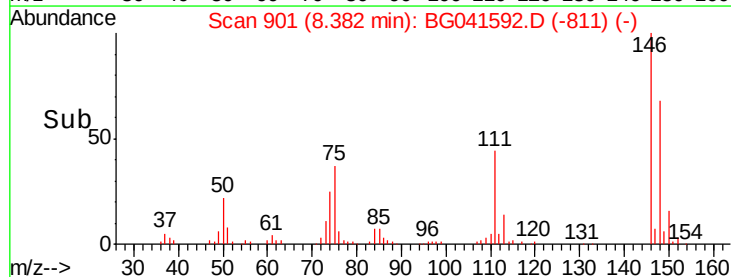
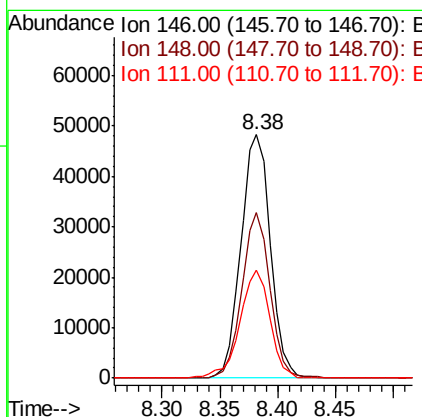
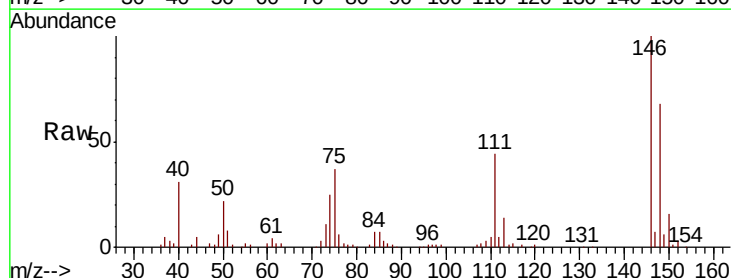
RT: 8.38 min Scan# 901

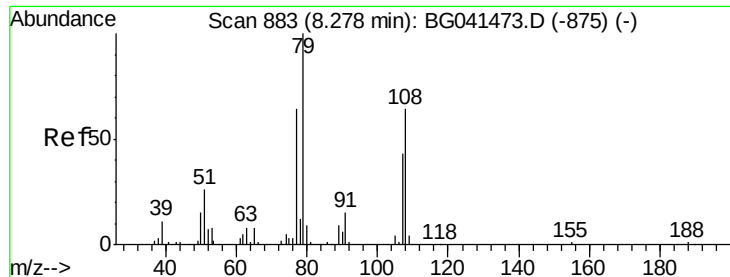
Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.3	76.9
111	44.3	34.3	51.5





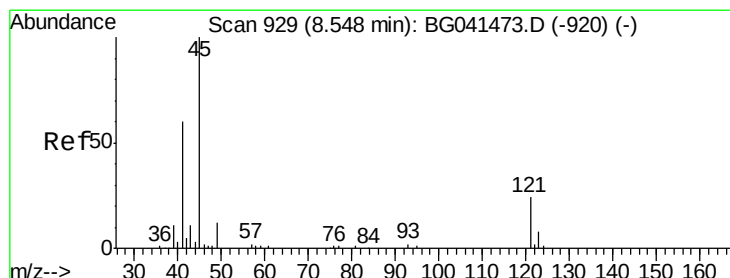
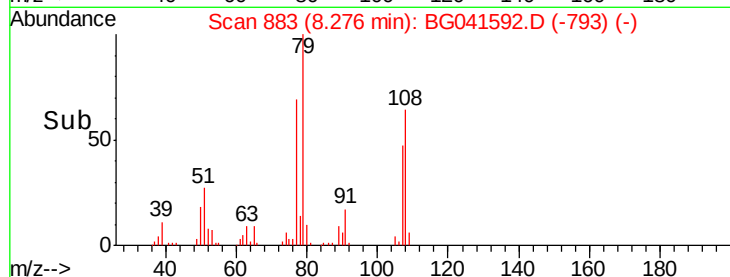
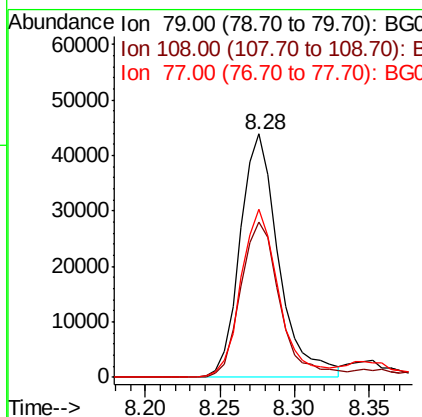
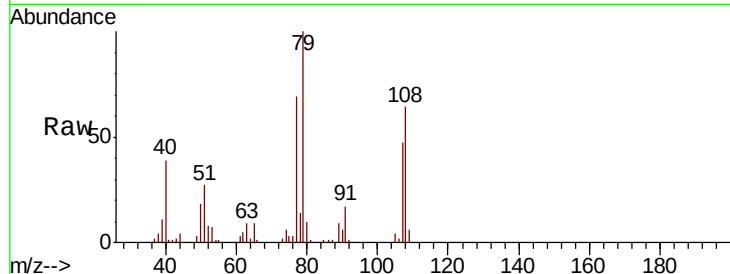
#15
Benzyl Alcohol
Concen: 48.438 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.0	51.4	77.0
77	68.9	50.8	76.2

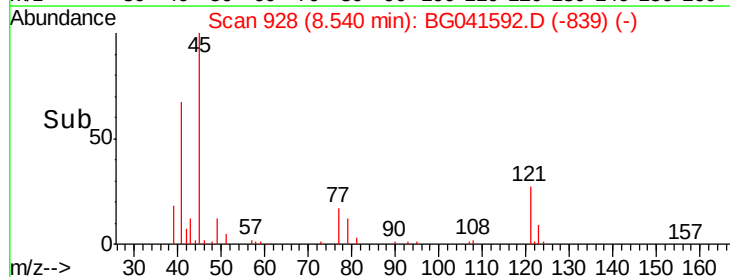
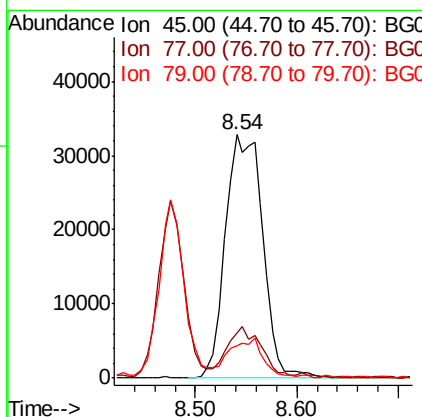
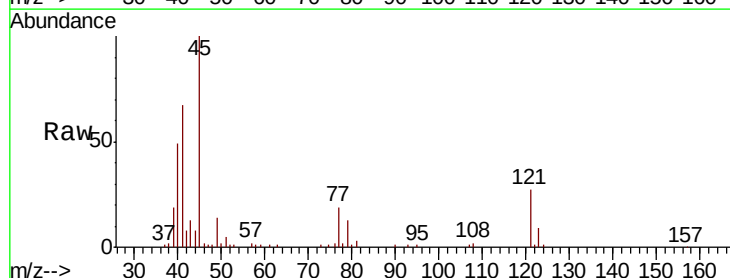
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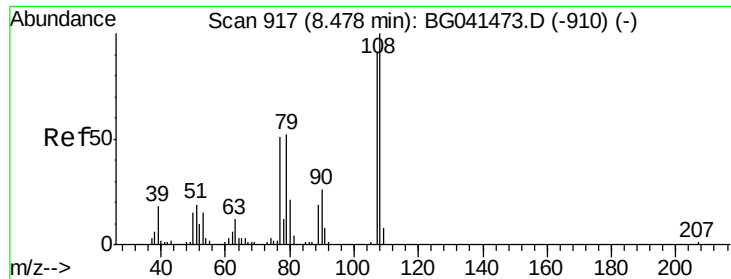
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.401 ng
RT: 8.54 min Scan# 928
Delta R.T. -0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	36.3
79	13.3	0.0	32.4





#17

2-Methylphenol

Concen: 47.794 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB121160BS

Tot Ion:107 Resp: 71593

Ion Ratio Lower Upper

107 100

108 103.5 88.0 132.0

77 57.8 45.3 67.9

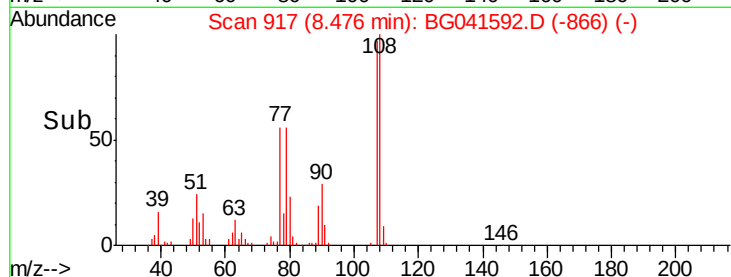
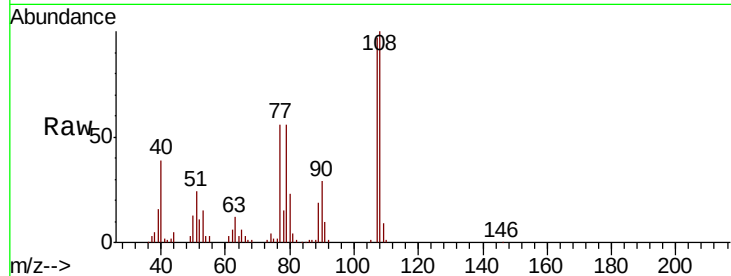
79 58.2 47.3 70.9

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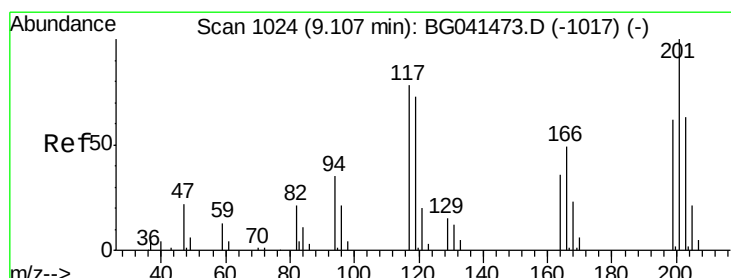
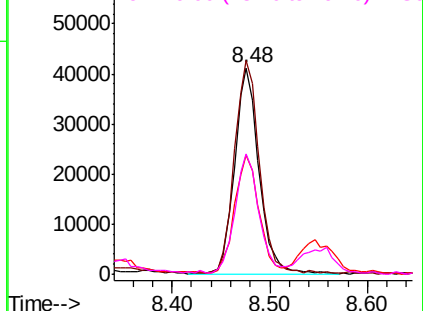
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.865 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

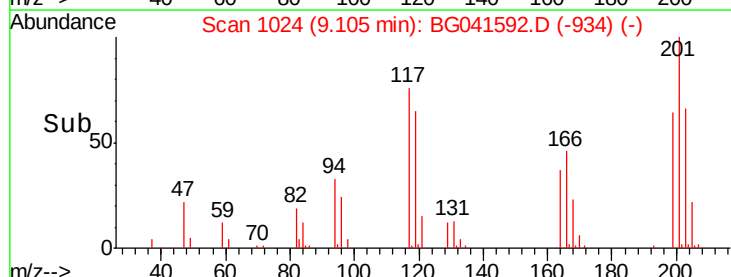
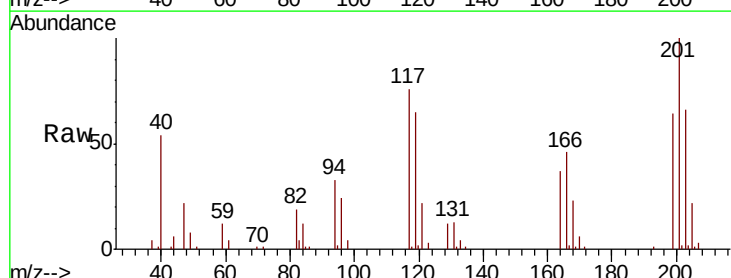
Tgt Ion:117 Resp: 35041

Ion Ratio Lower Upper

117 100

119 86.2 74.3 111.5

201 132.1 102.3 153.5

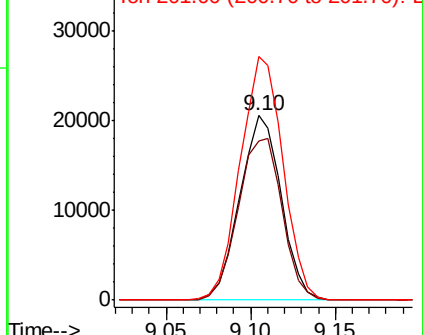


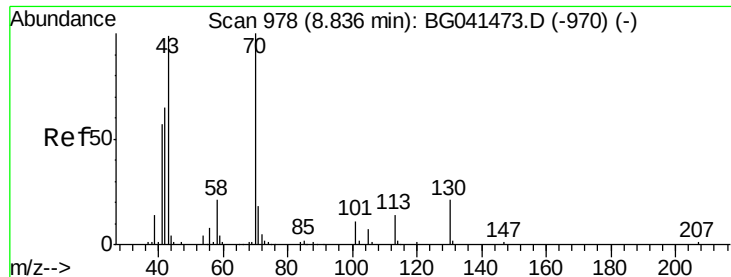
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





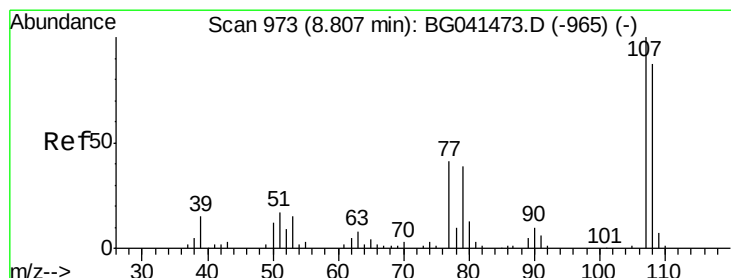
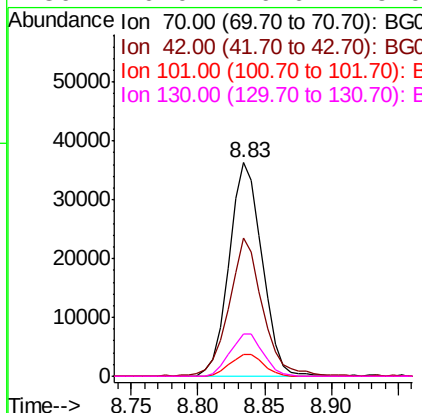
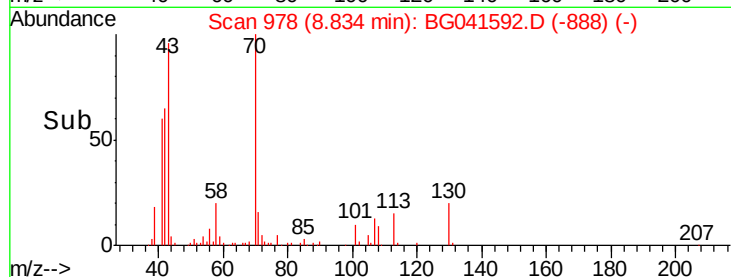
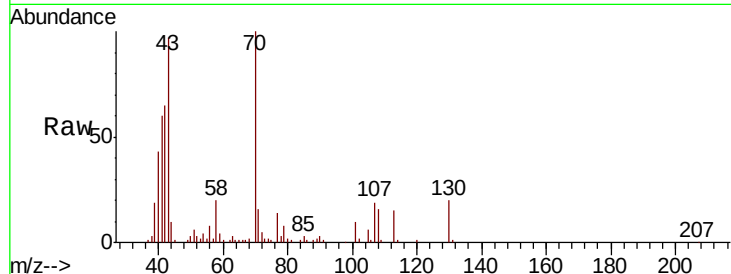
#19
n-Nitroso-di-n-propylamine
Concen: 40.934 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.8	52.6	78.8	
101	10.3	8.6	13.0	
130	20.0	16.6	25.0	

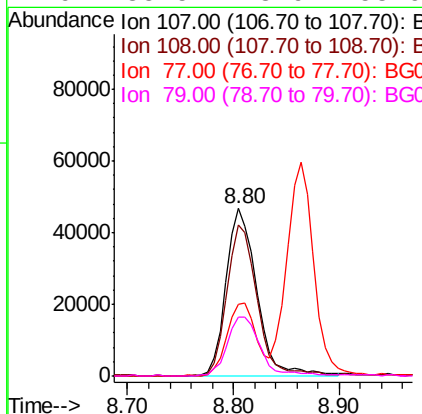
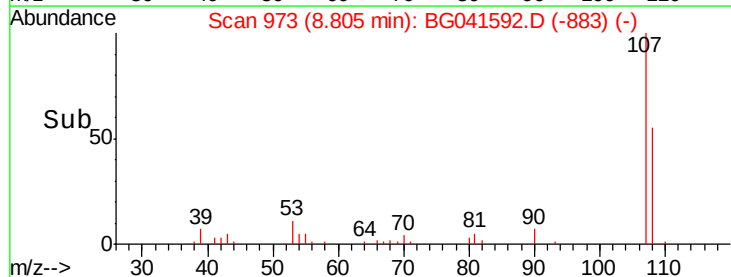
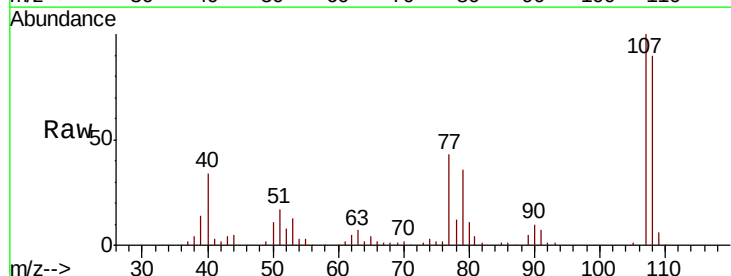
Manual Integrations
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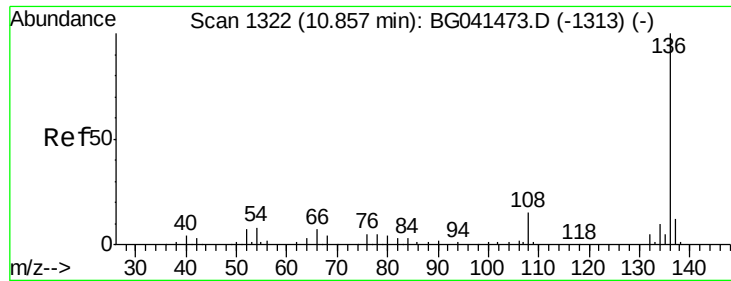
mohammad
7/5/2019 8:42:57 AM



#20
3+4-Methylphenols
Concen: 47.214 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	67.0	107.0	
77	42.8	20.6	60.6	
79	35.5	18.9	58.9	





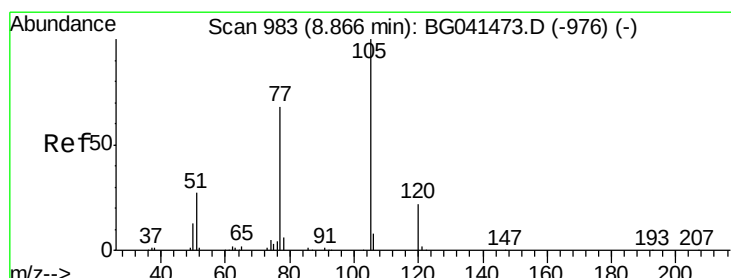
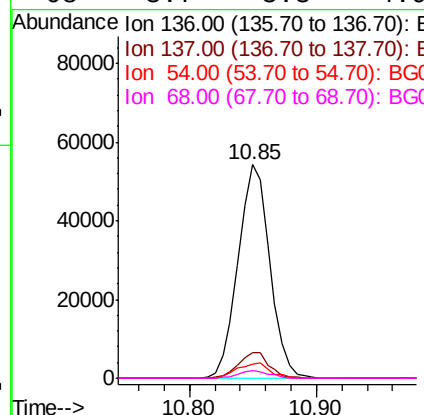
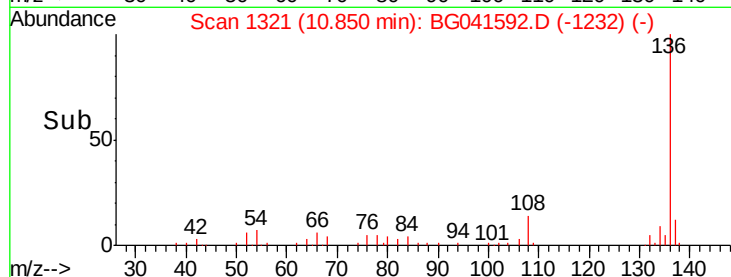
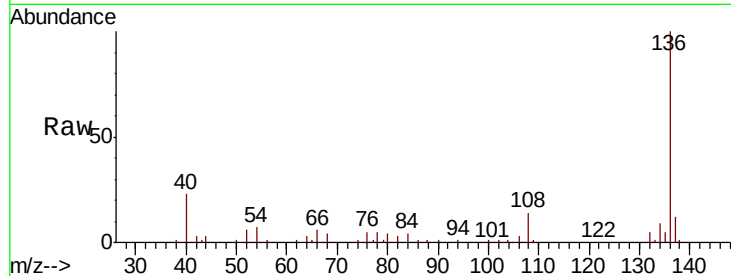
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		93834		
137	12.2	9.3	13.9		
54	7.2	7.1	10.7		
68	3.7	3.3	4.9		

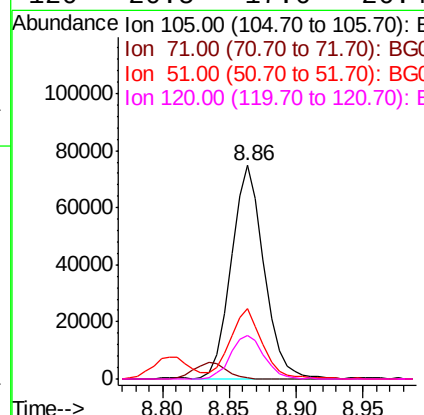
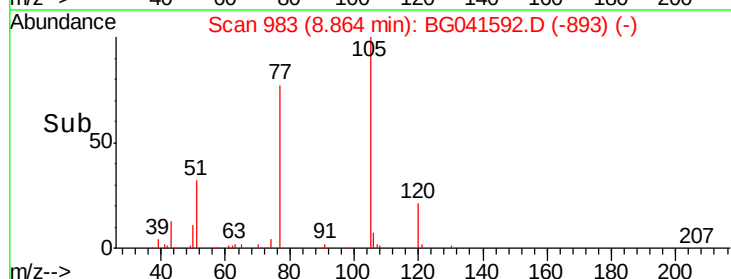
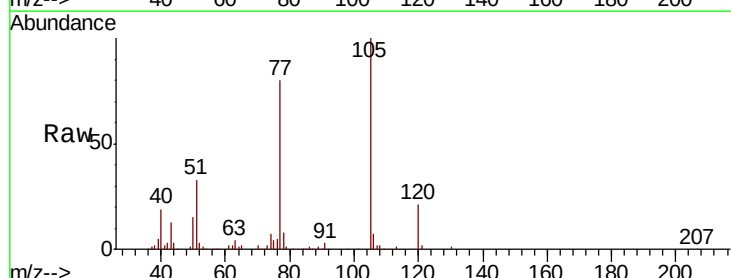
Manual Integrations
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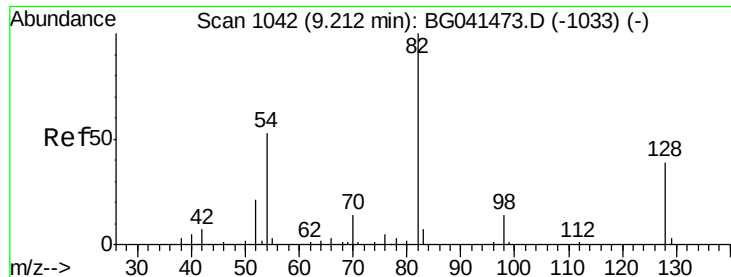
mohammad
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#22
Acetophenone
Concen: 45.153 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		127090		
71	0.4	0.5	0.7#		
51	32.9	25.0	37.6		
120	20.5	17.6	26.4		





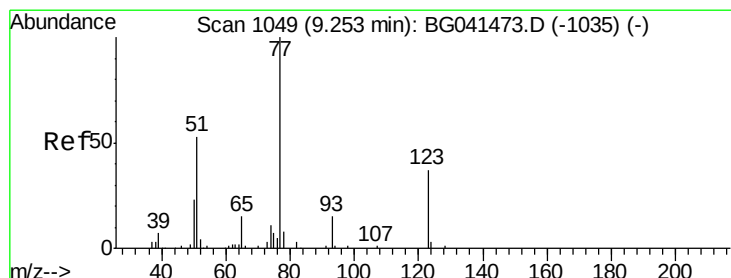
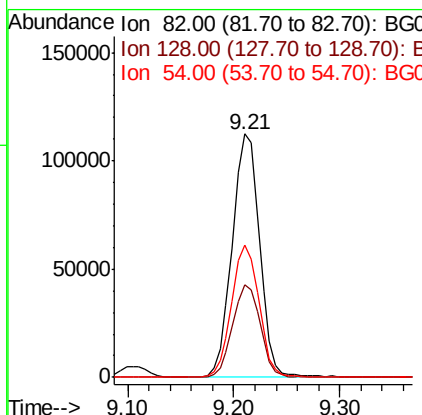
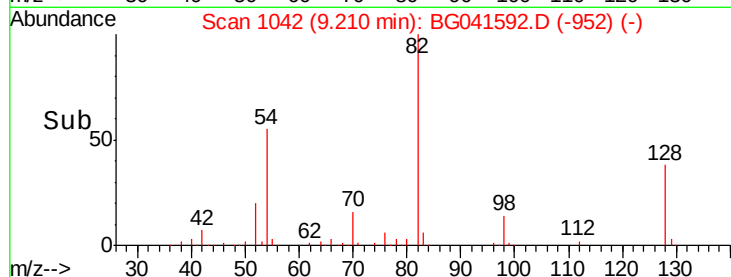
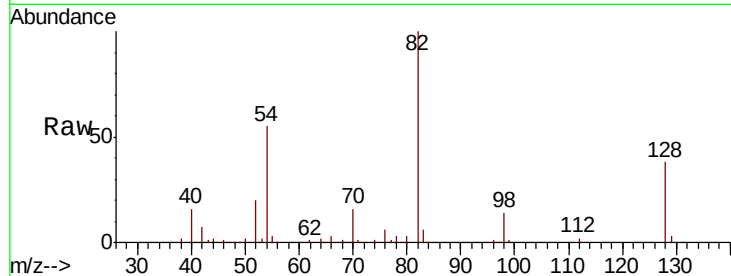
#23
Nitrobenzene-d5
Concen: 89.721 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.9	46.3
54	54.5	42.2	63.2

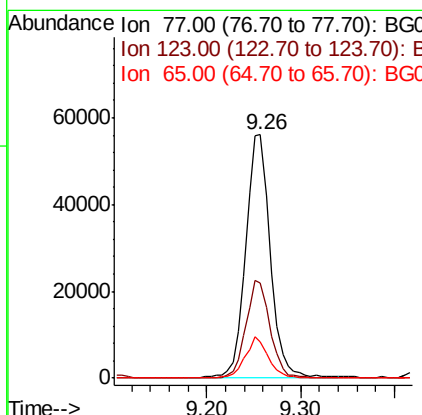
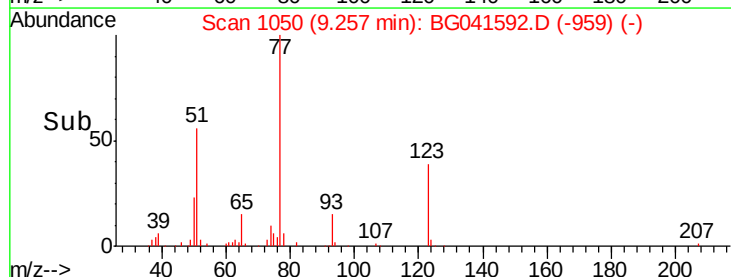
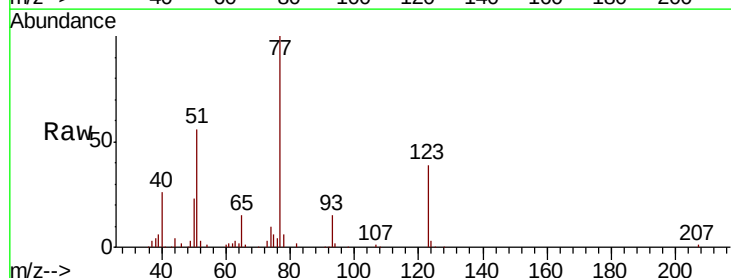
Manual Integrations
APPROVED

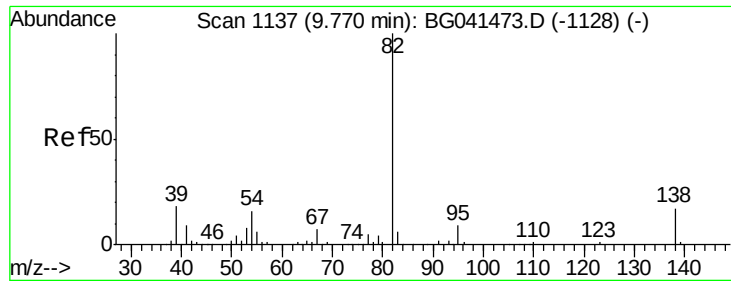
mohammad
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#24
Nitrobenzene
Concen: 45.080 ng
RT: 9.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	29.9	44.9
65	14.7	12.2	18.4





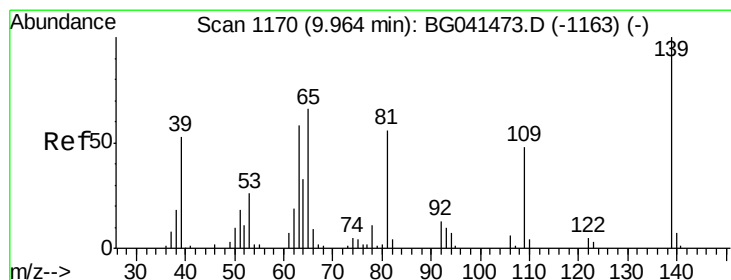
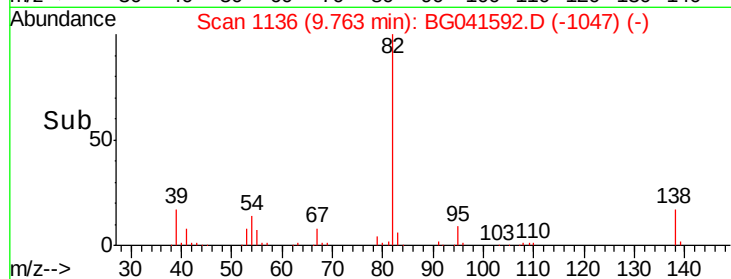
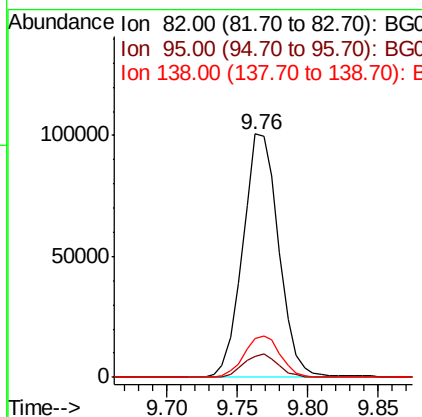
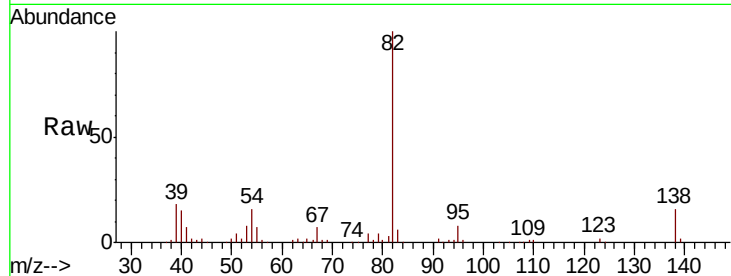
#25
Isophorone
Concen: 44.449 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	179543		
95	8.4	6.8	10.2	
138	15.8	13.7	20.5	

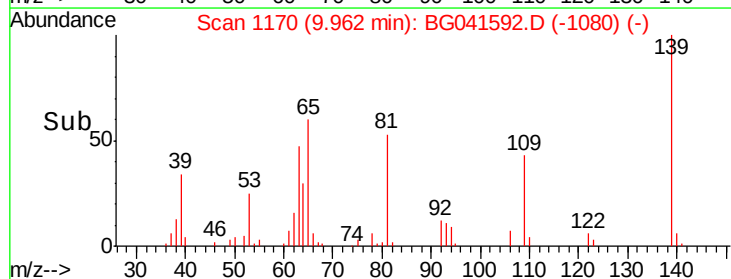
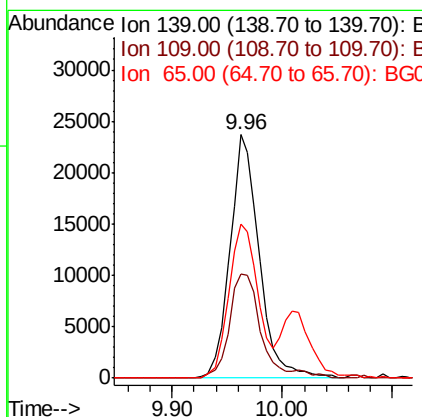
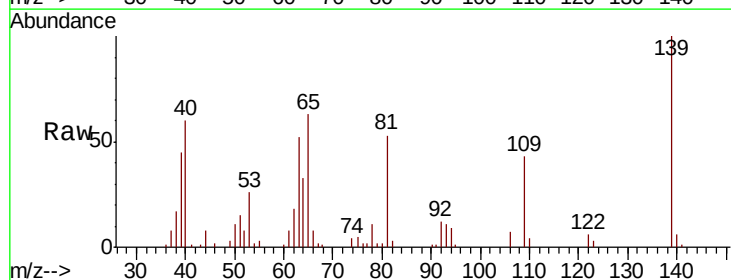
Manual Integrations
APPROVED

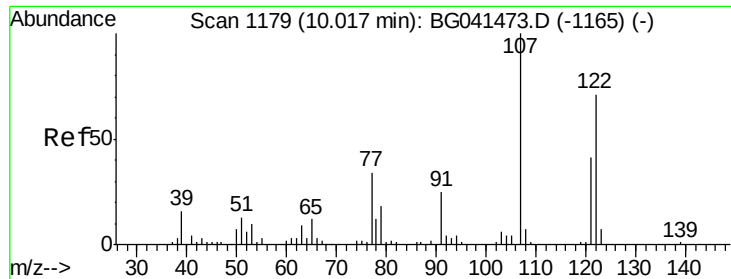
mohammad
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#26
2-Nitrophenol
Concen: 46.539 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	43892		
109	42.6	38.6	57.8	
65	63.0	52.6	78.8	





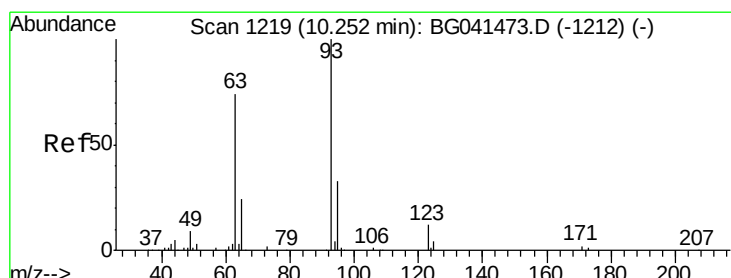
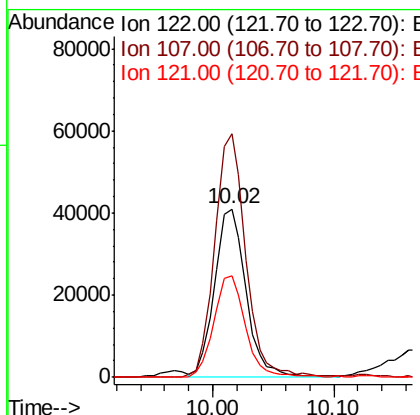
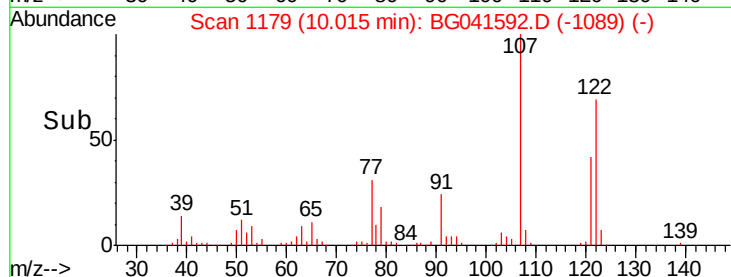
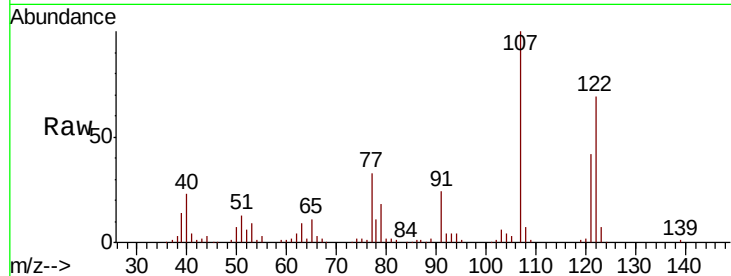
#27
2,4-Dimethylphenol
Concen: 55.526 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.7	112.9	169.3
121	60.4	46.1	69.1

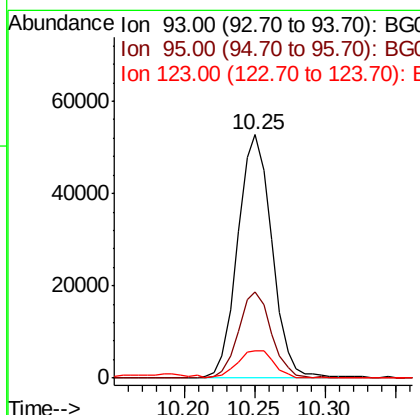
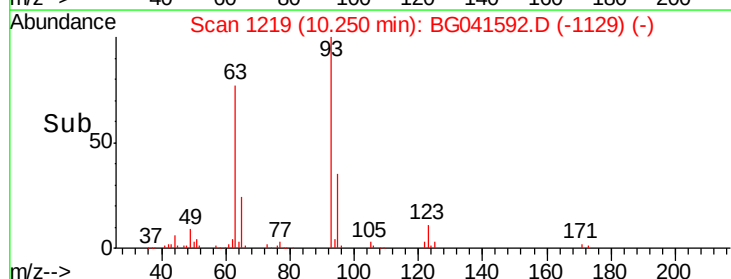
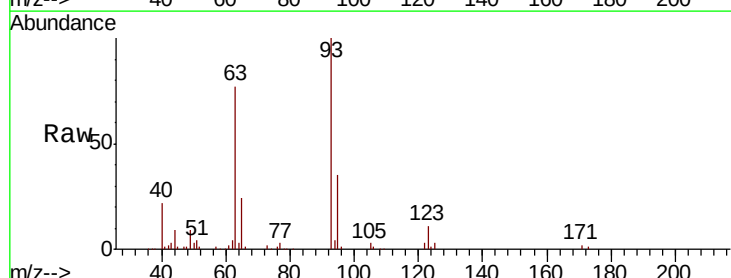
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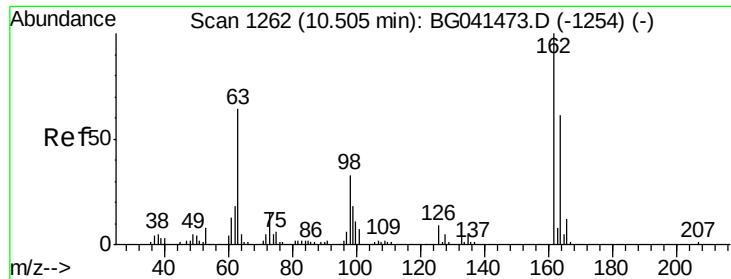
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.690 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.2	26.2	39.2
123	11.2	9.6	14.4





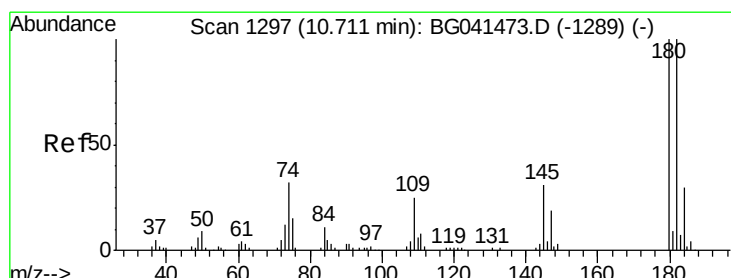
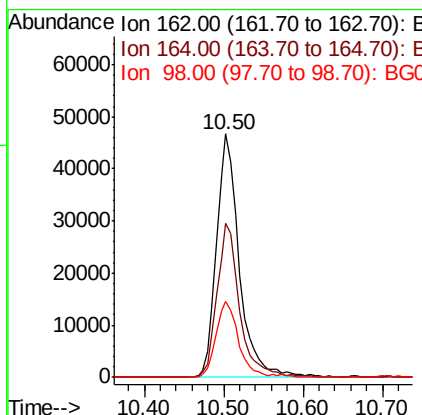
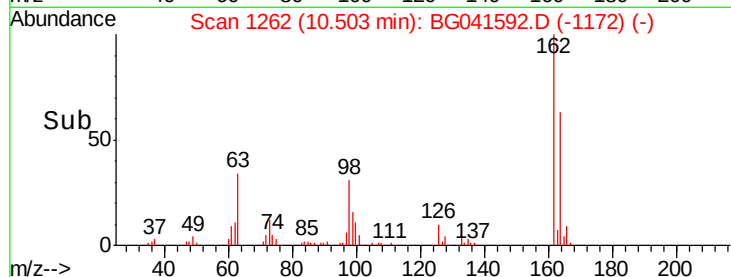
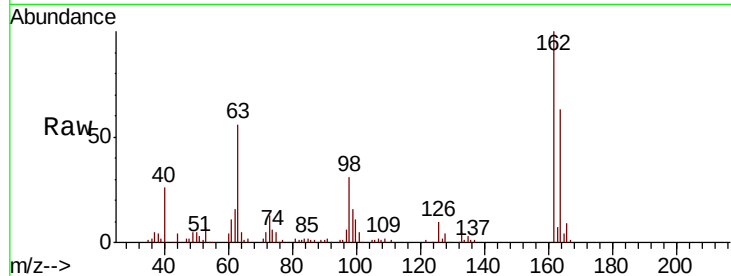
#29
2,4-Dichlorophenol
Concen: 52.325 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	41.3	81.3
98	31.4	13.2	53.2

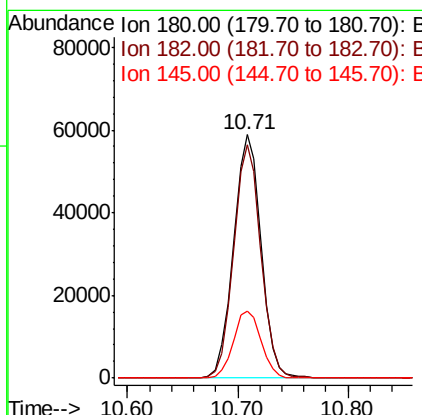
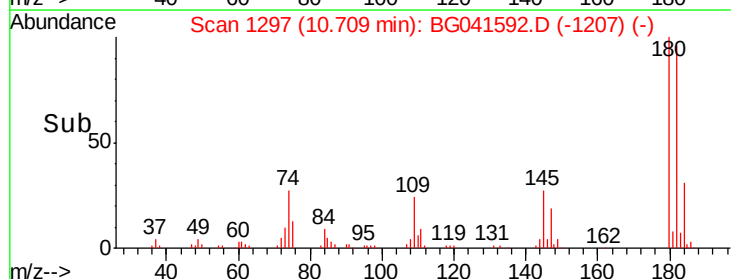
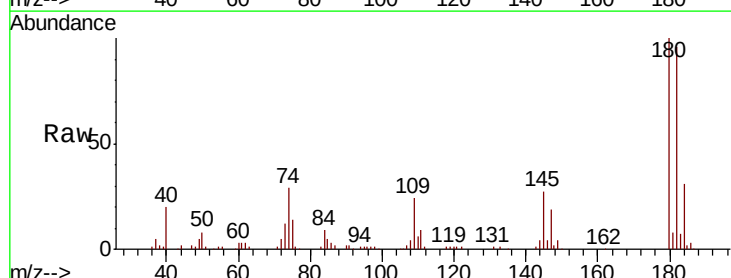
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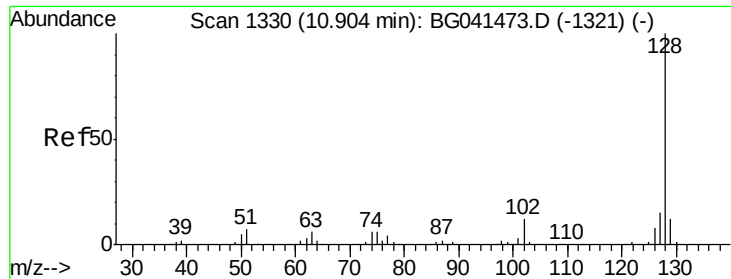
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#30
1,2,4-Trichlorobenzene
Concen: 45.400 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	79.9	119.9
145	27.3	24.7	37.1





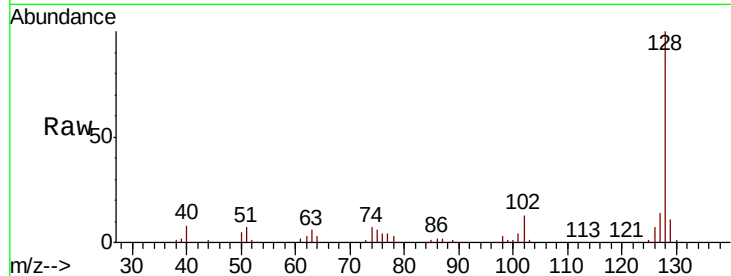
#31
Naphthalene
Concen: 46.384 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

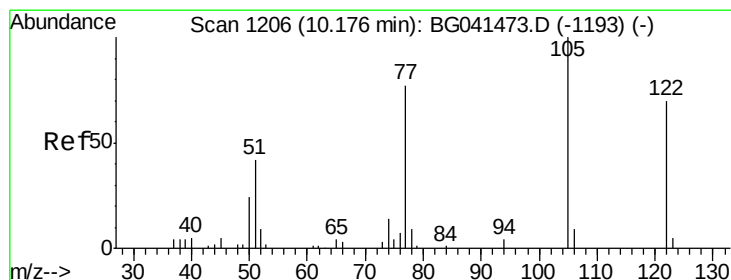
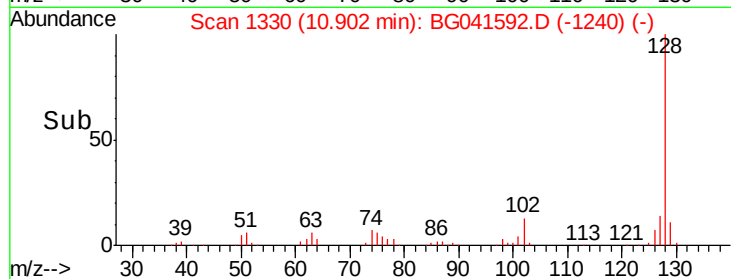
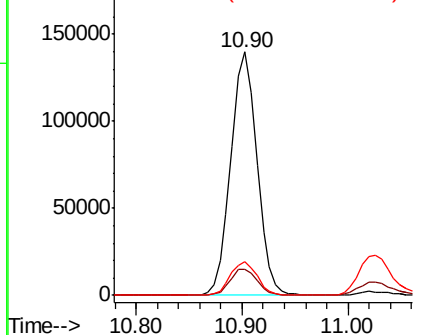
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.7	14.5
127	13.6	11.6	17.4

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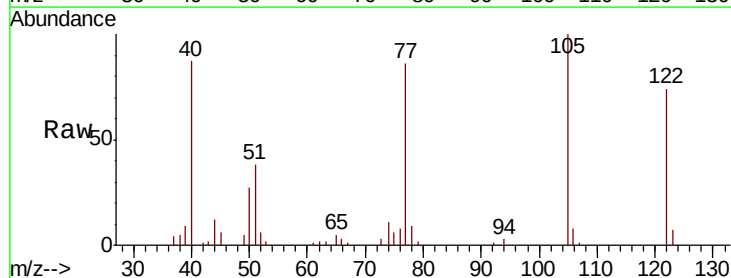


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

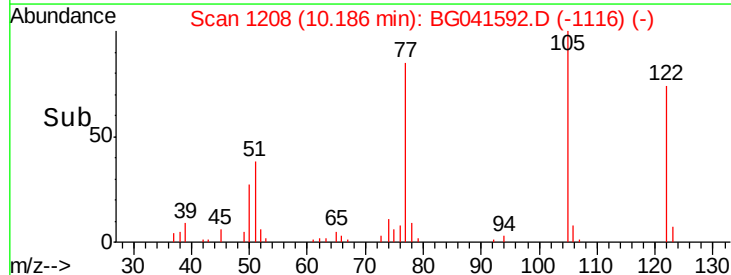
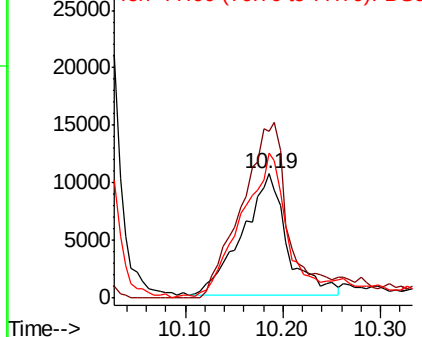


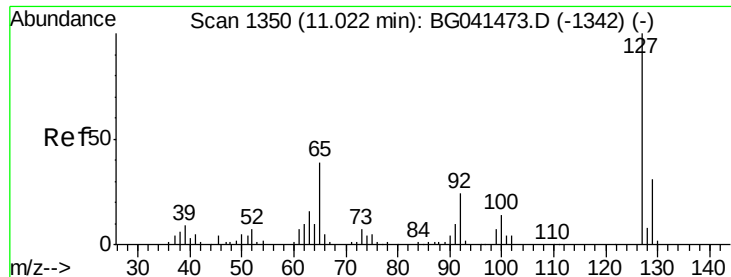
#32
Benzoic acid
Concen: 45.881 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.9	117.8	157.8
77	116.5	88.9	128.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





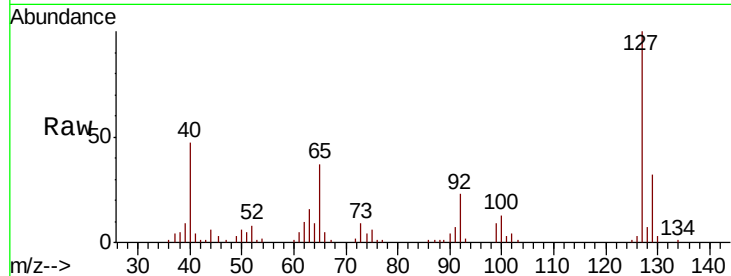
#33
4-Chloroaniline
Concen: 23.751 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

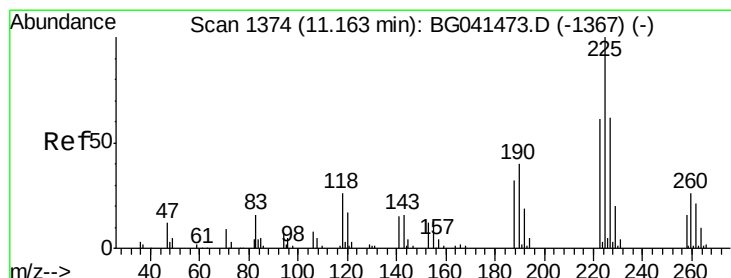
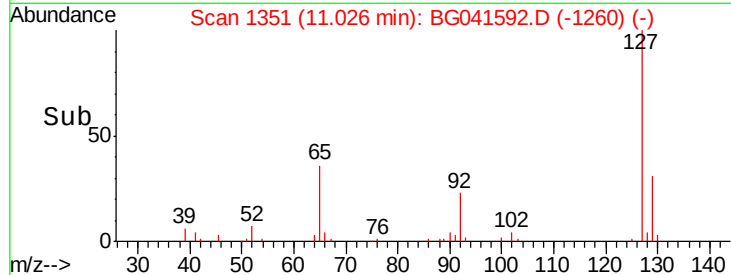
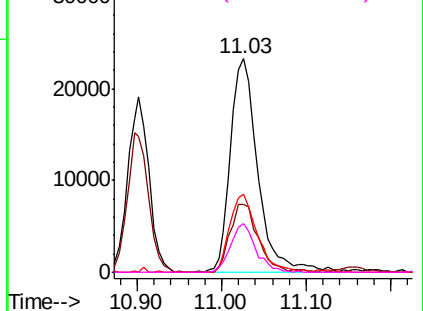
Tot Ion:	127	Resp:	51883
Ion Ratio	Lower	Upper	
127	100		
129	31.9	24.6	37.0
65	36.6	31.5	47.3
92	22.5	18.9	28.3

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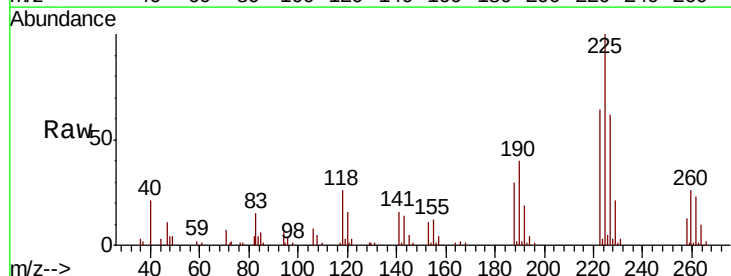


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

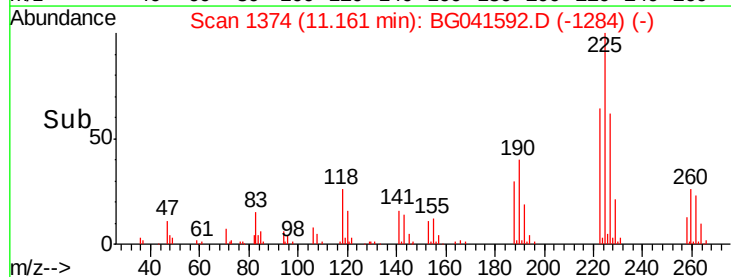
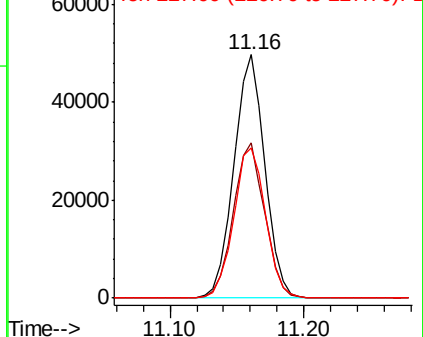


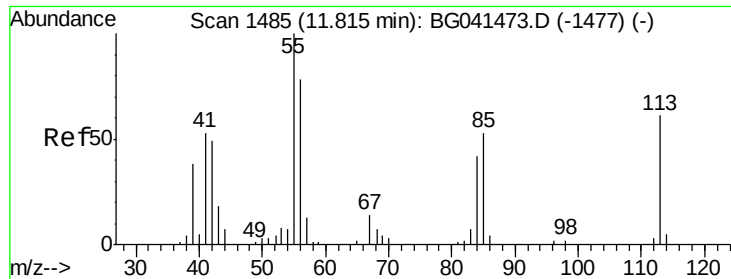
#34
Hexachlorobutadiene
Concen: 44.262 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion:	225	Resp:	79839
Ion Ratio	Lower	Upper	
225	100		
223	63.5	48.6	72.8
227	64.5	49.3	73.9



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





#35

Caprolactam

Concen: 50.158 ng/mL

RT: 11.82 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

ClientSampleId :

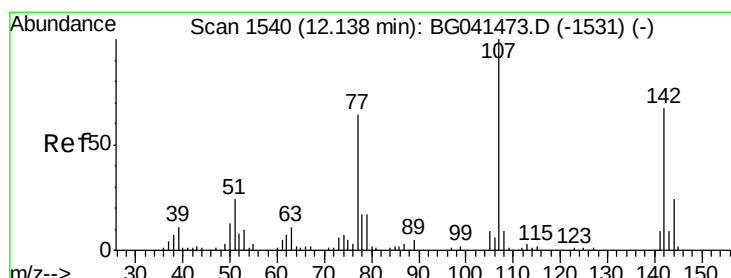
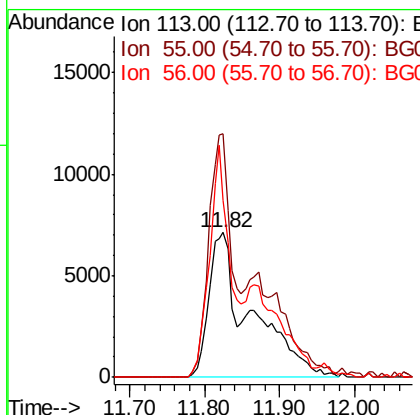
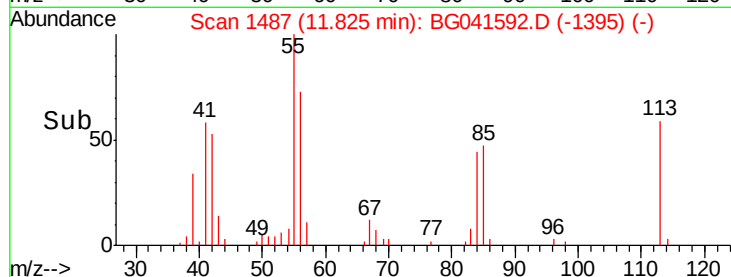
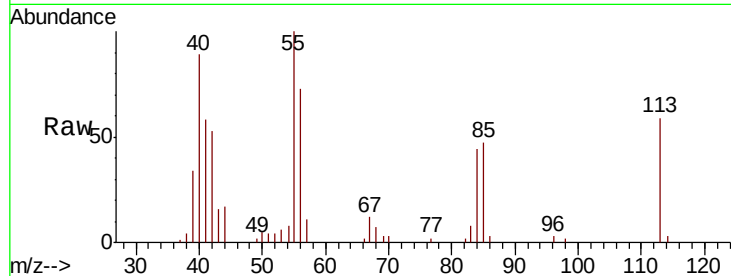
PB121160BS

Tot Ion: 113 Resp: 27767

Ion	Ratio	Lower	Upper
113	100		
55	168.5	145.1	185.1
56	122.9	109.4	149.4

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#36

4-Chloro-3-methylphenol

Concen: 48.755 ng/mL

RT: 12.14 min Scan# 1541

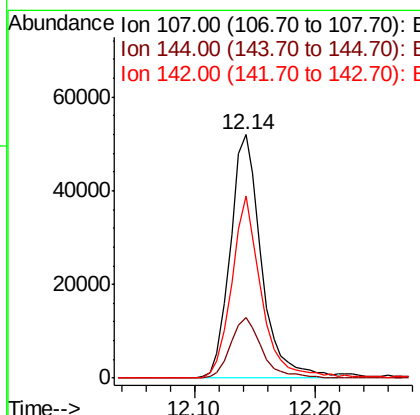
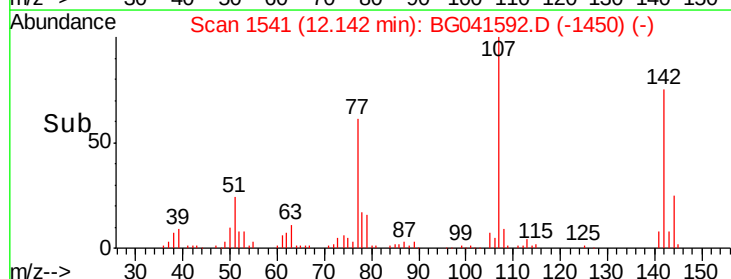
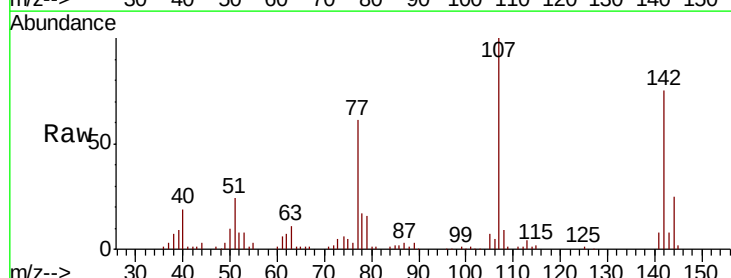
Delta R.T. 0.00 min

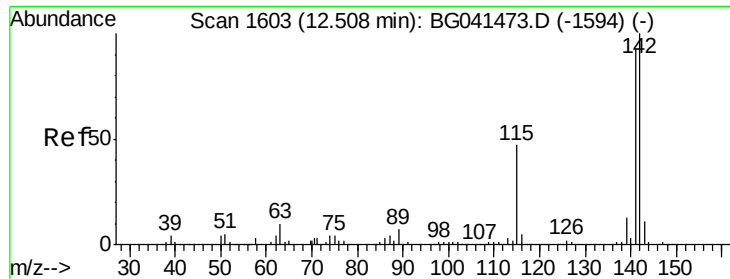
Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion: 107 Resp: 93657

Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.4	29.0
142	74.6	53.8	80.6





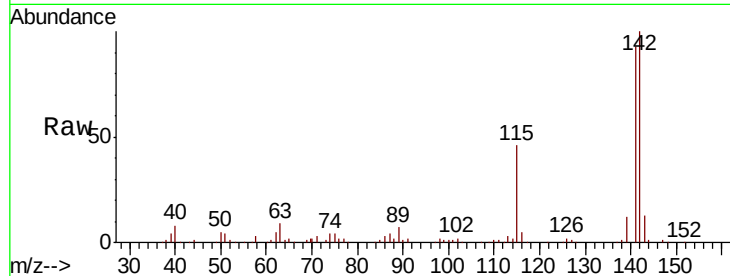
#37
2-Methylnaphthalene
Concen: 47.093 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampled :
PB121160BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.8	112.2
115	46.2	38.0	57.0

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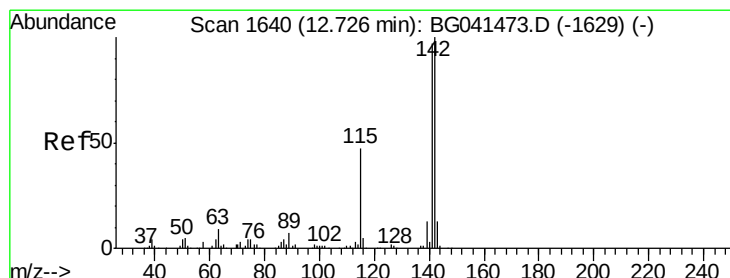
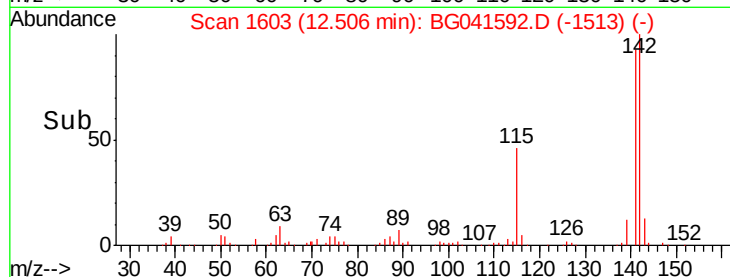
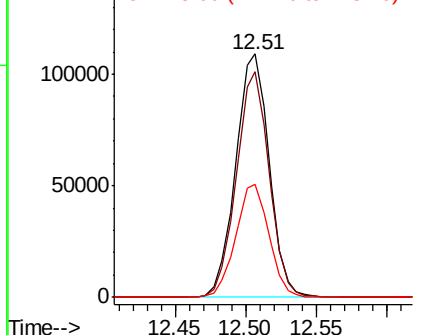


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.235 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

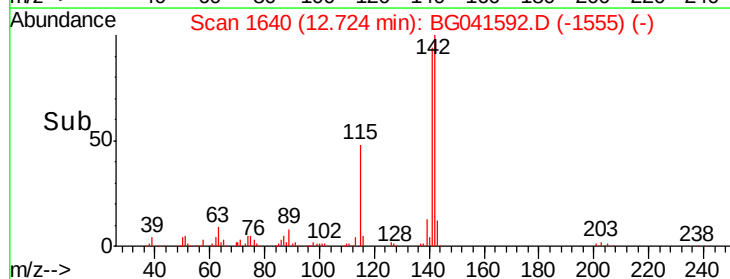
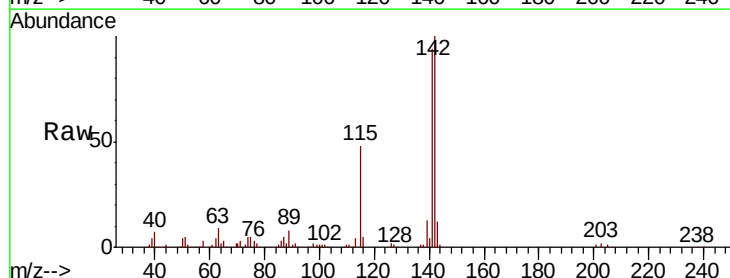
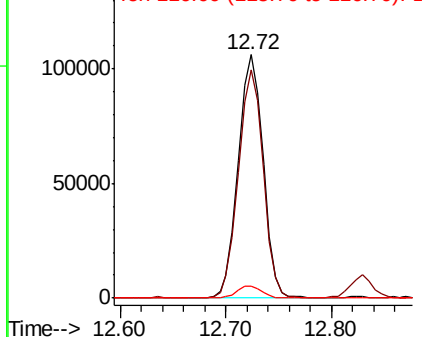
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	77.4	116.2
116	4.8	3.8	5.8

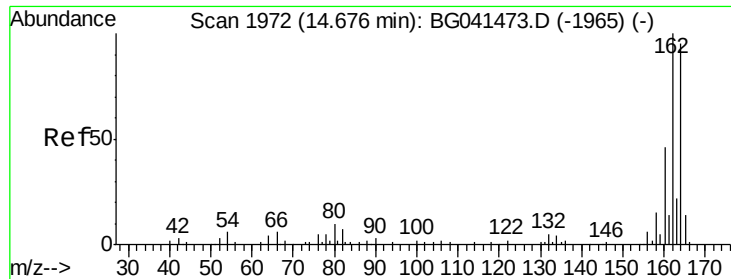
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB121160BS

Tot Ion:164 Resp: 66819

Ion Ratio Lower Upper

164 100

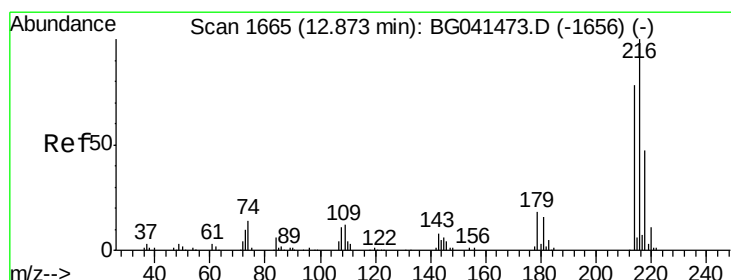
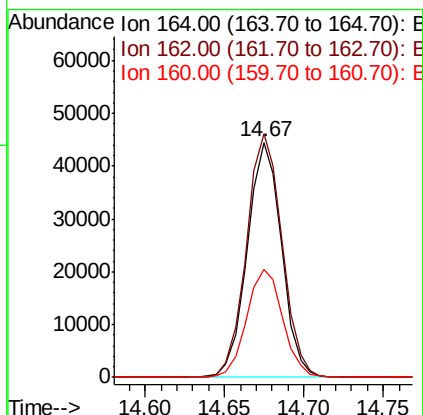
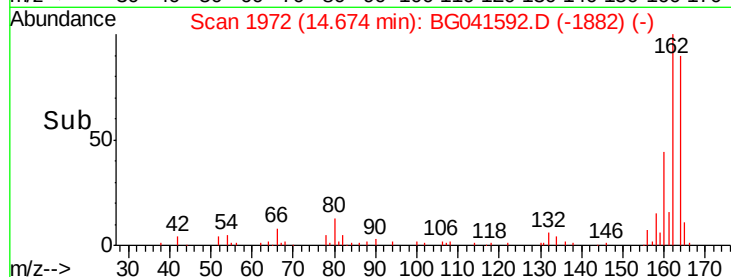
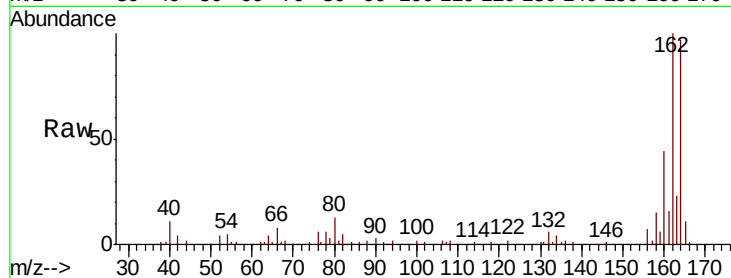
162 103.6 84.4 126.6

160 45.9 38.8 58.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.739 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion:216 Resp: 140460

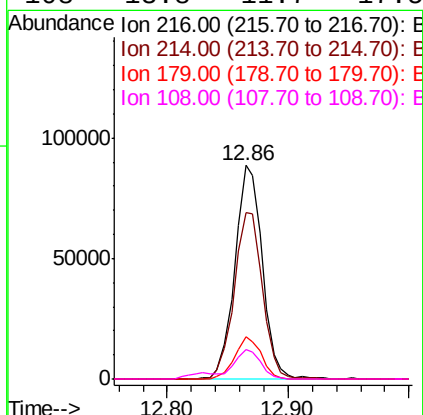
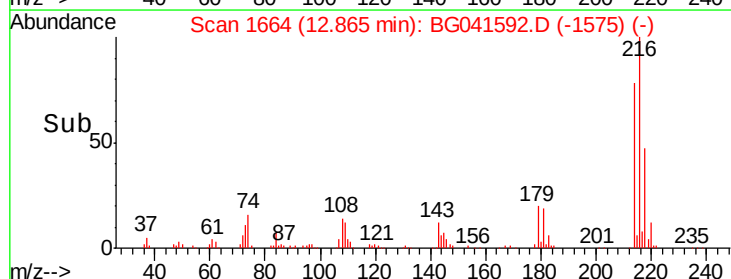
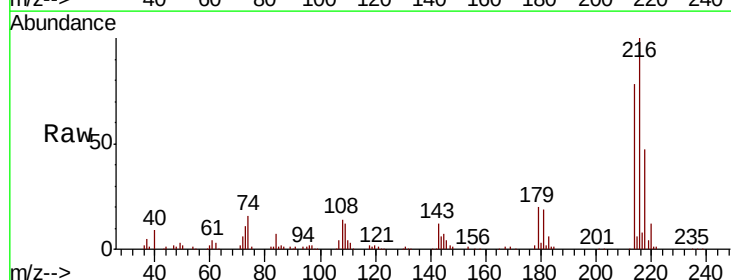
Ion Ratio Lower Upper

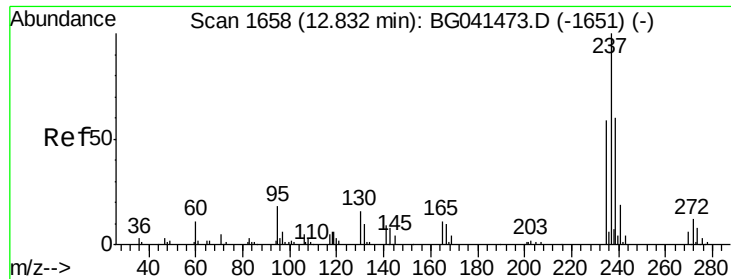
216 100

214 80.3 63.4 95.2

179 18.9 15.1 22.7

108 13.8 11.7 17.5





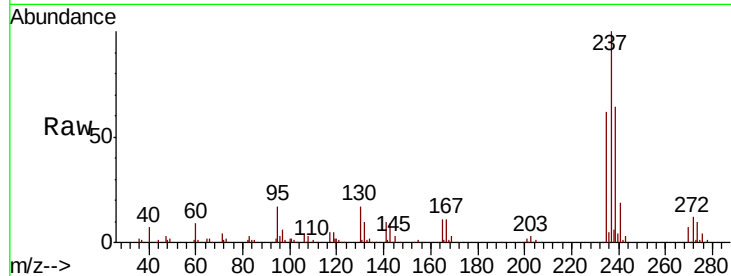
#41
Hexachlorocyclopentadiene
Concen: 91.728 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.0	39.1	79.1
272	12.4	0.0	31.5

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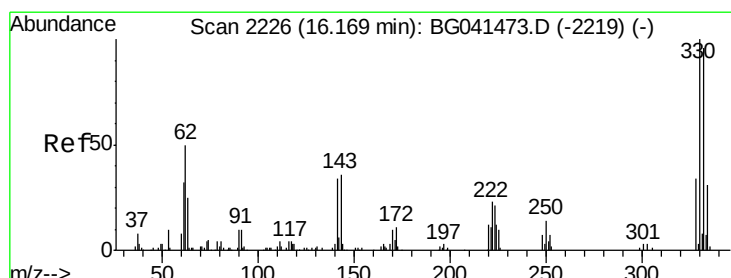
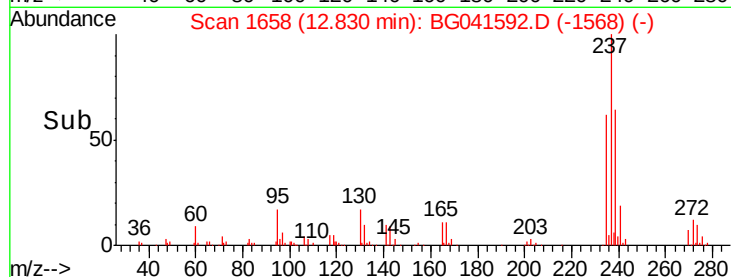
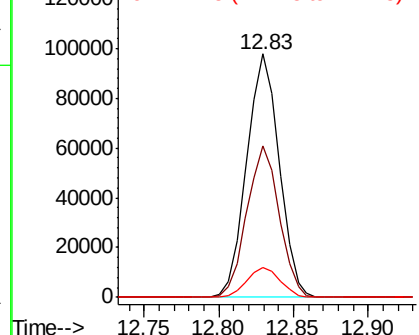


Abundance

Ion 236.80 (236.50 to 237.50): E

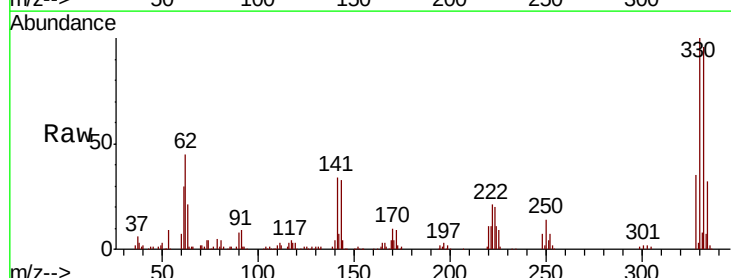
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 158.824 ng
RT: 16.17 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.4	75.5	113.3
141	35.0	27.8	41.6

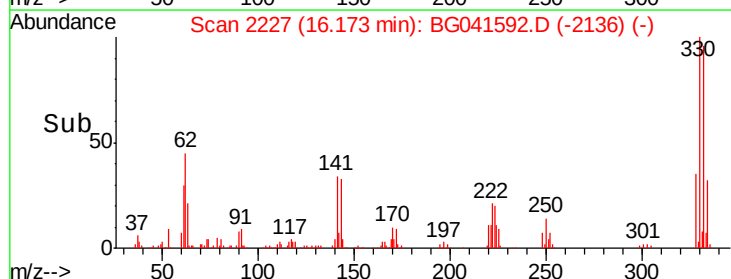
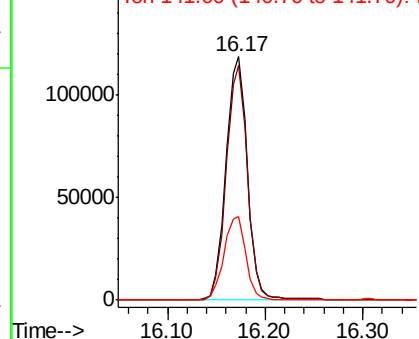


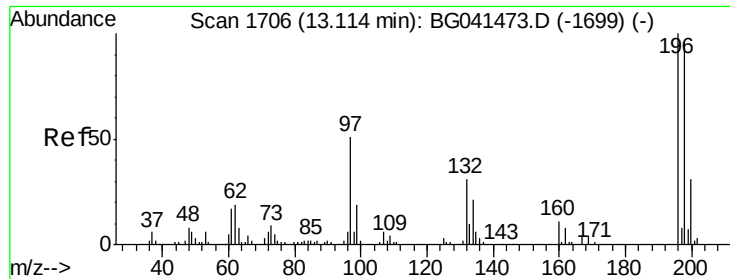
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





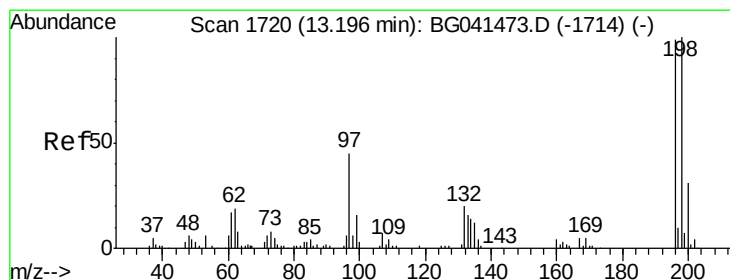
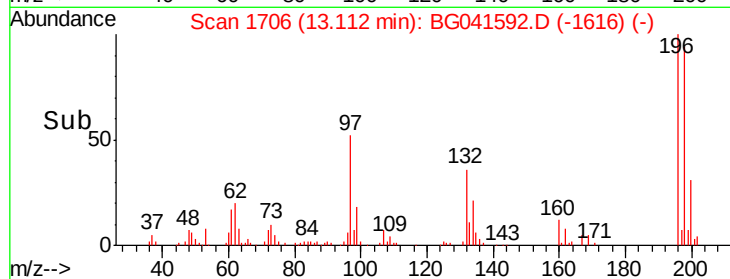
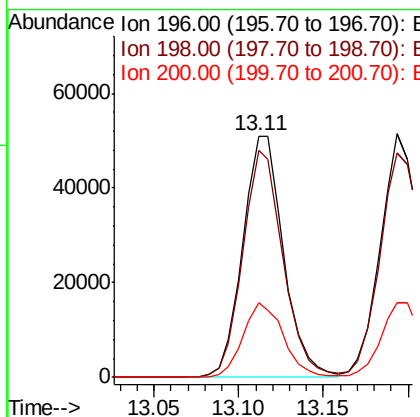
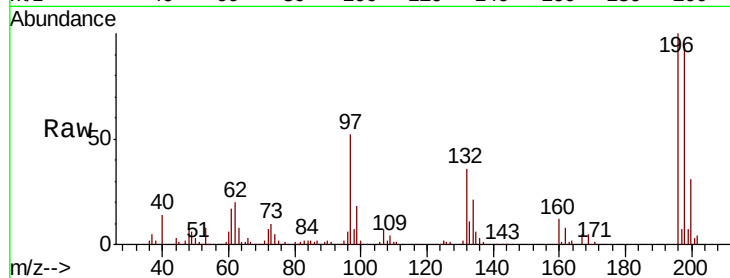
#43
 2,4,6-Trichlorophenol
 Concen: 48.957 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	85463		
198	94.1	76.7	115.1	
200	30.9	24.4	36.6	

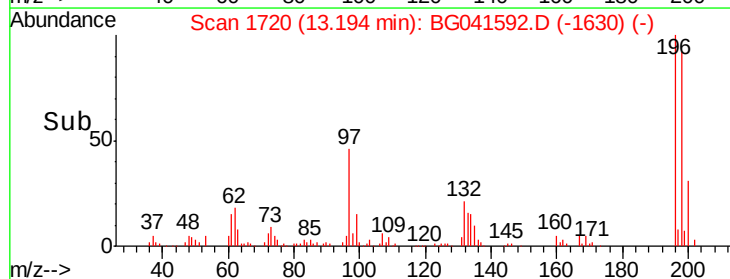
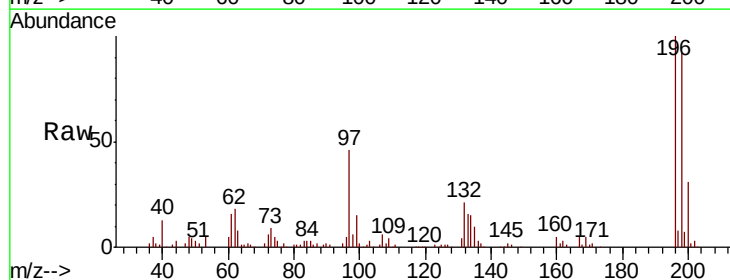
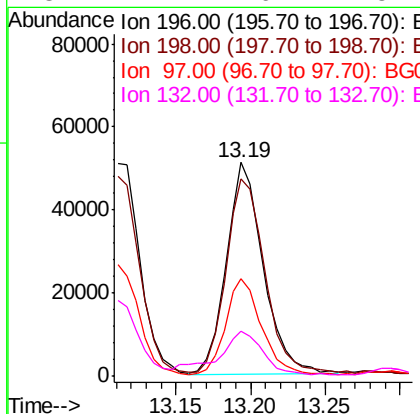
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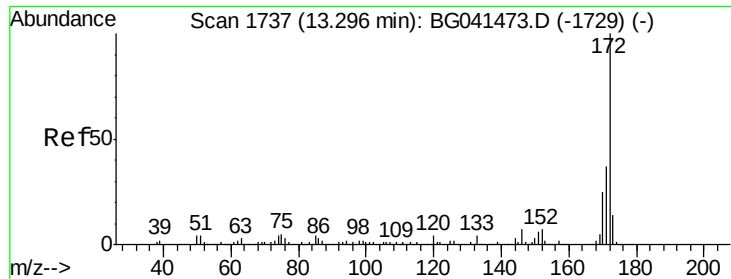
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.413 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87674		
198	92.1	80.5	120.7	
97	45.8	36.5	54.7	
132	21.1	16.7	25.1	





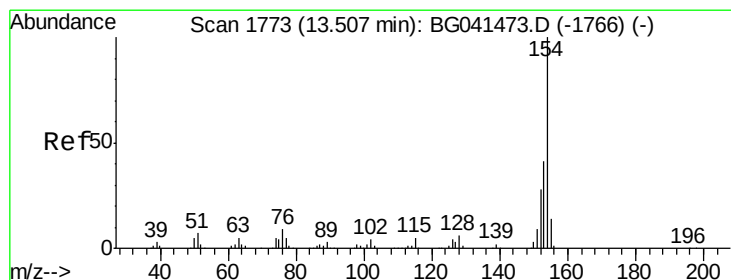
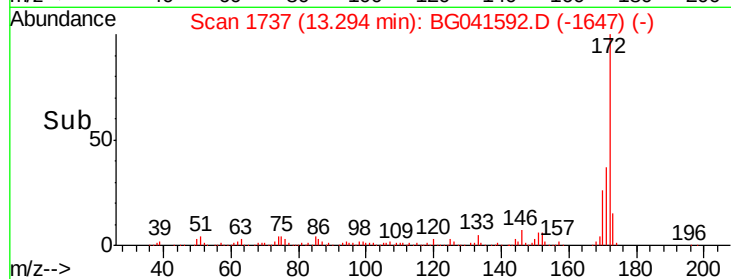
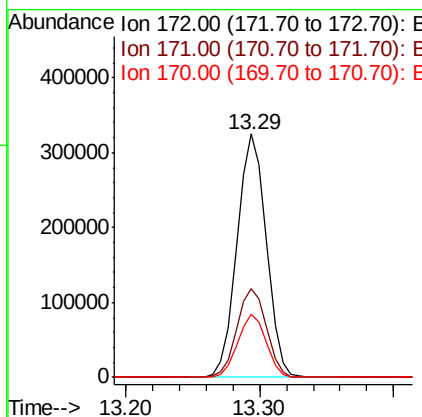
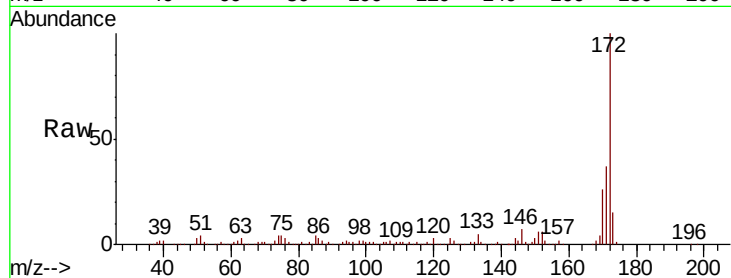
#45
2-Fluorobiphenyl
Concen: 94.442 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	26.1	20.0	30.0

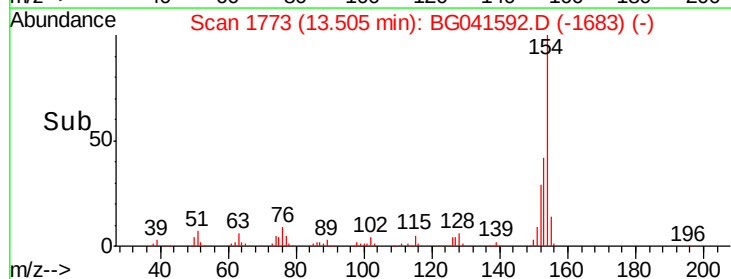
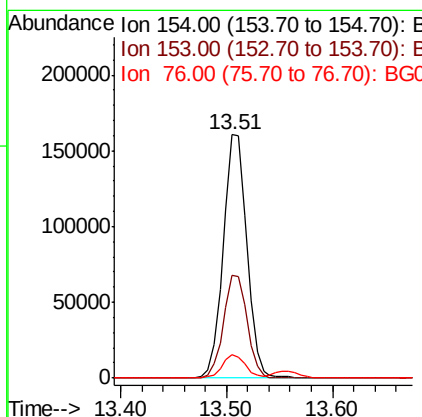
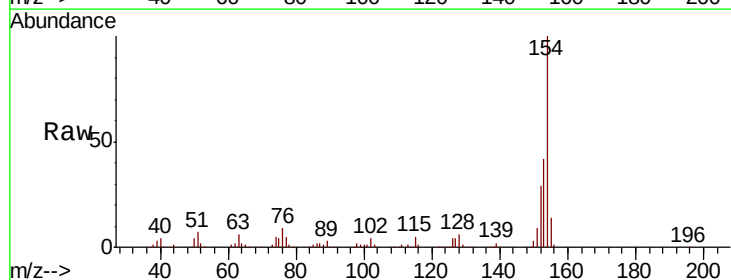
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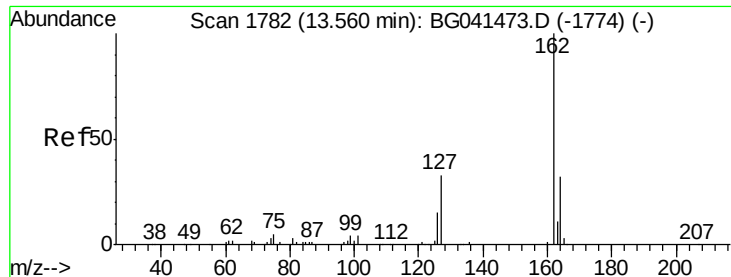
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#46
1,1'-Biphenyl
Concen: 47.127 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.9	60.9
76	9.5	0.0	29.4





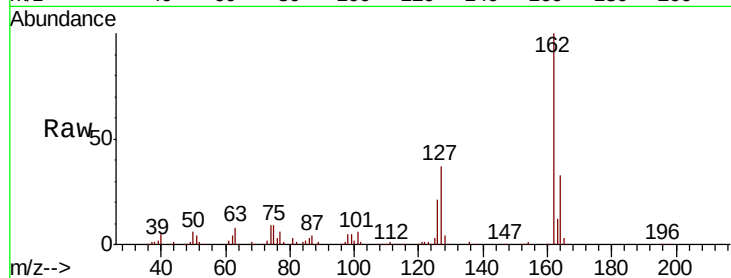
#47
2-Chloronaphthalene
Concen: 45.609 ng
RT: 13.56 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	33.2	25.8	38.6

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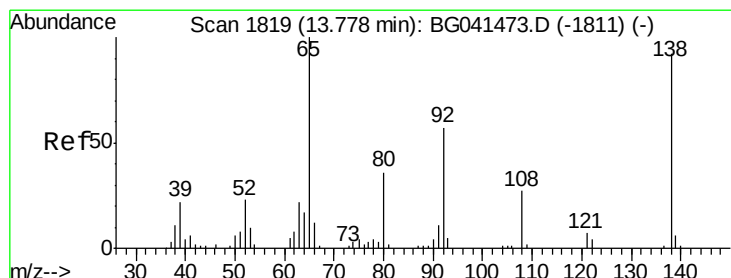
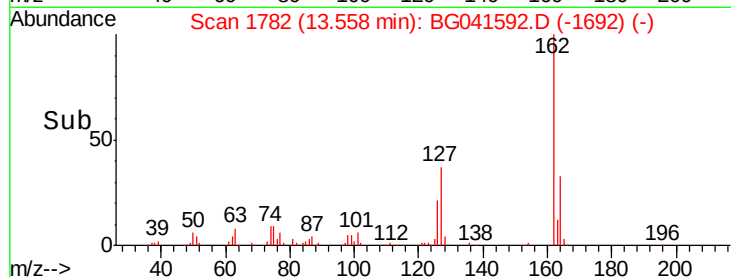
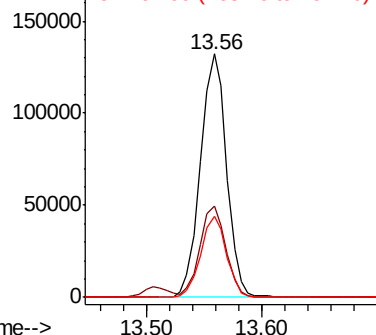


Abundance

Ion 162.00 (161.70 to 162.70): E

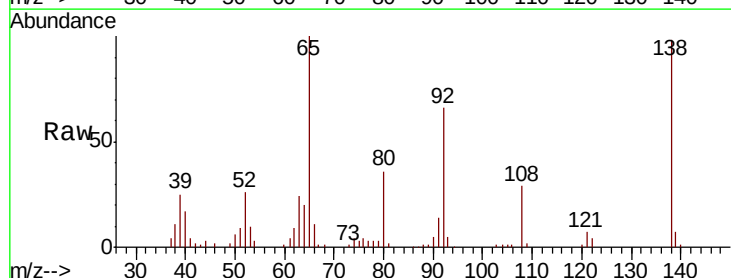
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.975 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	45.9	68.9
138	97.6	73.4	110.2

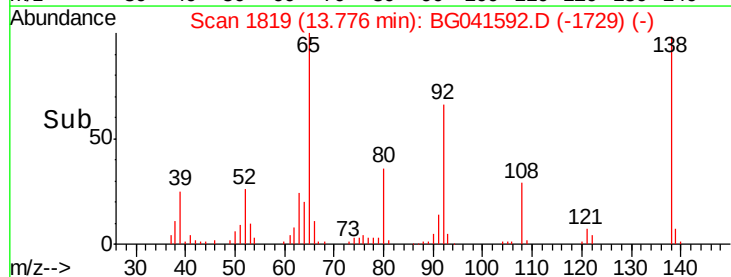
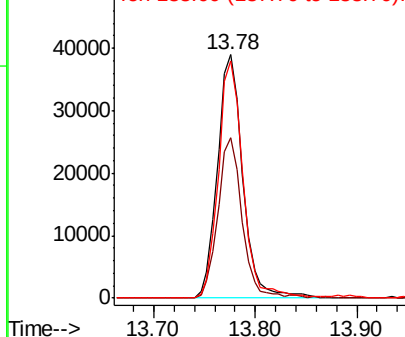


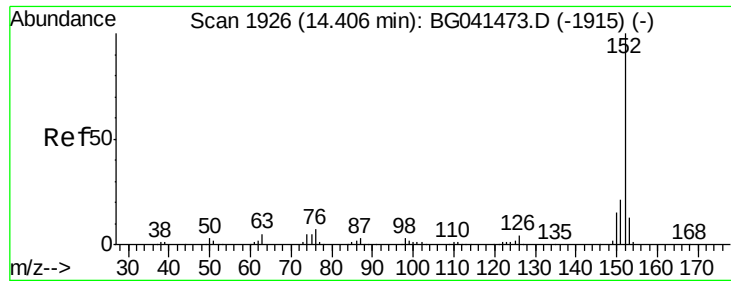
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.249 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

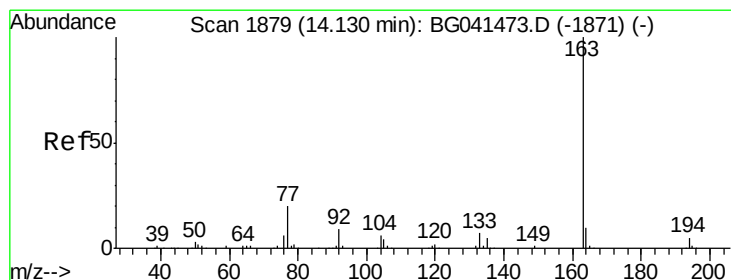
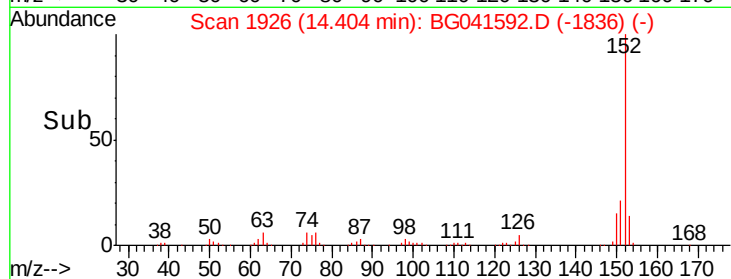
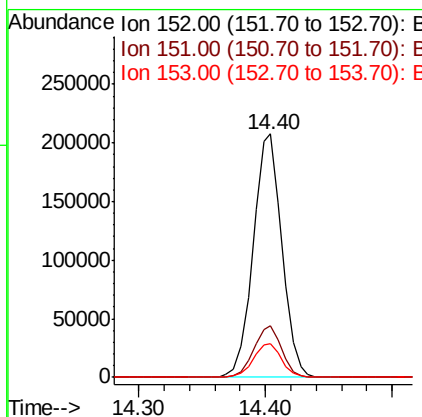
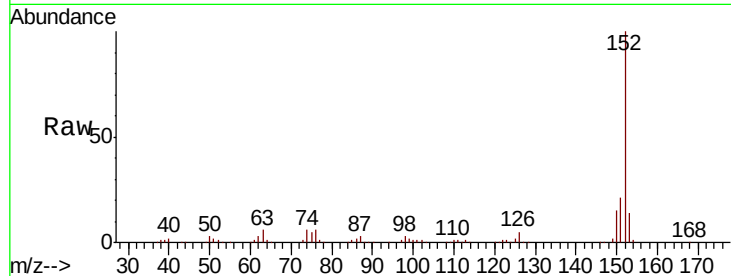
ClientSampleId :

PB121160BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		326577		
151	21.3	16.7	25.1		
153	14.0	10.8	16.2		

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#50

Dimethylphthalate

Concen: 47.097 ng

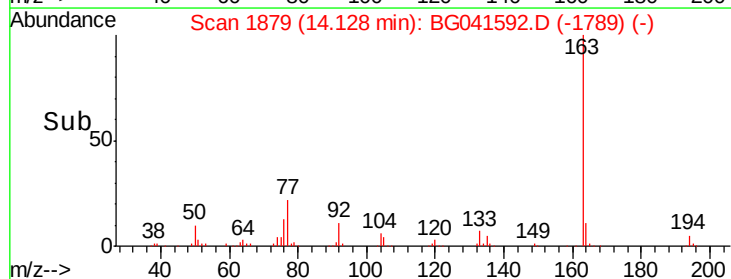
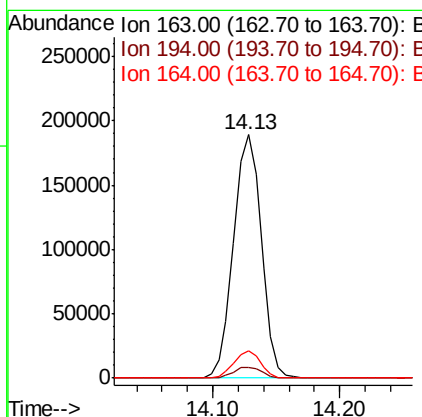
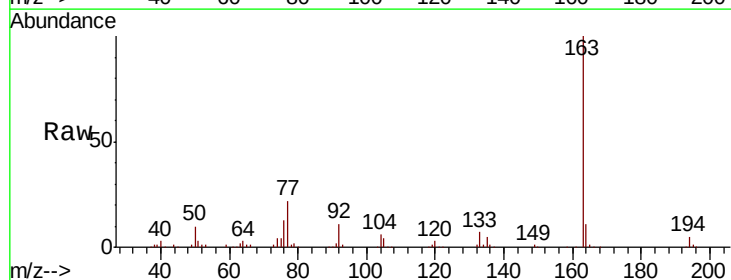
RT: 14.13 min Scan# 1879

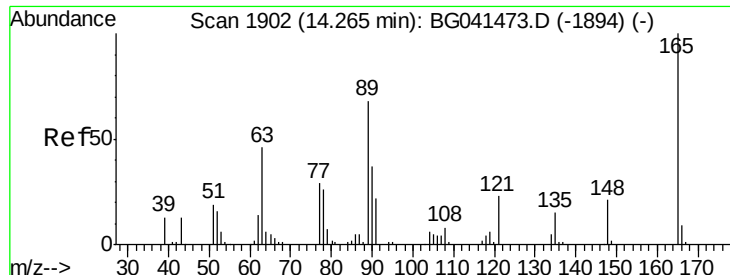
Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		286381		
194	4.6	3.7	5.5		
164	11.0	7.8	11.6		





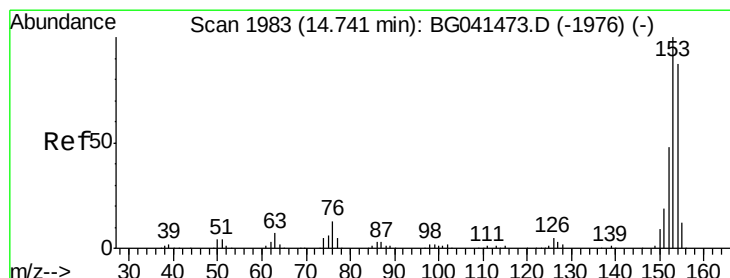
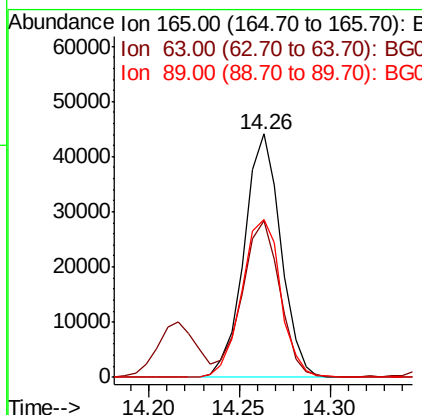
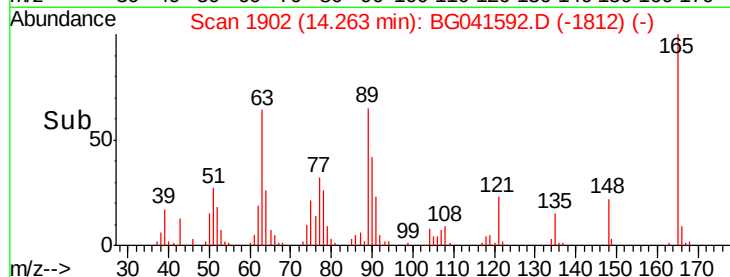
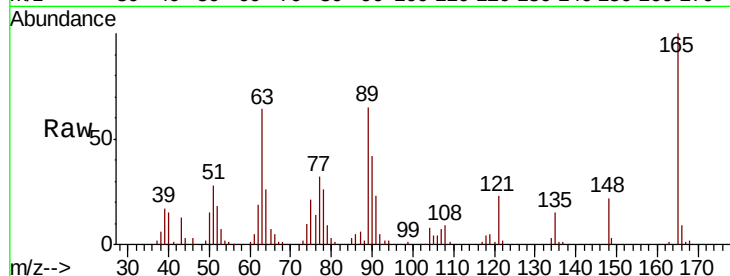
#51
2,6-Dinitrotoluene
Concen: 47.914 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	61829		
63	64.3		56.4	84.6
89	64.9		54.6	81.8

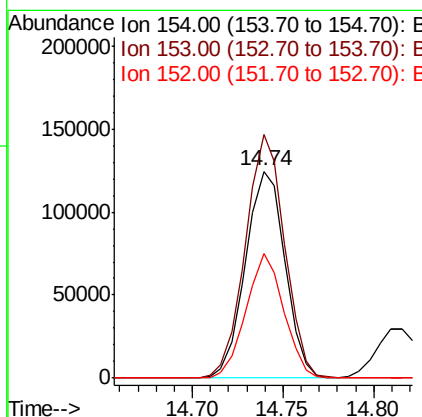
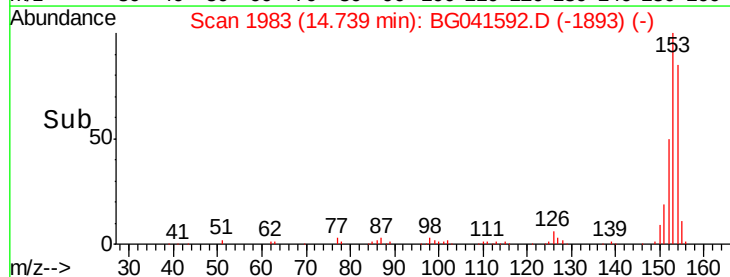
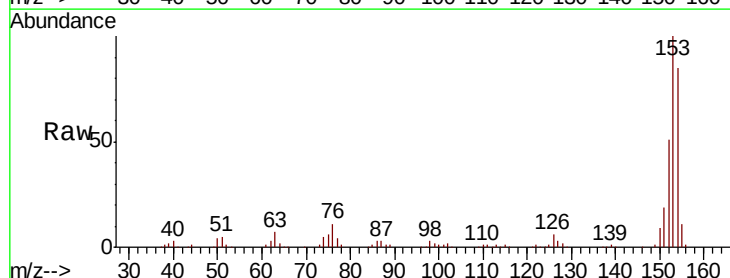
Manual Integrations
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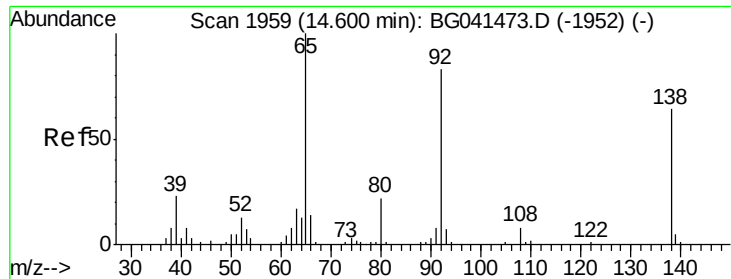
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#52
Acenaphthene
Concen: 47.169 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	189328		
153	117.8		92.2	138.4
152	60.3		44.1	66.1





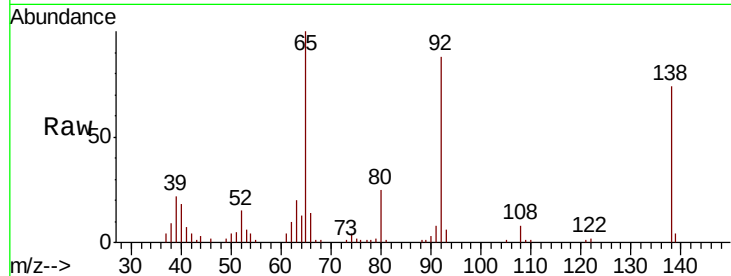
#53
 3-Nitroaniline
 Concen: 29.132 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.5	14.3
92	120.0	103.3	154.9

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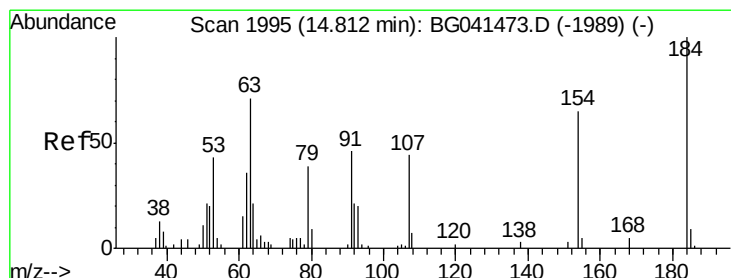
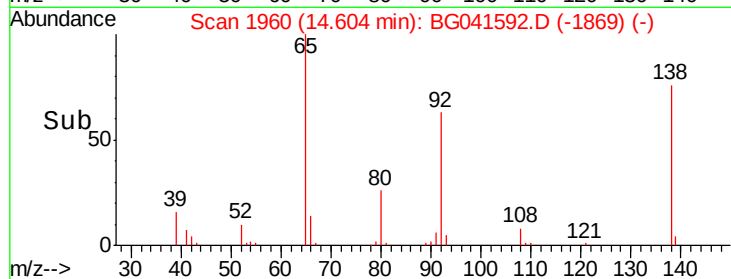
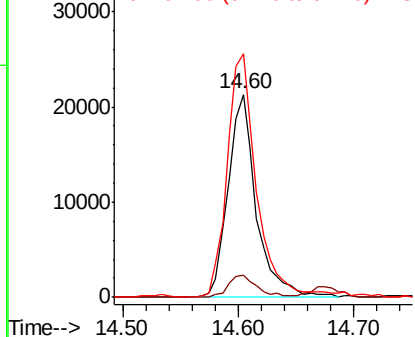


Abundance

Ion 138.00 (137.70 to 138.70): E

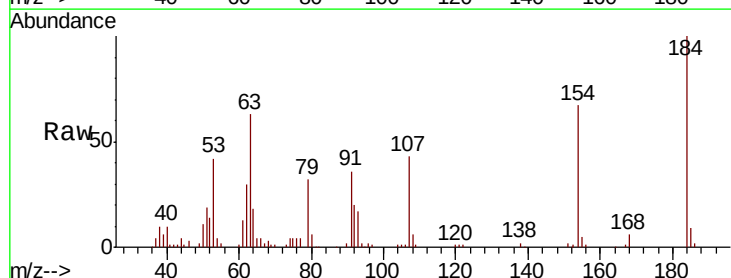
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
 2,4-Dinitrophenol
 Concen: 92.742 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	56.5	84.7
154	67.4	54.2	81.4

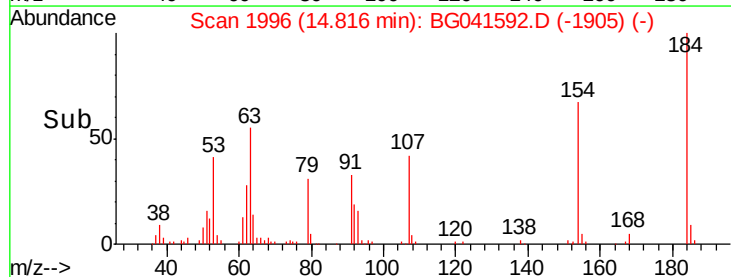
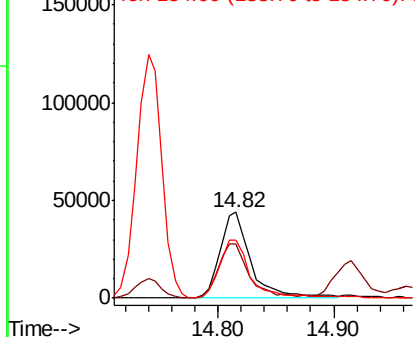


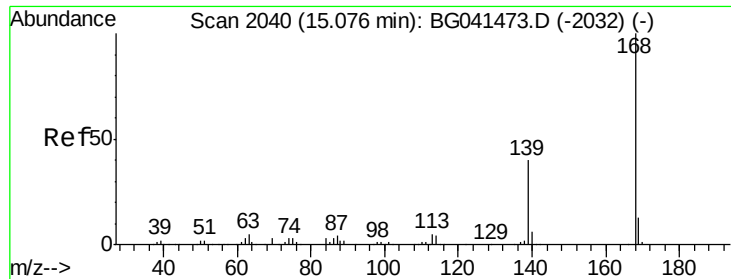
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





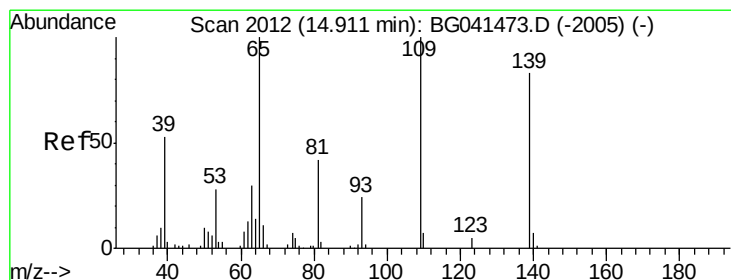
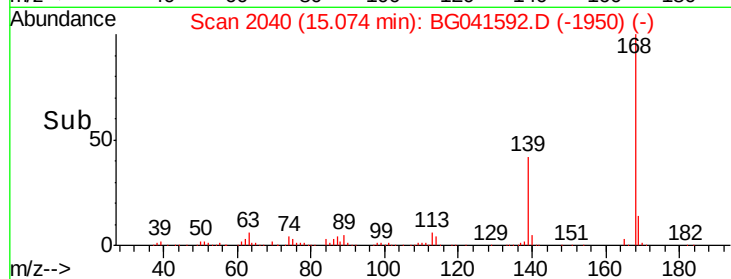
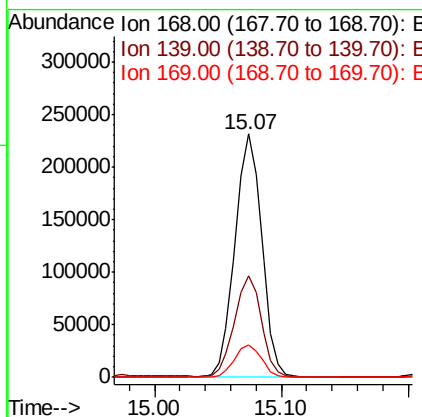
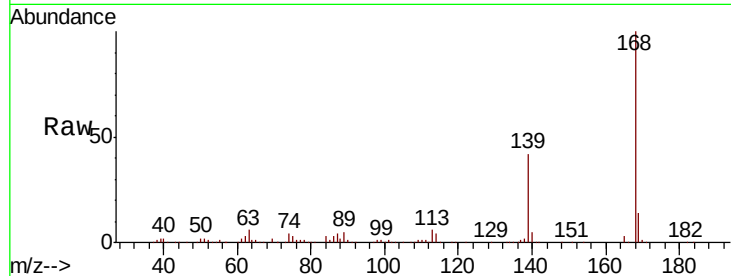
#55
Dibenzenofuran
Concen: 48.616 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	32.2	48.4
169	13.5	10.6	16.0

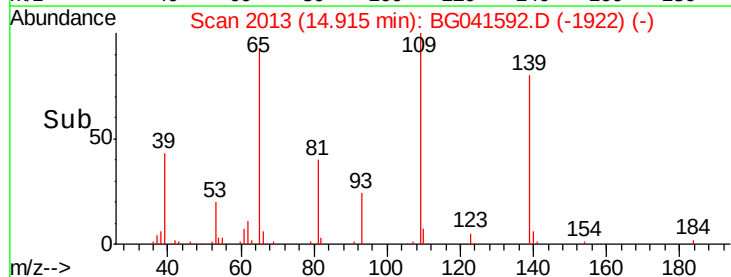
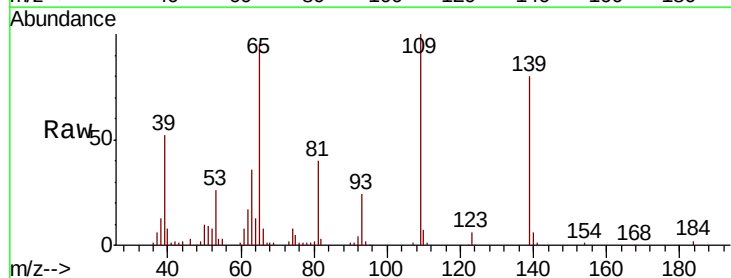
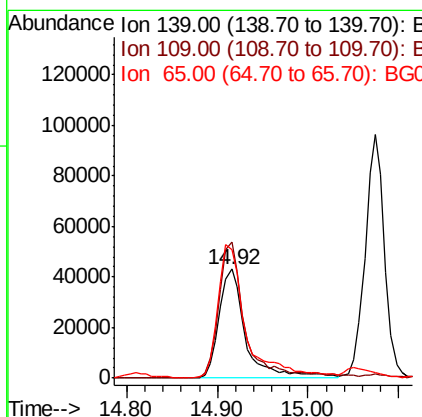
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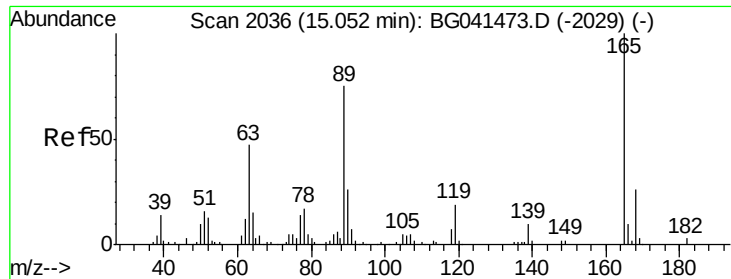
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#56
4-Nitrophenol
Concen: 109.960 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	124.7	99.9	139.9
65	118.1	100.6	140.6





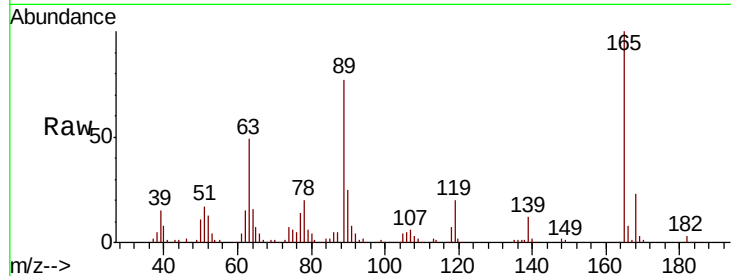
#57
2,4-Dinitrotoluene
Concen: 50.239 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	94048		
63	49.1		38.8	58.2
89	77.2		60.1	90.1
182	2.7		2.2	3.2

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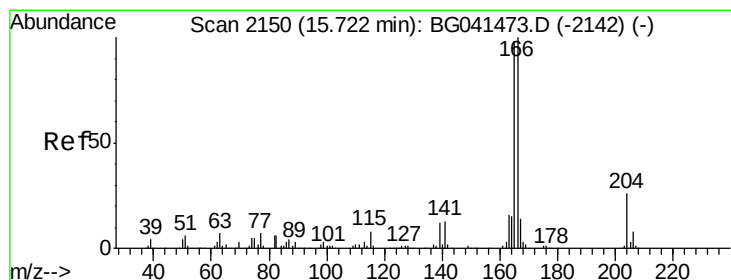
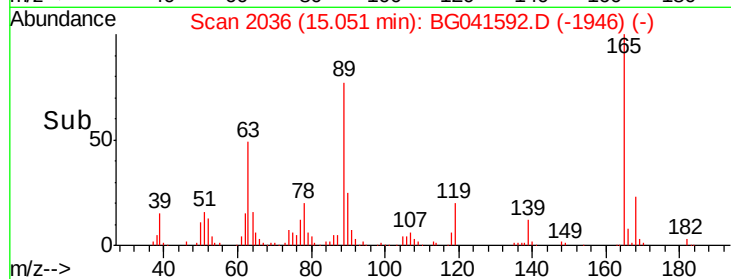
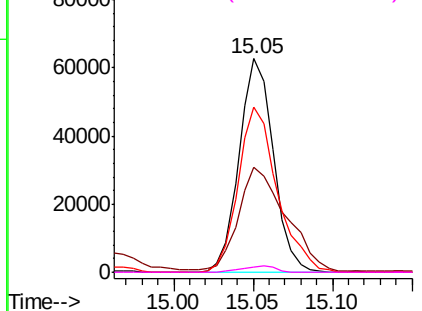
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

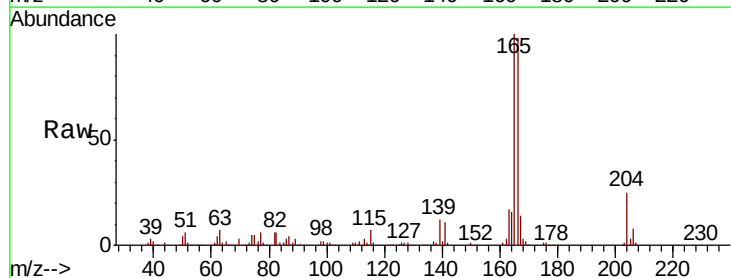
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.731 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	276457		
165	101.9		78.6	117.8
167	14.3		11.4	17.0

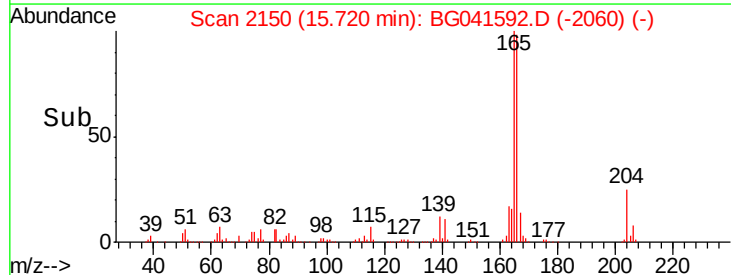
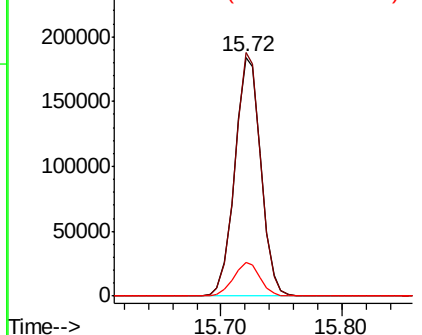


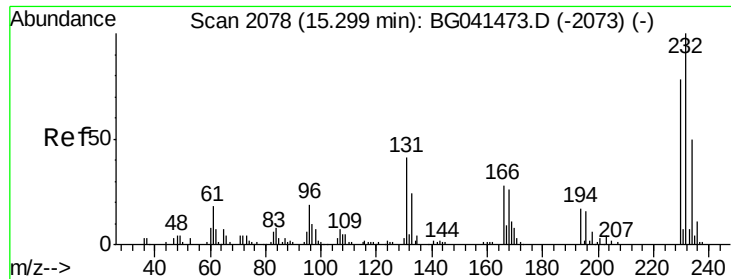
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





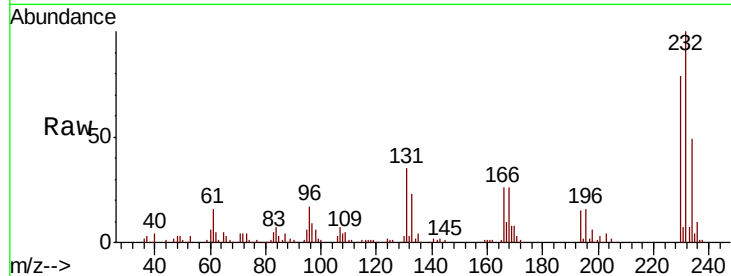
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.545 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	100003		
131	37.7		29.8	44.6
130	2.4		2.0	3.0
166	24.7		20.2	30.2

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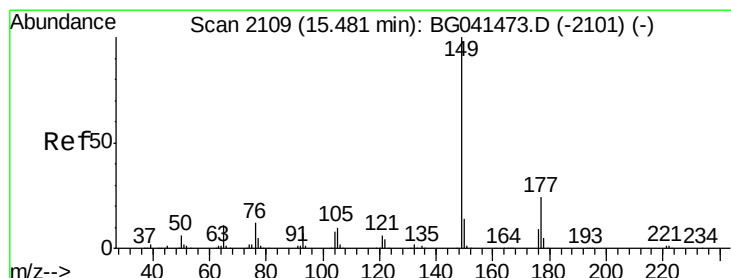
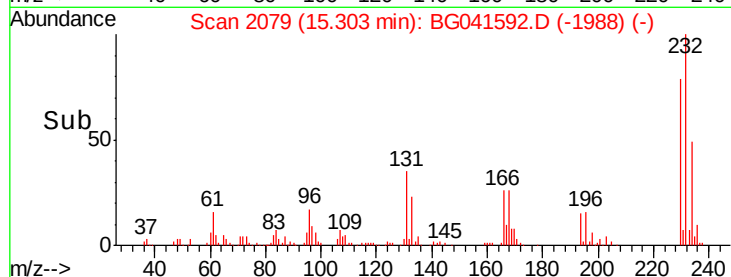
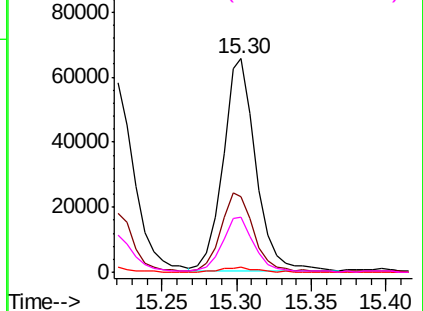
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

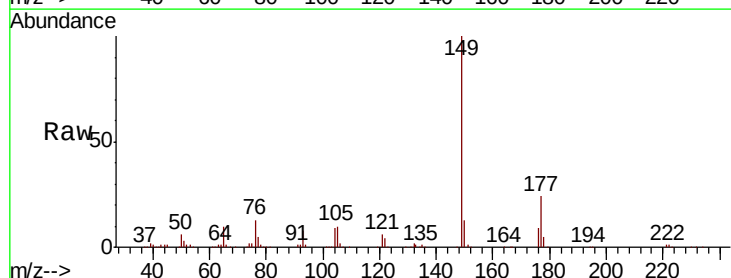
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.980 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	298636		
177	23.8		19.2	28.8
150	13.0		11.2	16.8

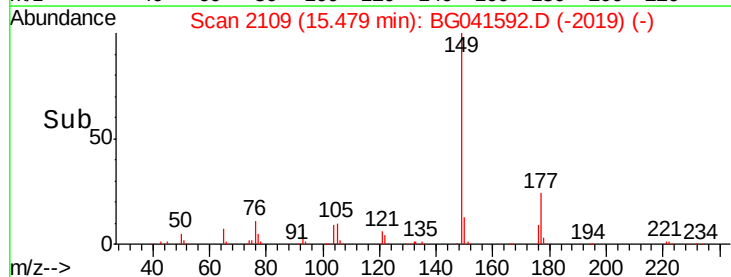
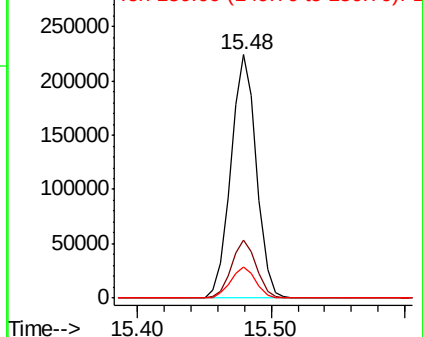


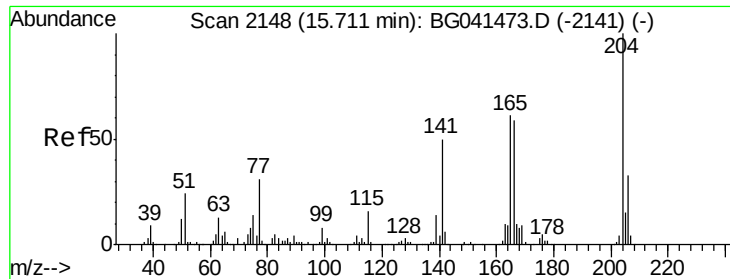
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





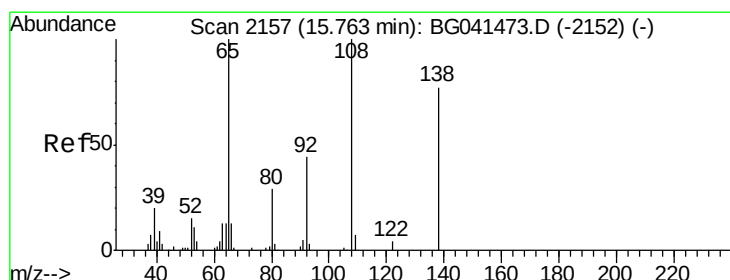
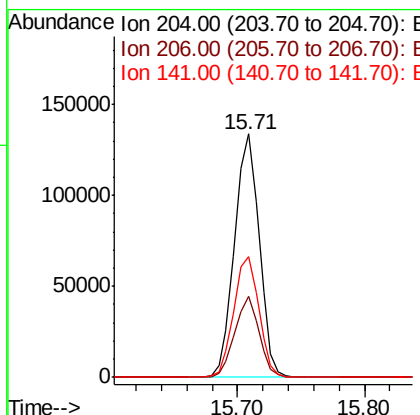
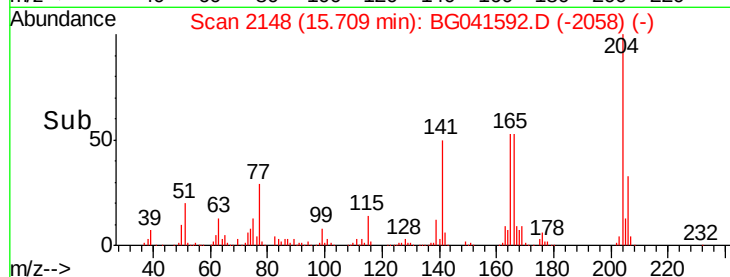
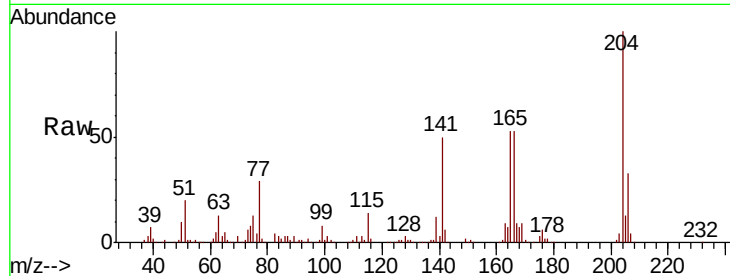
#61
4-Chlorophenyl-phenylether
Concen: 50.301 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	40.0
141	49.6	40.1	60.1

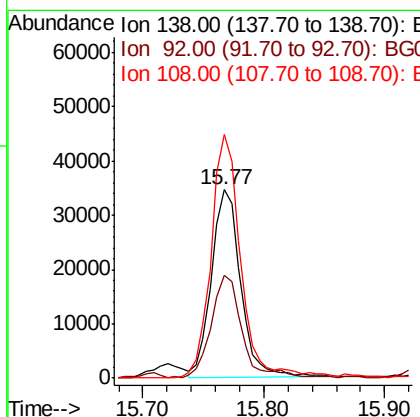
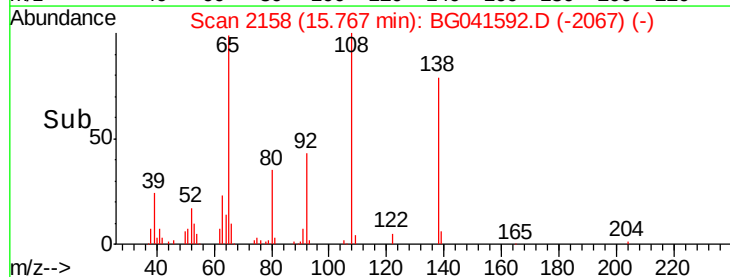
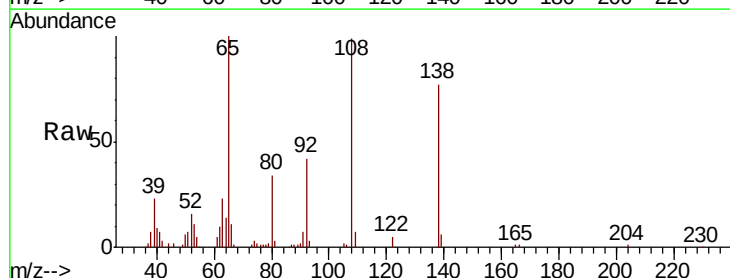
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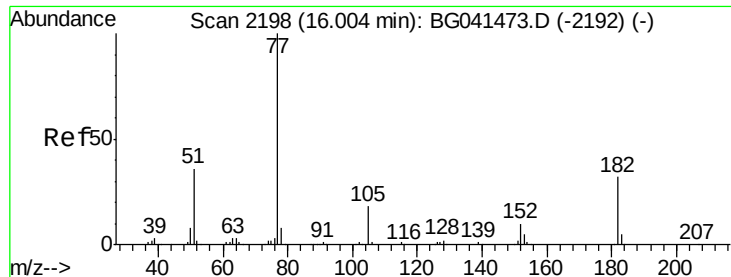
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#62
4-Nitroaniline
Concen: 48.042 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.6	34.9	74.9
108	129.5	105.5	145.5





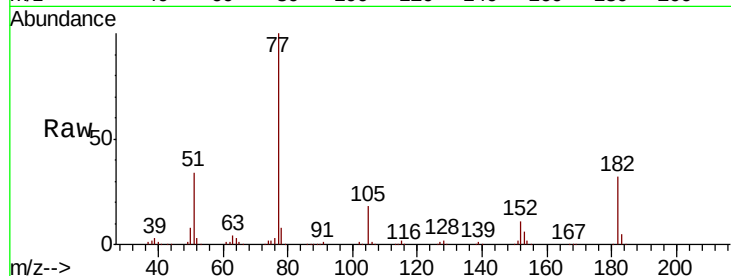
#63
Azobenzene
Concen: 48.239 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.4	12.2	52.2
105	17.7	0.0	38.1
51	34.3	15.9	55.9

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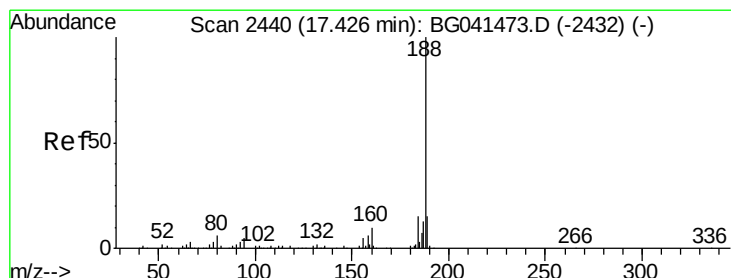
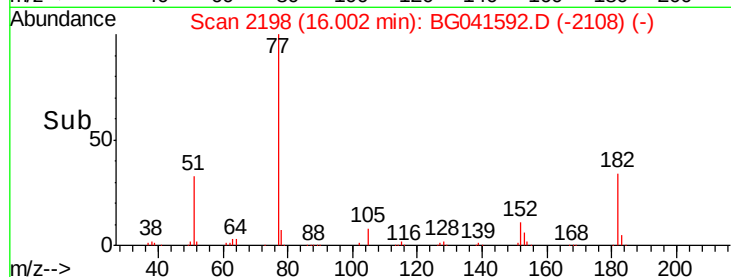
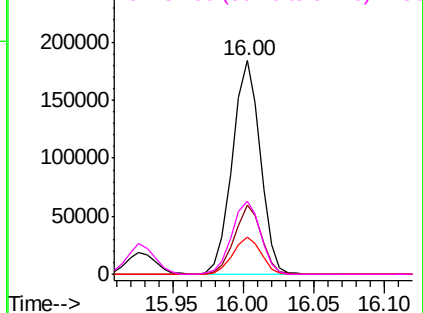
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

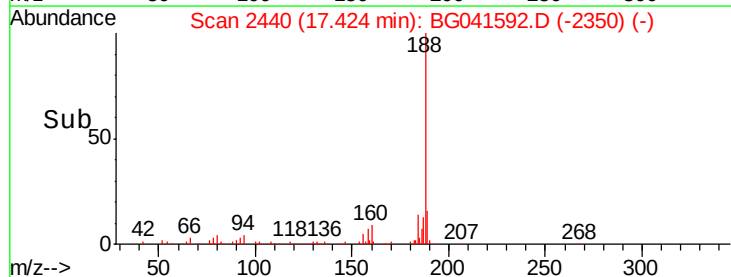
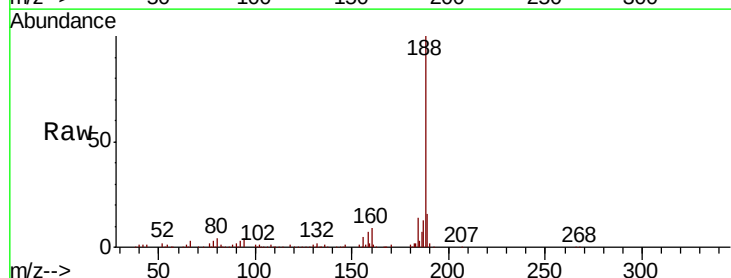
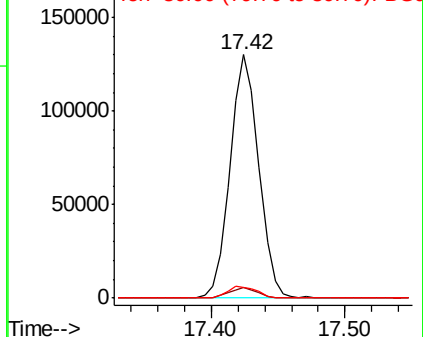
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.1	3.8	5.8
80	4.3	4.8	7.2#

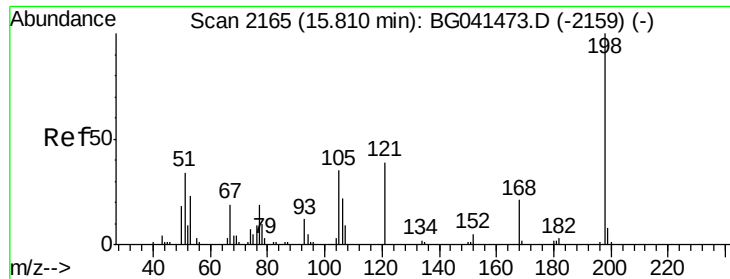
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





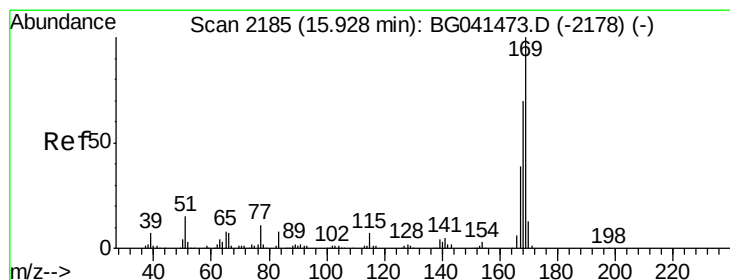
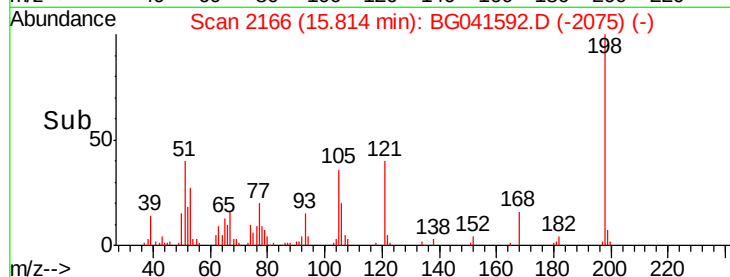
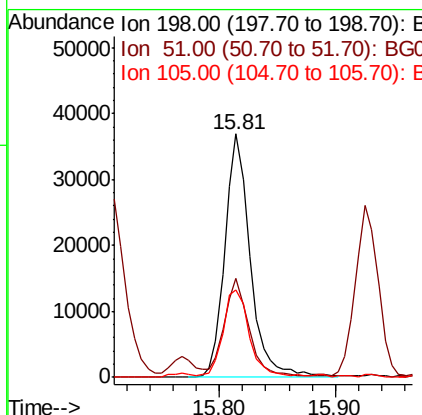
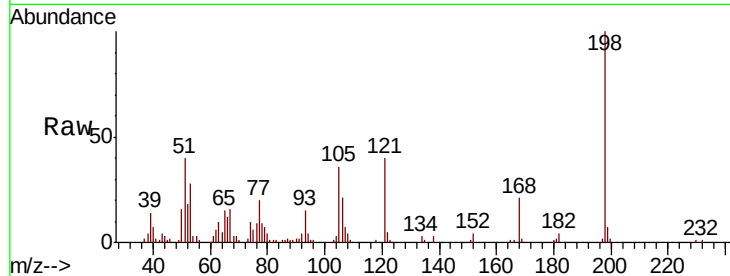
#65
4,6-Dinitro-2-methylphenol
Concen: 46.836 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	56450		
51	40.4	19.0	59.0	
105	35.8	16.1	56.1	

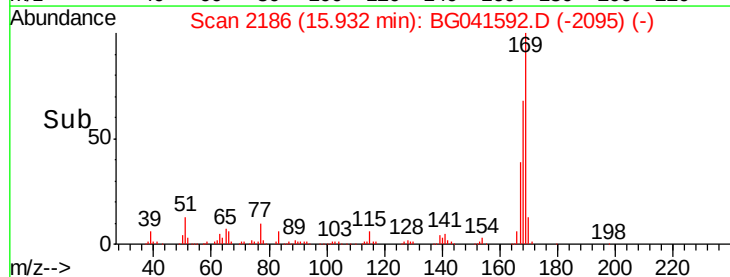
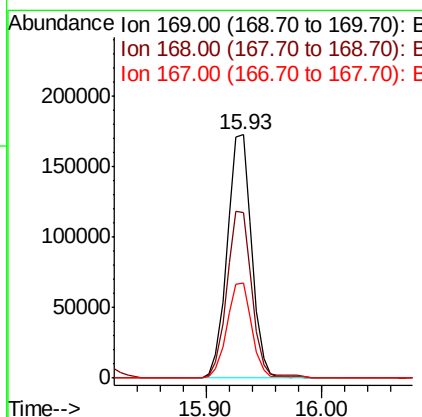
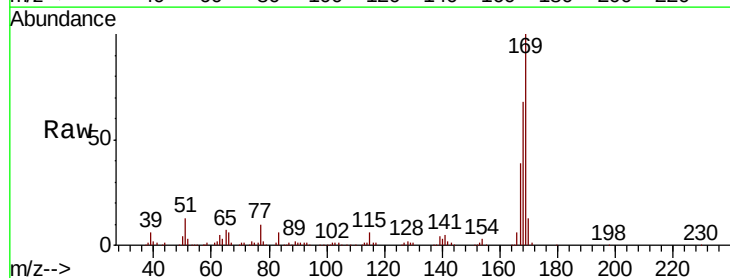
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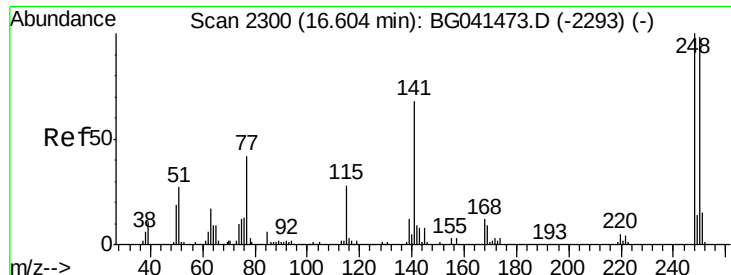
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#66
n-Nitrosodiphenylamine
Concen: 47.182 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	252705		
168	68.0	56.2	84.4	
167	39.3	31.0	46.6	





#67

4-Bromophenyl-phenylether

Concen: 45.981 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

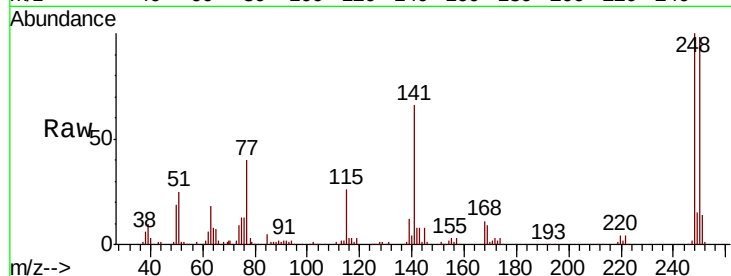
ClientSampleId :

PB121160BS

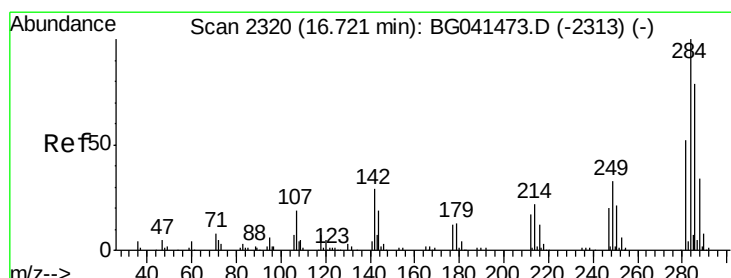
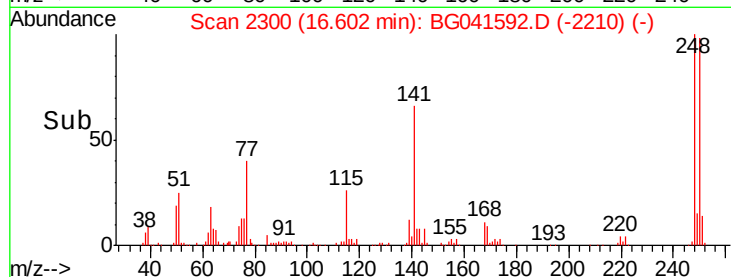
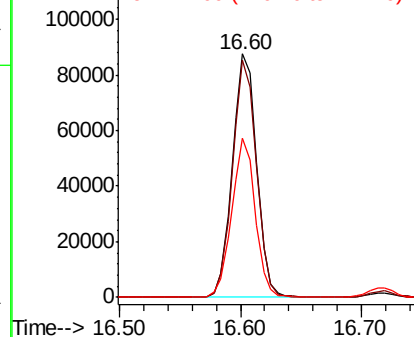
Tot Ion:	248	Resp:	122280
Ion Ratio	Lower	Upper	
248	100		
250	97.6	78.1	117.1
141	65.6	54.1	81.1

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 45.552 ng

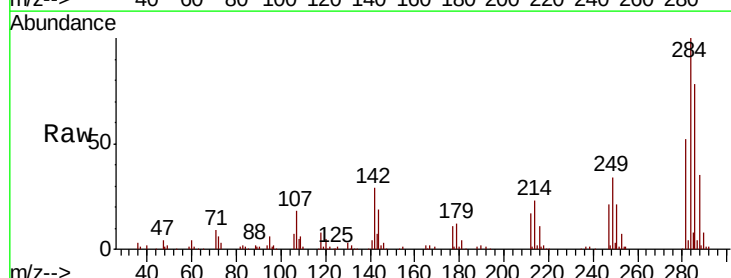
RT: 16.72 min Scan# 2320

Delta R.T. -0.00 min

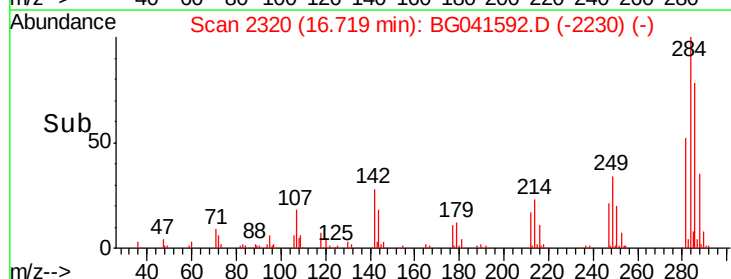
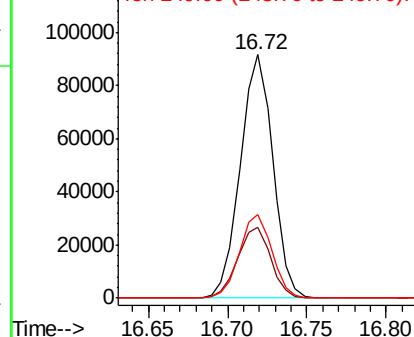
Lab File: BG041592.D

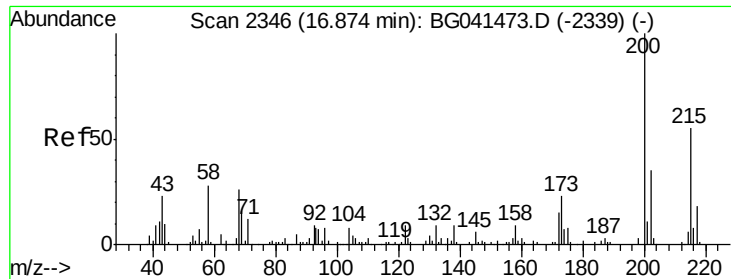
Acq: 3 Jul 2019 16:32

Tgt Ion:	284	Resp:	130520
Ion Ratio	Lower	Upper	
284	100		
142	28.9	22.9	34.3
249	34.4	26.1	39.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





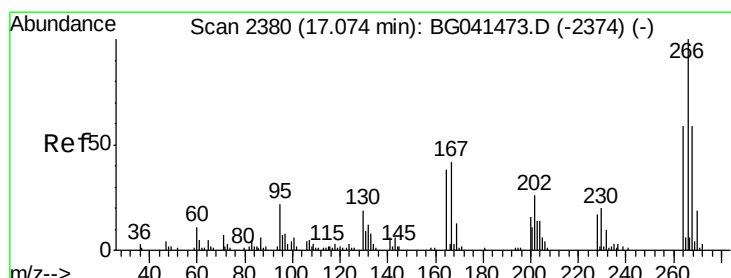
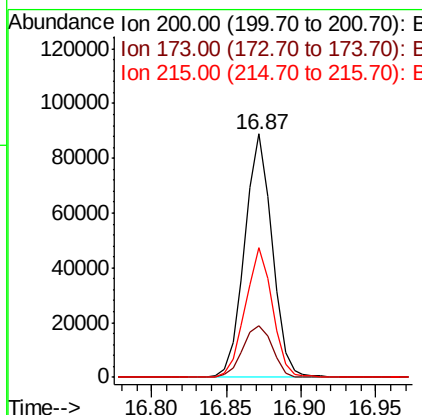
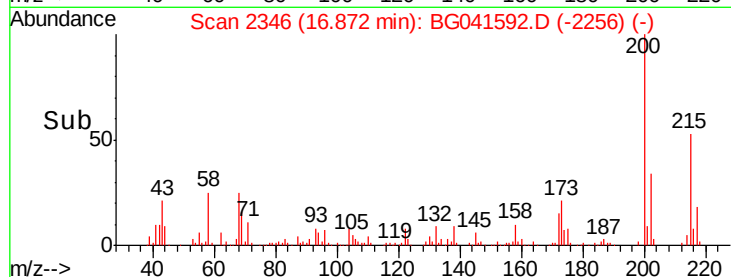
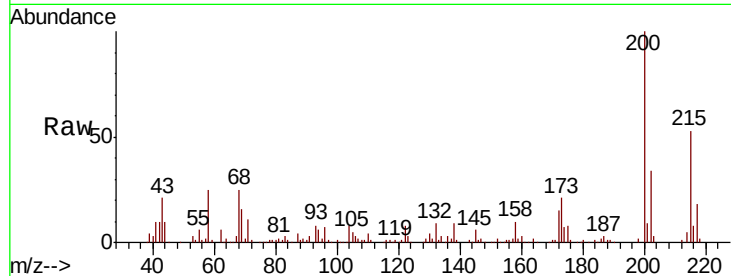
#69
 Atrazine
 Concen: 50.170 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.3	3.1	43.1
215	53.5	34.7	74.7

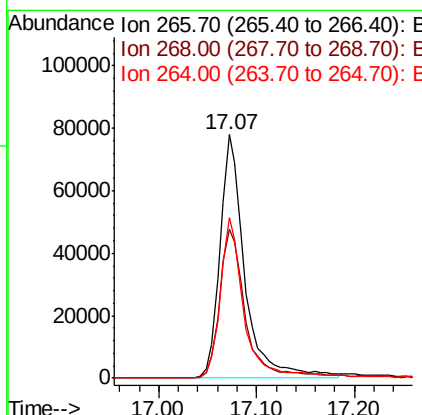
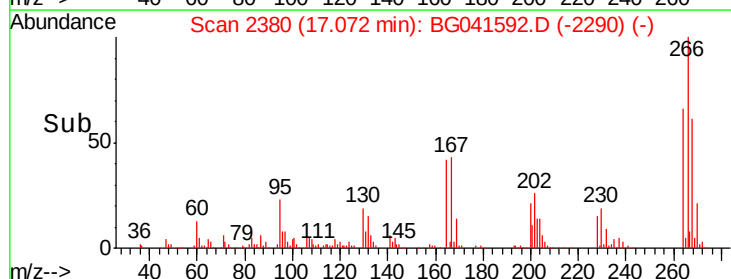
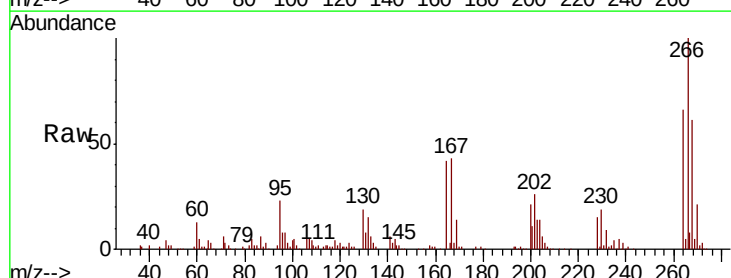
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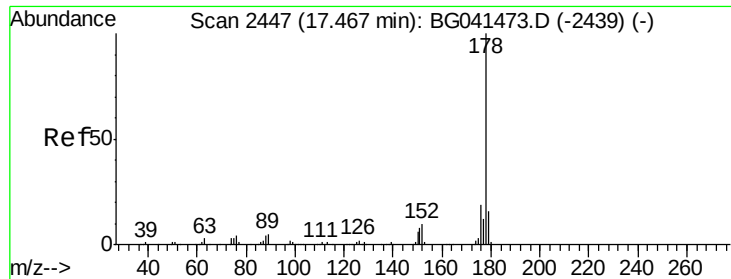
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#70
 Pentachlorophenol
 Concen: 106.196 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.2	47.0	70.4
264	65.7	47.4	71.0





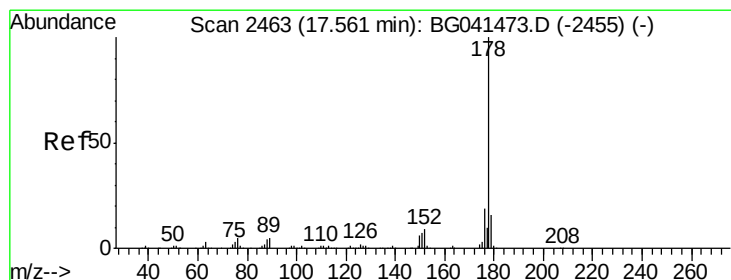
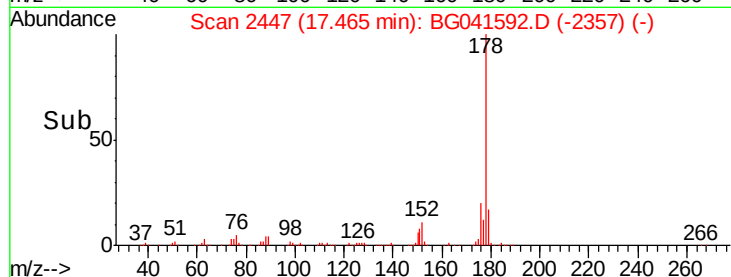
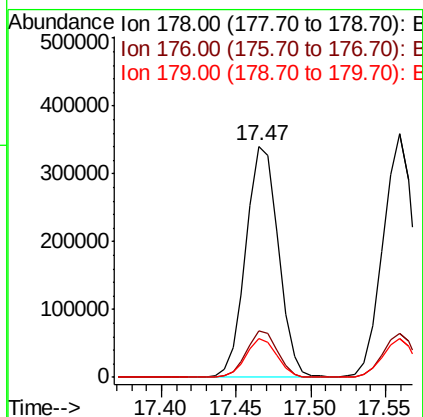
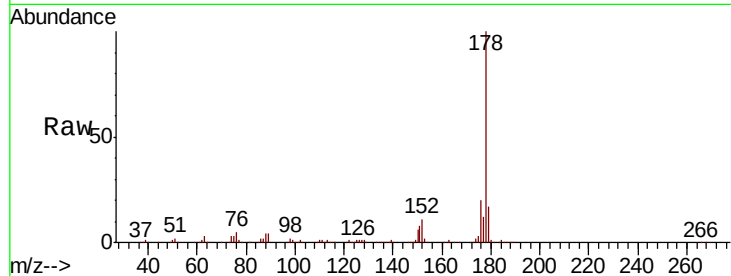
#71
 Phenanthrene
 Concen: 47.732 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.0
179	16.5	13.0	19.4

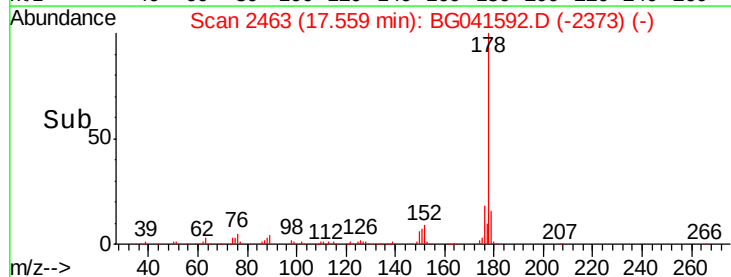
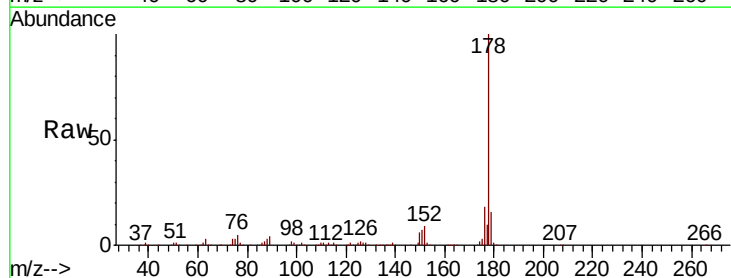
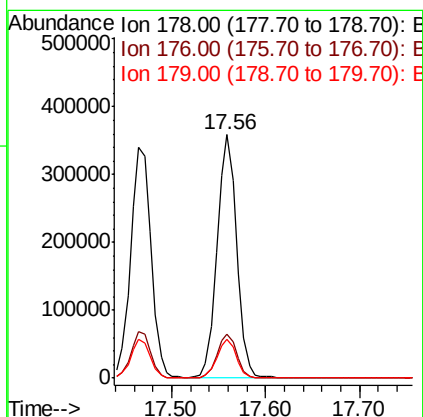
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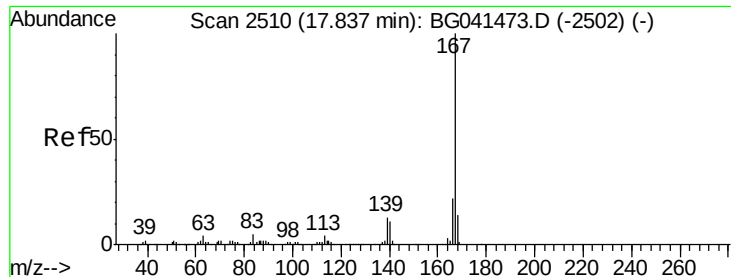
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#72
 Anthracene
 Concen: 48.748 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.8	22.2
179	16.0	12.8	19.2





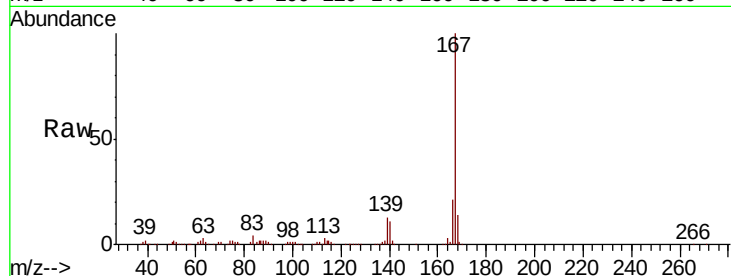
#73
 Carbazole
 Concen: 50.120 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.8	26.6
139	13.1	10.8	16.2

Manual Integrations
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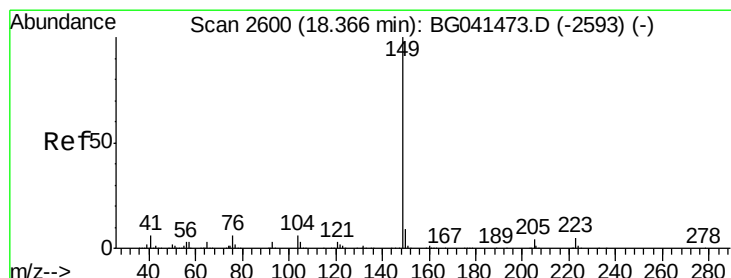
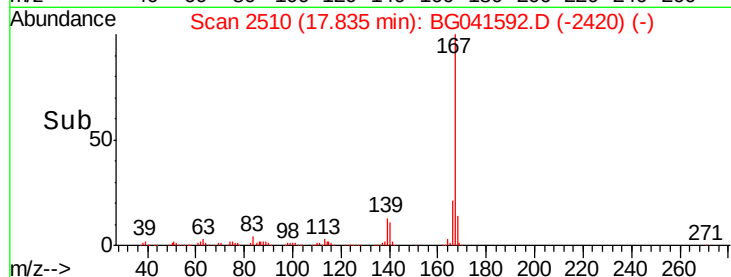
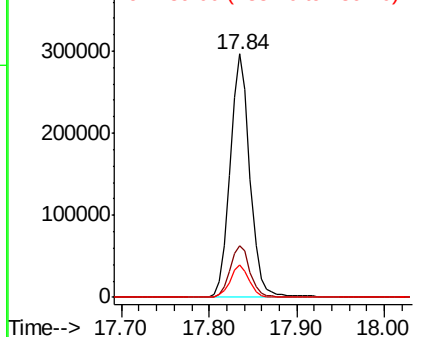


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 47.546 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

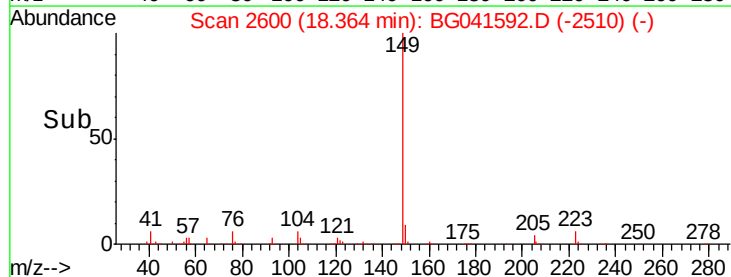
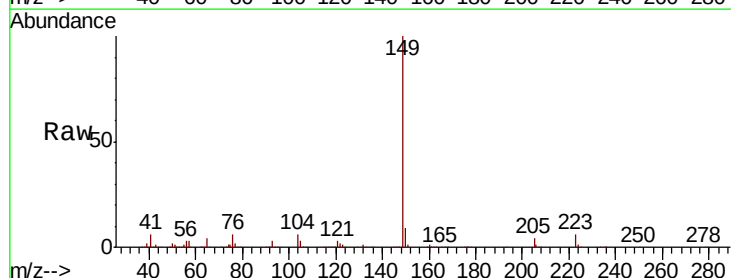
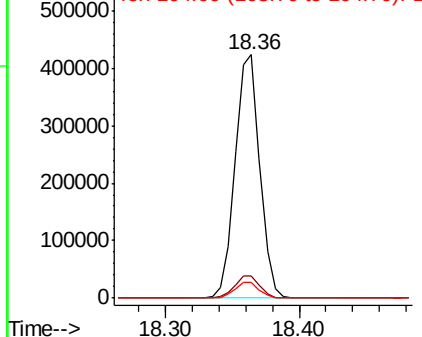
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	6.3	5.0	7.6

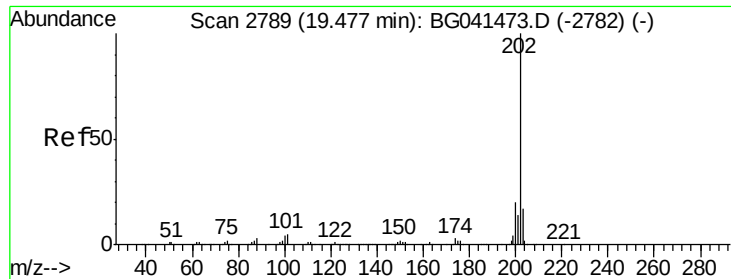
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 50.341 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

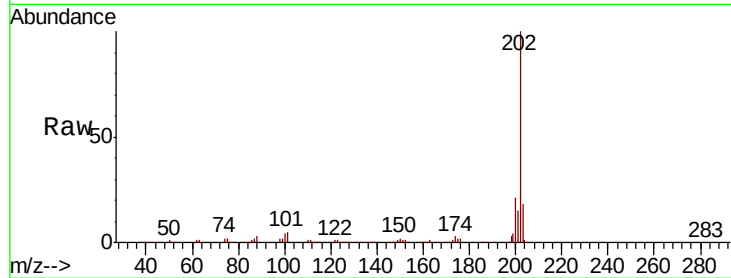
ClientSampleId :

PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	719638		
101	4.7	0.0	24.9	
203	18.3	0.0	37.5	

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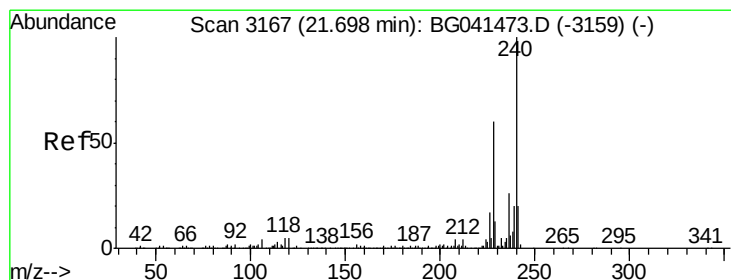
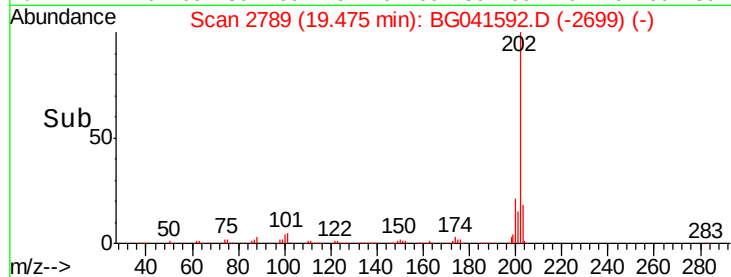
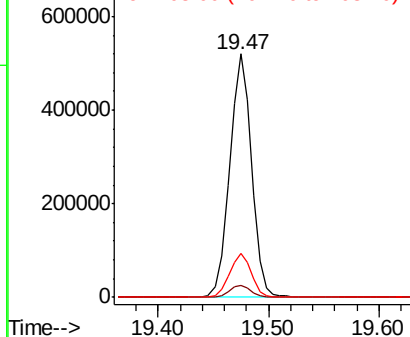


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

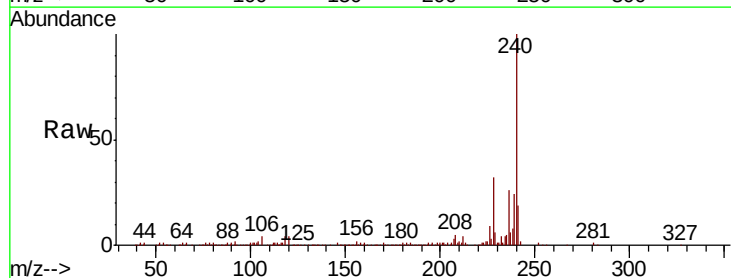
RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	221519		
120	3.5	3.7	5.5#	
236	26.1	20.8	31.2	

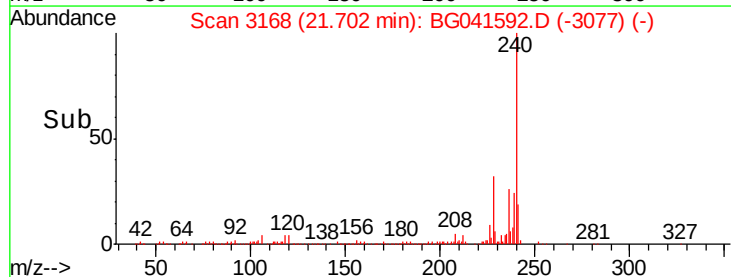
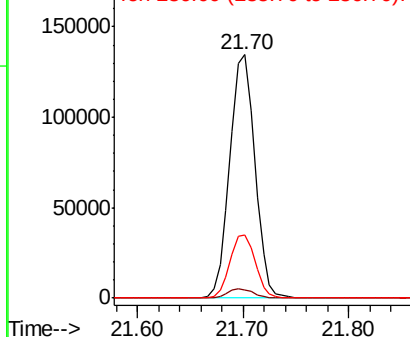


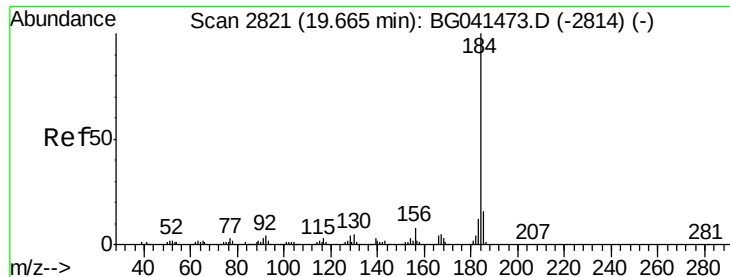
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.012 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

ClientSampleId :

PB121160BS

Tot Ion:184 Resp: 162257

Ion Ratio Lower Upper

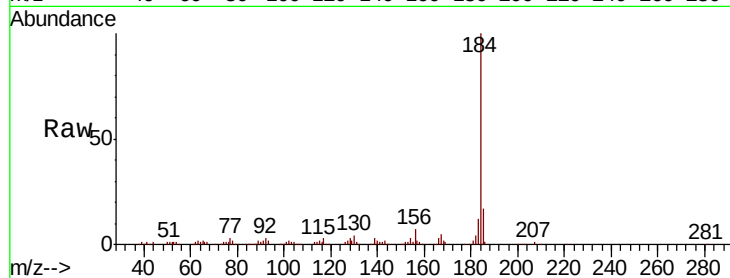
184 100

185 17.4 12.7 19.1

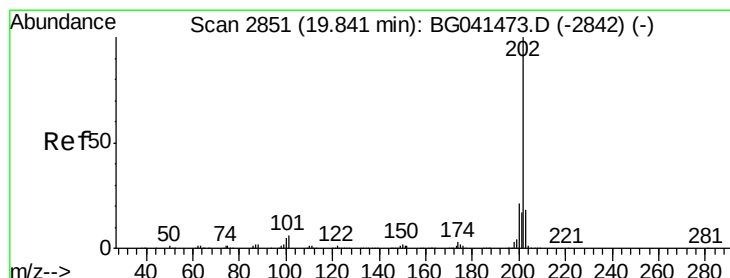
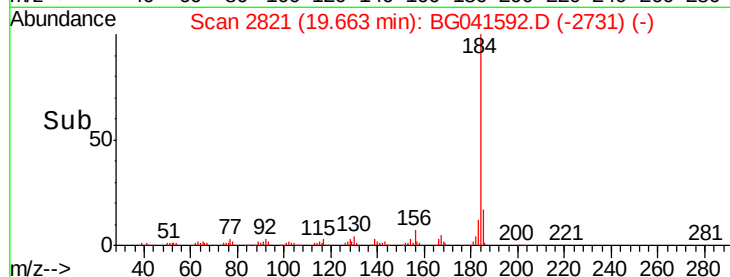
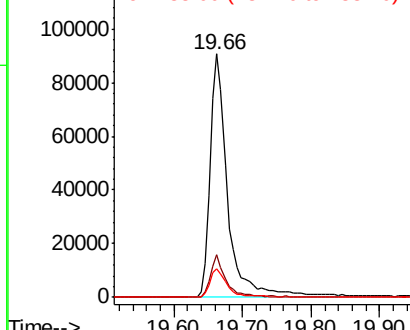
183 11.8 9.4 14.2

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



#78

Pyrene

Concen: 47.877 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

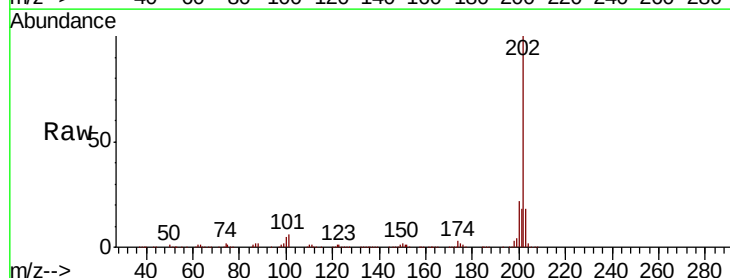
Tgt Ion:202 Resp: 724008

Ion Ratio Lower Upper

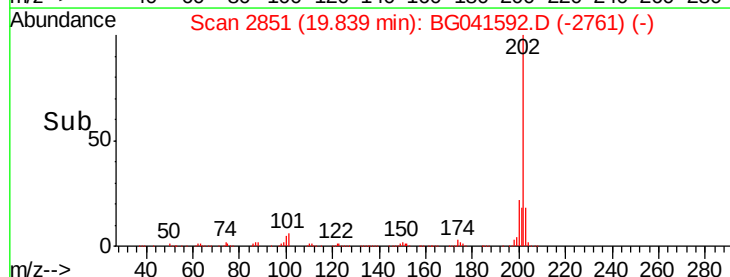
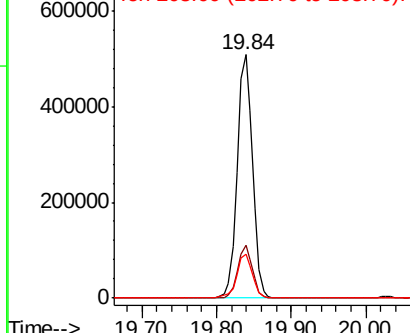
202 100

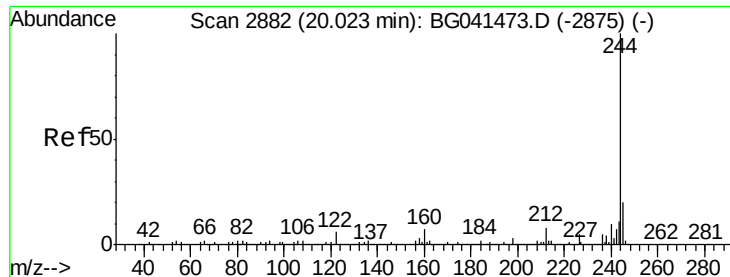
200 21.8 16.8 25.2

203 18.2 14.2 21.4



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





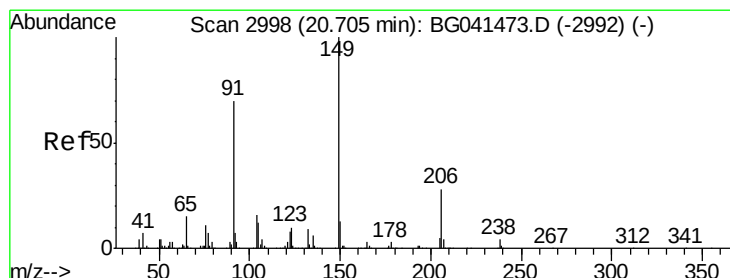
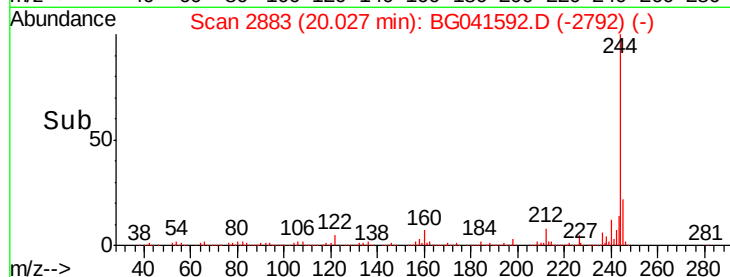
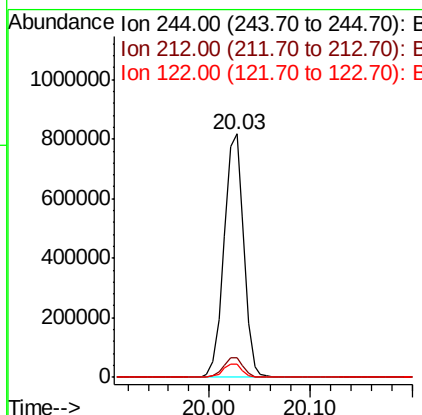
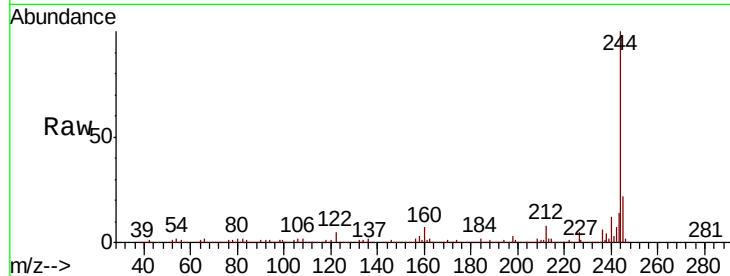
#79
 Terphenyl-d14
 Concen: 104.871 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	5.5	4.8	7.2

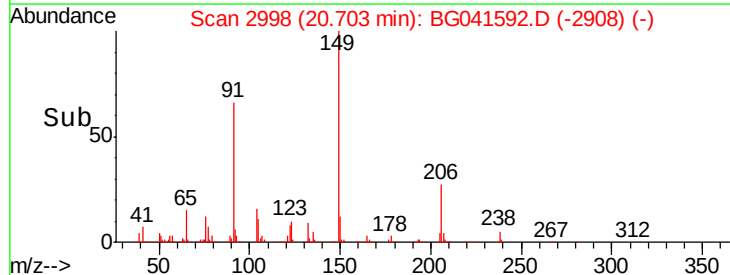
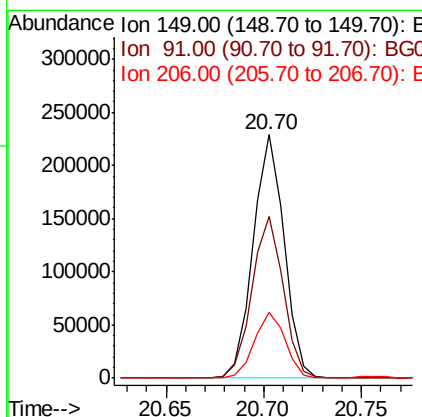
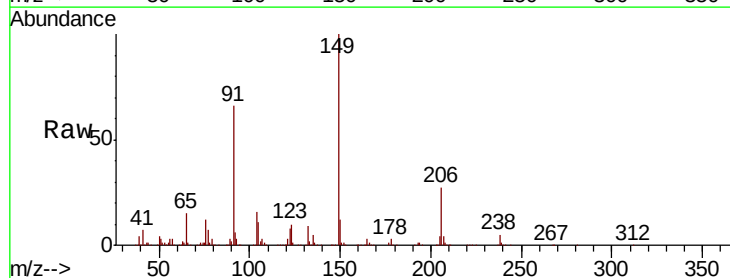
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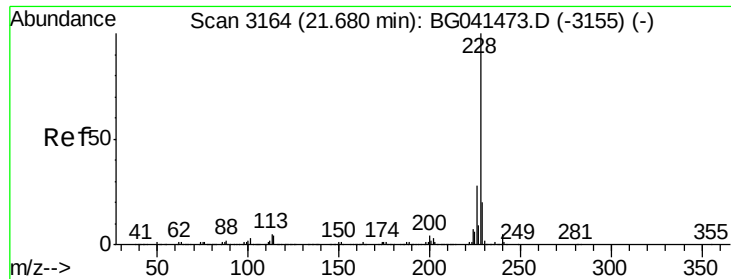
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#80
 Butylbenzylphthalate
 Concen: 44.682 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.4	55.9	83.9
206	27.1	22.1	33.1





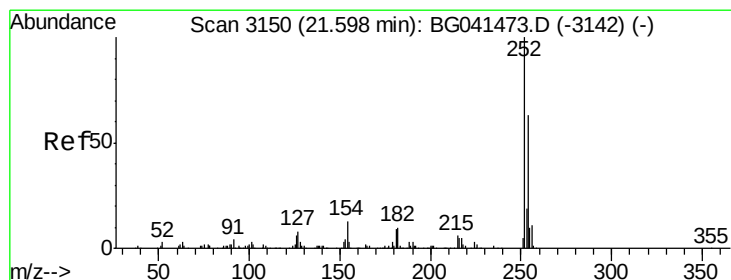
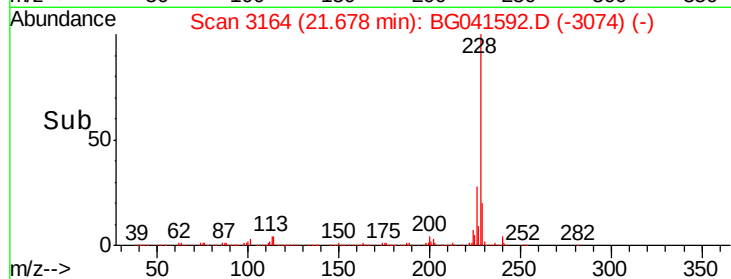
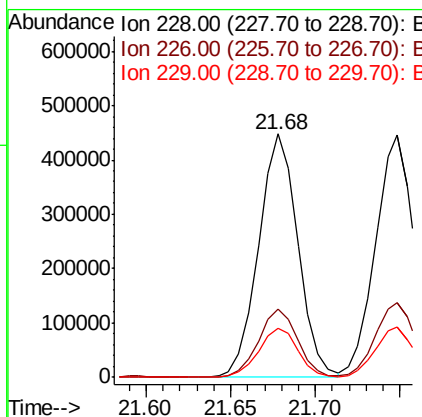
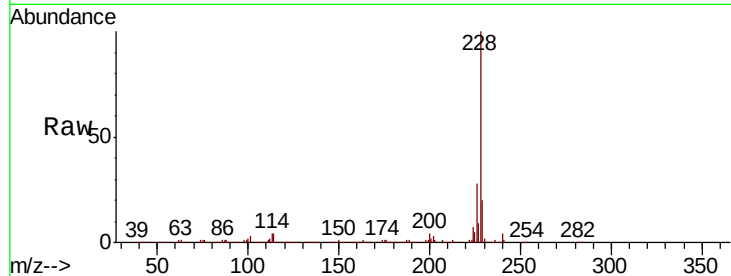
#81
Benzo(a)anthracene
Concen: 46.835 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.1	16.1	24.1

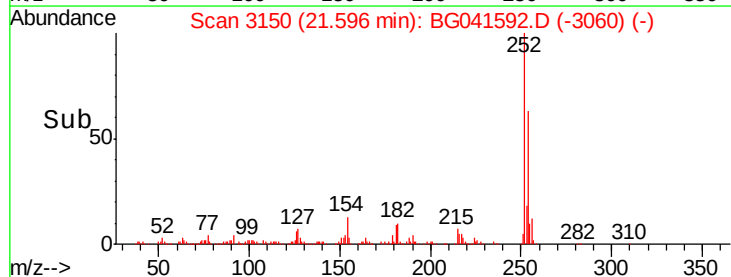
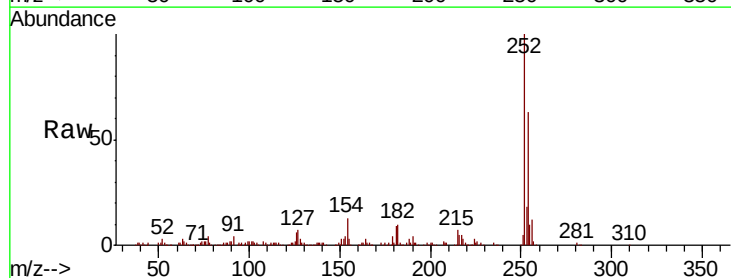
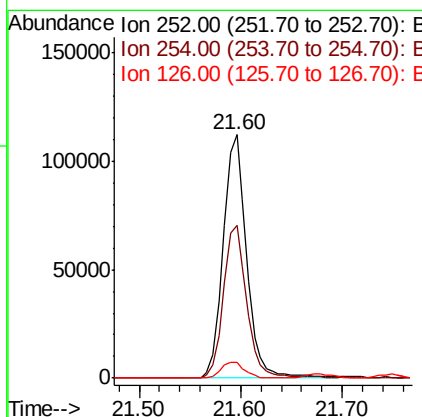
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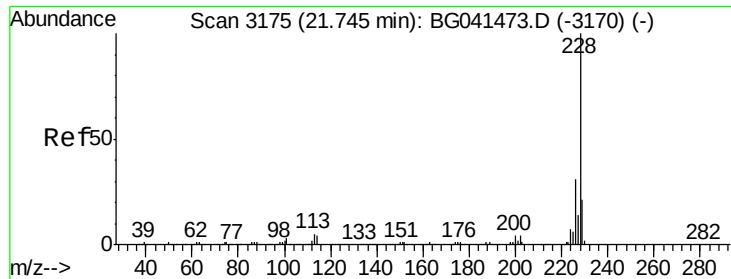
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#82
3,3'-Dichlorobenzidine
Concen: 33.823 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	6.3	4.9	7.3





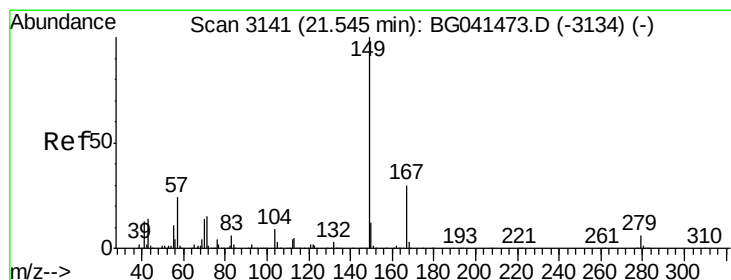
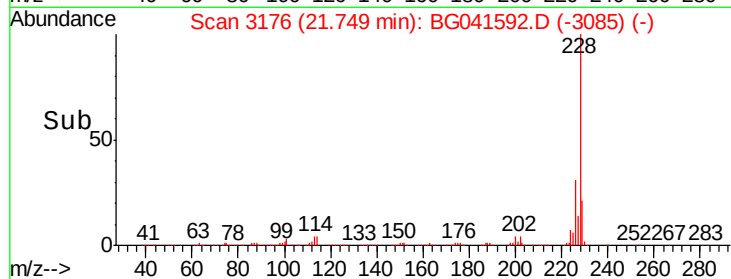
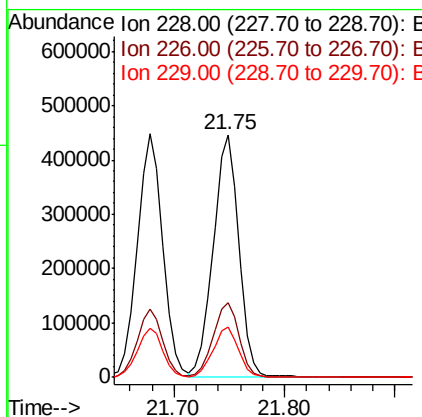
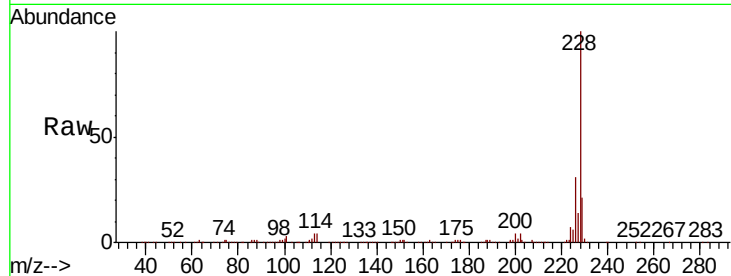
#83
 Chrysene
 Concen: 47.744 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121160BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.4
229	20.7	16.8	25.2

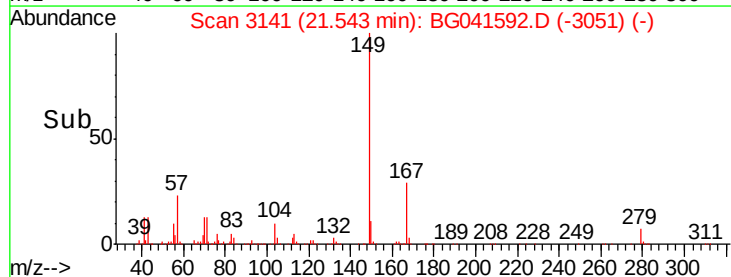
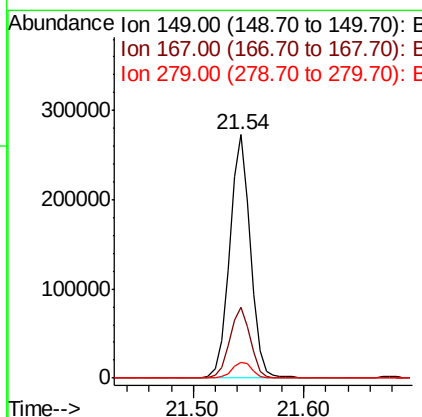
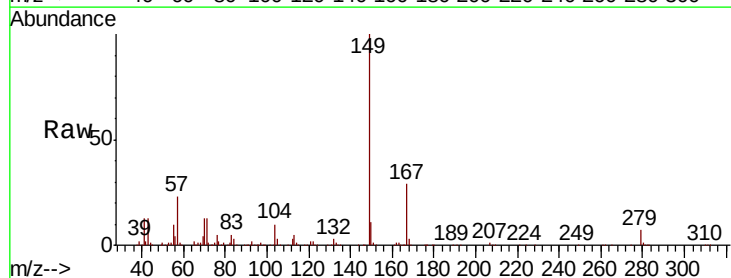
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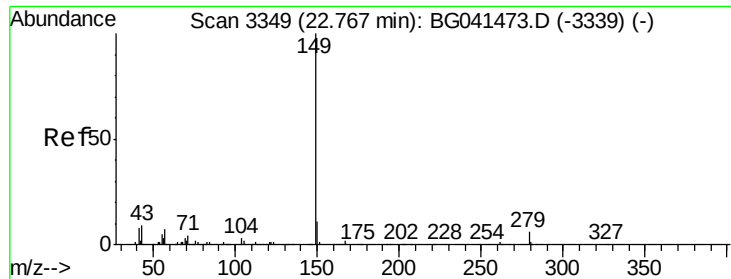
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.634 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG041592.D
 Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.6	35.4
279	6.7	5.0	7.6





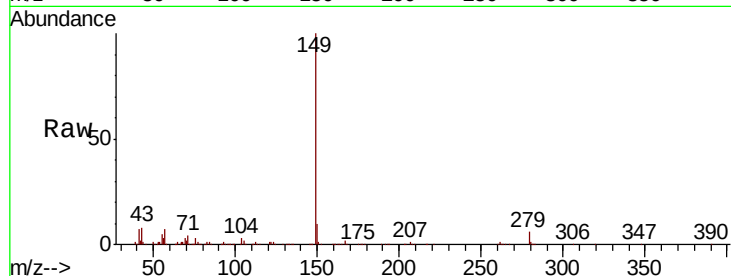
#85
Di-n-octyl phthalate
Concen: 45.838 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	621076		
167	1.8		1.4	2.2
43	8.3		7.2	10.8

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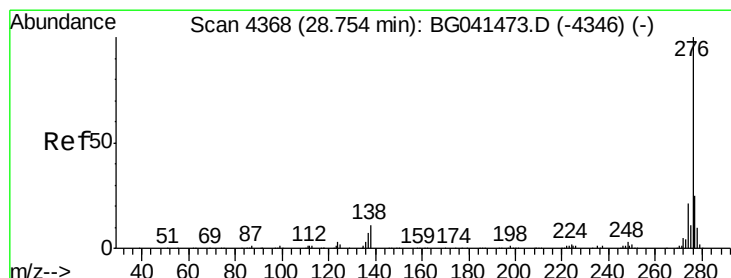
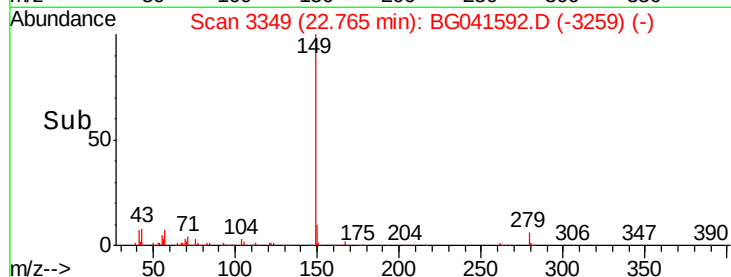
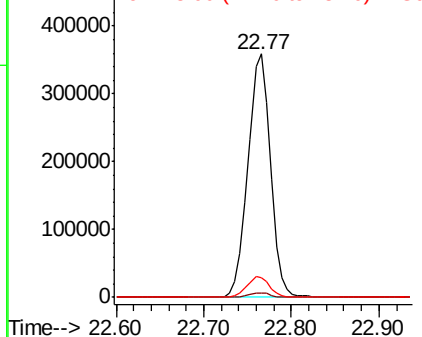


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.850 ng
RT: 28.76 min Scan# 4370
Delta R.T. 0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

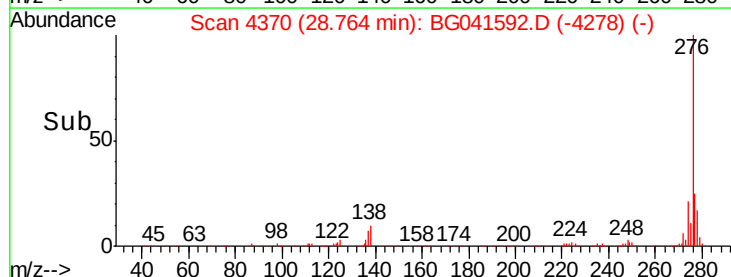
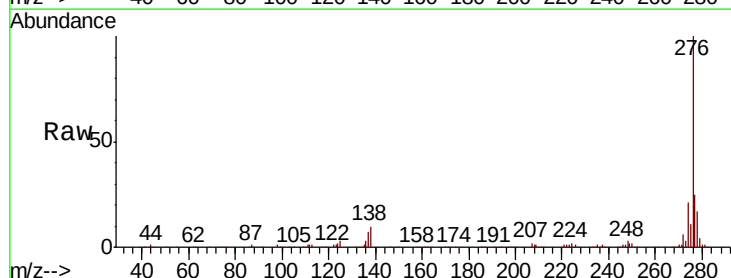
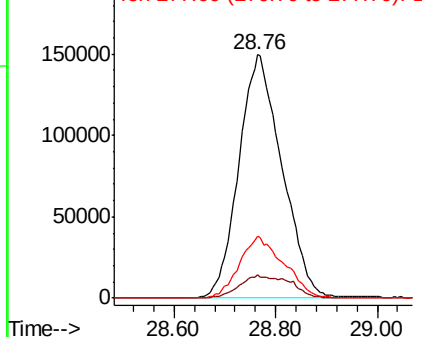
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	881787		
138	11.1		4.9	7.3#
277	26.0		20.4	30.6

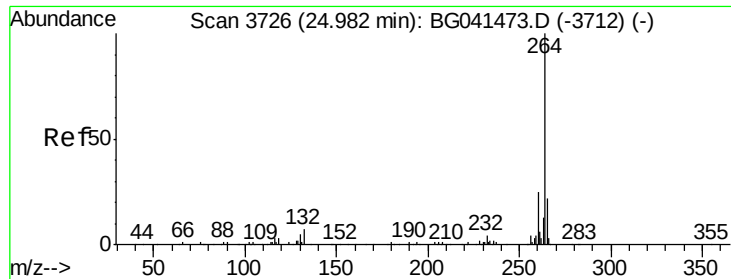
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

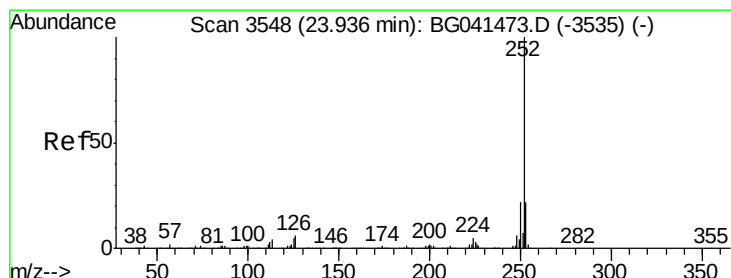
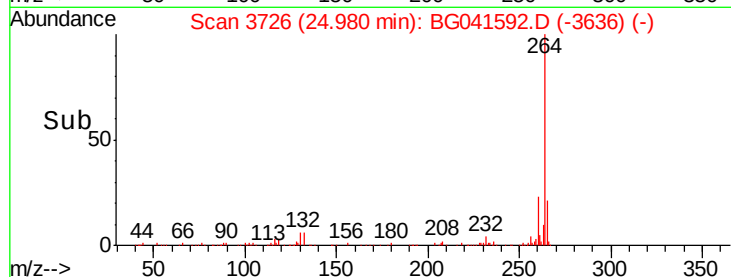
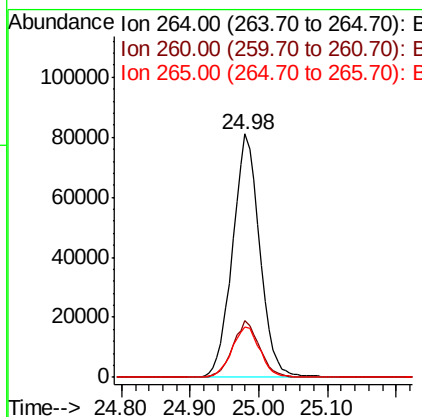
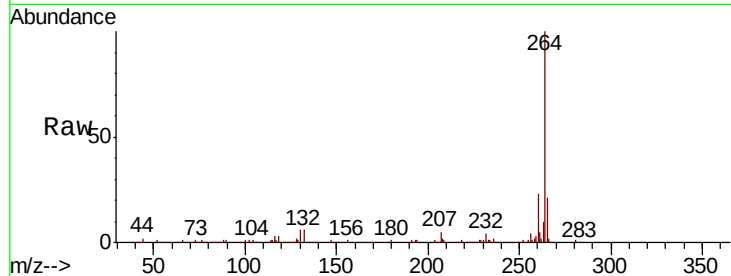
ClientSampled :

PB121160BS

Tot Ion:	264	Resp:	222624
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.7	29.5
265	20.7	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 52.324 ng

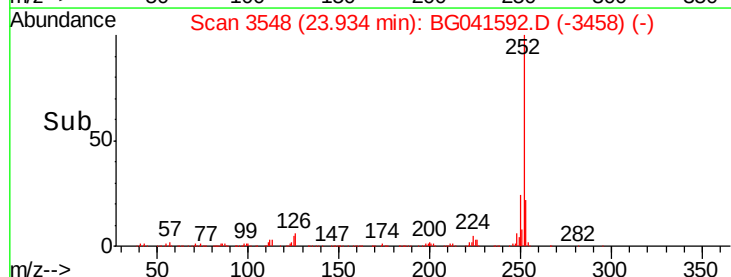
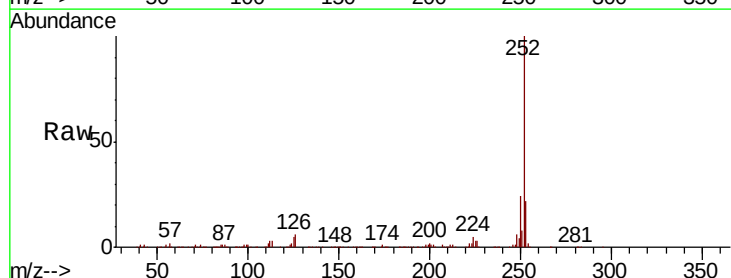
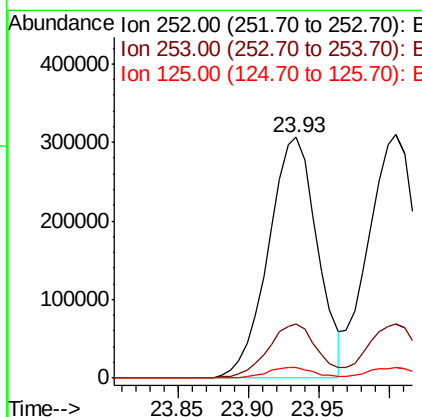
RT: 23.93 min Scan# 3548

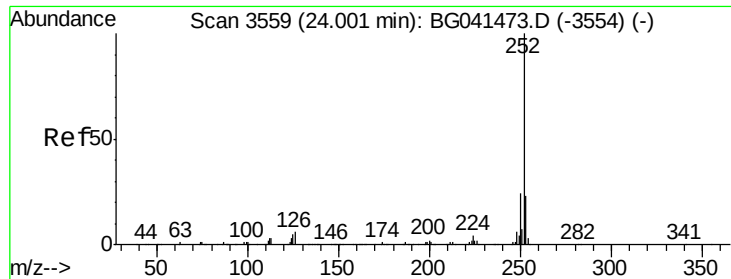
Delta R.T. -0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion:	252	Resp:	742973
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	4.5	3.8	5.8





#89

Benzo(k)fluoranthene

Concen: 52.886 ng

RT: 24.00 min Scan# 3560

Delta R.T. 0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Instrument :

BNA_G

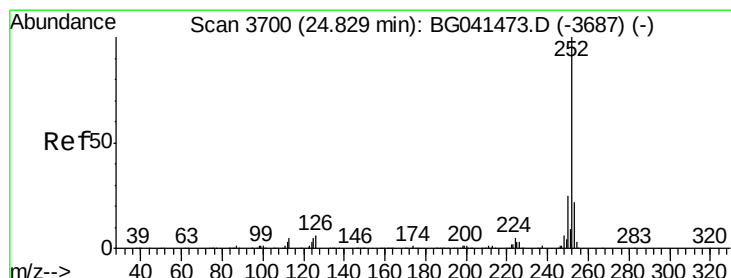
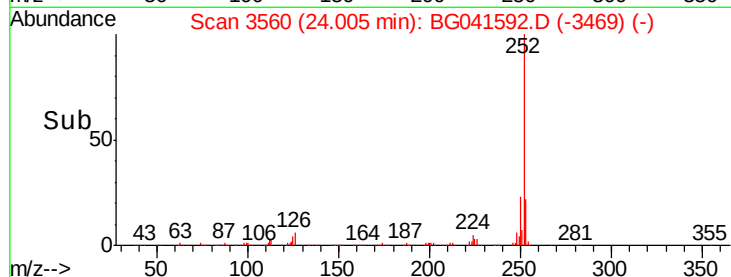
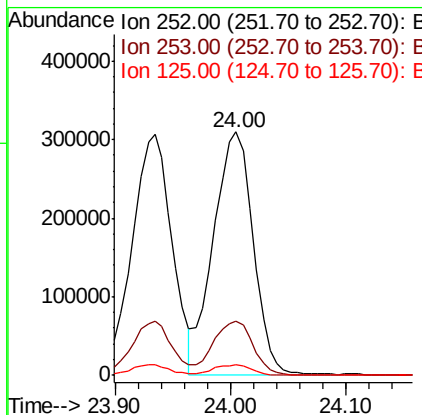
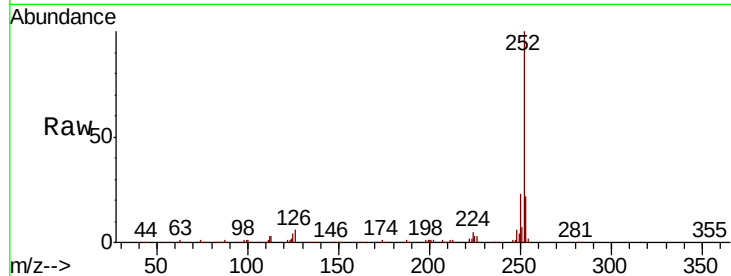
ClientSampleId :

PB121160BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		737274		
253	22.2	18.3	27.5		
125	4.4	4.0	6.0		

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#90

Benzo(a)pyrene

Concen: 54.470 ng

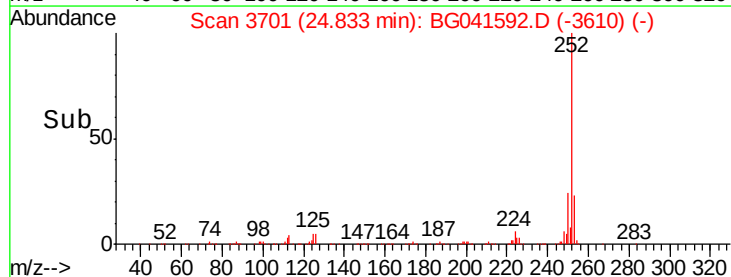
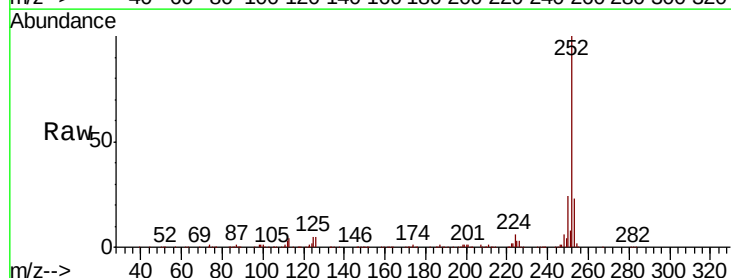
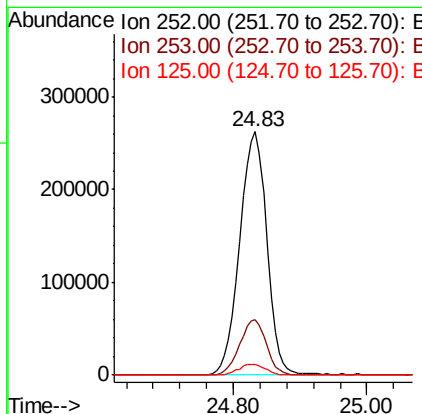
RT: 24.83 min Scan# 3701

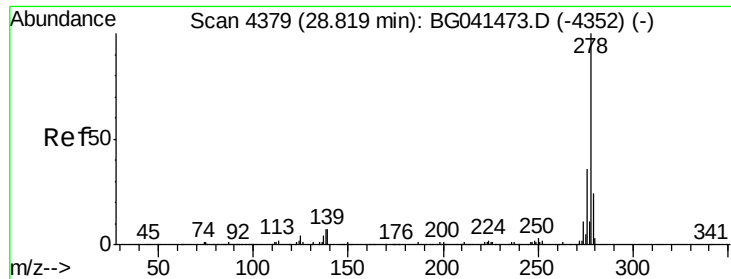
Delta R.T. 0.00 min

Lab File: BG041592.D

Acq: 3 Jul 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		734581		
253	22.9	17.5	26.3		
125	4.6	4.4	6.6		





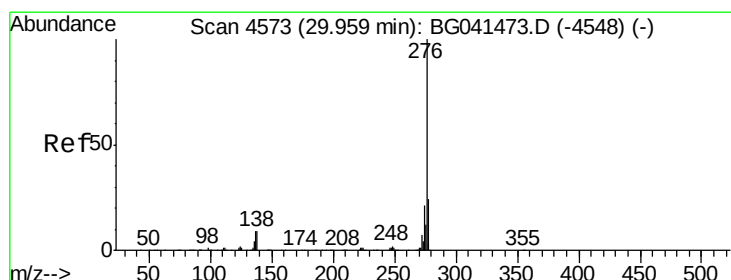
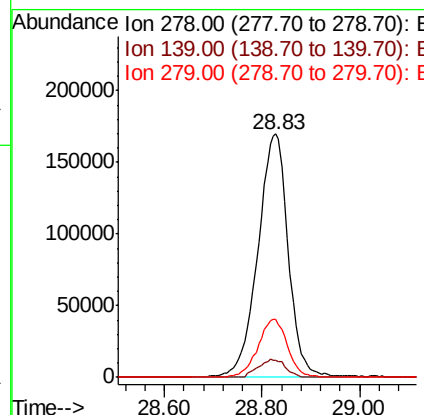
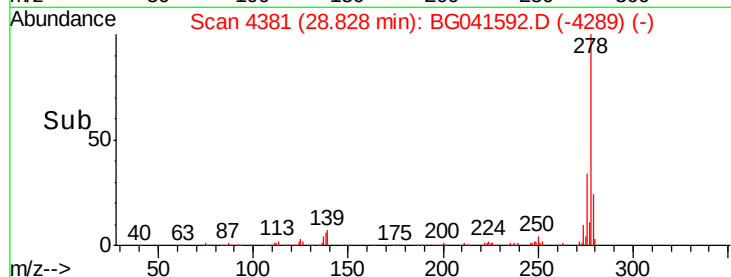
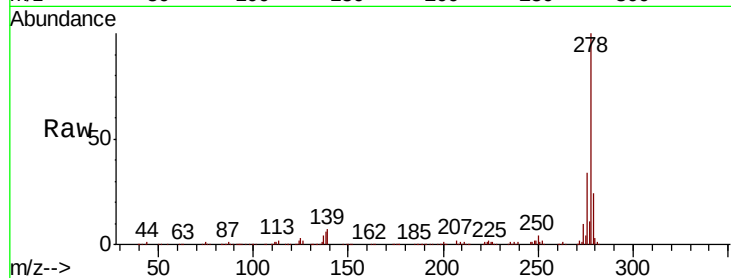
#91
Dibenzo(a,h)anthracene
Concen: 54.525 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.01 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Instrument :
BNA_G
ClientSampleId :
PB121160BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.8	5.9	8.9
279	24.0	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/5/2019 8:42:57 AM



#92
Benzo(g,h,i)perylene
Concen: 55.189 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.00 min
Lab File: BG041592.D
Acq: 3 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.4	29.2
138	9.3	7.6	11.4

