

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
 Data File : BG041158.D
 Acq On : 10 Jun 2019 10:24
 Operator : HP/JU
 Sample : PB120413BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:39:46 AM

Quant Time: Jun 11 13:53:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42846	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	172817	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	127156	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	320377	20.00	ng	0.00
76) Chrysene-d12	21.76	240	323247	20.00	ng	0.00
87) Perylene-d12	25.09	264	345560	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	361500	152.14	ng	0.00
7) Phenol-d6	7.26	99	532179	145.02	ng	0.00
23) Nitrobenzene-d5	9.29	82	364294	93.58	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	283769	150.32	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	863458	97.79	ng	0.00
79) Terphenyl-d14	20.08	244	1458175	95.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	35985	33.374	ng	# 82
3) Pyridine	3.91	79	104316	32.696	ng	95
4) n-Nitrosodimethylamine	3.83	42	60786	41.052	ng	# 85
6) Aniline	7.43	93	85786	17.514	ng	100
8) 2-Chlorophenol	7.67	128	132628	46.820	ng	94
9) Benzaldehyde	7.24	77	44793	20.462	ng	94
10) Phenol	7.29	94	176308	44.810	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	113075	39.615	ng	99
12) 1,3-Dichlorobenzene	7.99	146	133567	39.478	ng	96
13) 1,4-Dichlorobenzene	8.14	146	135265	39.497	ng	98
14) 1,2-Dichlorobenzene	8.46	146	132822	39.944	ng	99
15) Benzyl Alcohol	8.34	79	144967	42.706	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	179790	38.547	ng	99
17) 2-Methylphenol	8.54	107	124699	43.772	ng	99
18) Hexachloroethane	9.19	117	52090	39.464	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	112172	39.721	ng	97
20) 3+4-Methylphenols	8.87	107	169454	42.942	ng	98
22) Acetophenone	8.94	105	215748	44.504	ng	97
24) Nitrobenzene	9.33	77	177029	44.624	ng	99
25) Isophorone	9.84	82	322174	43.488	ng	98
26) 2-Nitrophenol	10.04	139	80145	49.005	ng	94
27) 2,4-Dimethylphenol	10.08	122	139057	51.483	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	173143	43.302	ng	97
29) 2,4-Dichlorophenol	10.57	162	159292	46.441	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	169175	43.357	ng	97
31) Naphthalene	10.98	128	414025	44.621	ng	100
32) Benzoic acid	10.23	122	90404m	43.884	ng	
33) 4-Chloroaniline	11.09	127	44866	10.421	ng	97
34) Hexachlorobutadiene	11.24	225	123372	41.323	ng	98
35) Caprolactam	11.89	113	47995m	42.373	ng	
36) 4-Chloro-3-methylphenol	12.20	107	177438	45.296	ng	97
37) 2-Methylnaphthalene	12.57	142	324145	45.359	ng	99
38) 1-Methylnaphthalene	12.79	142	305191m	45.320	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	233986	45.655	ng	# 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
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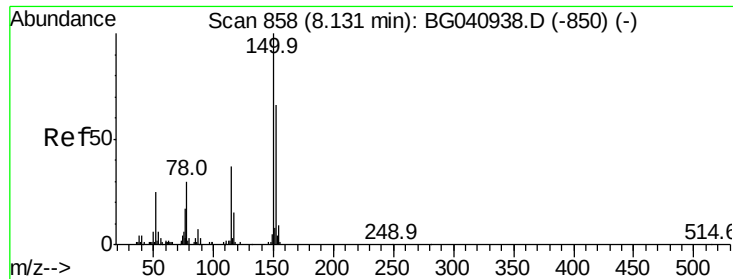
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	279076	99.107	nq	100
43) 2,4,6-Trichlorophenol	13.17	196	154599	46.630	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	160737	45.969	nq	98
46) 1,1'-Biphenyl	13.57	154	437800	46.513	nq	97
47) 2-Chloronaphthalene	13.62	162	364796	45.146	nq	99
48) 2-Nitroaniline	13.83	65	128369	44.283	nq	99
49) Acenaphthylene	14.47	152	560783	46.112	nq	99
50) Dimethylphthalate	14.18	163	473252	43.967	nq	99
51) 2,6-Dinitrotoluene	14.32	165	105867	45.617	nq	97
52) Acenaphthene	14.81	154	326963	44.380	nq	97
53) 3-Nitroaniline	14.65	138	48667	20.971	nq	95
54) 2,4-Dinitrophenol	14.85	184	107610	86.111	nq	96
55) Dibenzofuran	15.14	168	569819	45.966	nq	100
56) 4-Nitrophenol	14.95	139	158583	99.626	nq	97
57) 2,4-Dinitrotoluene	15.10	165	152237	46.438	nq	# 98
58) Fluorene	15.78	166	442893	44.861	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.35	232	163756	47.655	nq	100
60) Diethylphthalate	15.54	149	477179	43.440	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	287254	44.765	nq	95
62) 4-Nitroaniline	15.82	138	103133	41.978	nq	97
63) Azobenzene	16.06	77	446564	44.728	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	84396	48.952	nq	95
66) n-Nitrosodiphenylamine	15.99	169	408390	45.346	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	183464	42.433	nq	98
68) Hexachlorobenzene	16.77	284	193149	41.953	nq	100
69) Atrazine	16.93	200	171698	49.408	nq	98
70) Pentachlorophenol	17.13	266	217621	87.798	nq	97
71) Phenanthrene	17.53	178	758538	45.454	nq	99
72) Anthracene	17.61	178	775453	47.115	nq	99
73) Carbazole	17.89	167	664440	47.049	nq	99
74) Di-n-butylphthalate	18.42	149	790763	45.052	nq	99
75) Fluoranthene	19.53	202	980420	47.565	nq	100
77) Benzidine	19.71	184	147963	19.188	nq	97
78) Pyrene	19.89	202	983928	46.824	nq	99
80) Butylbenzylphthalate	20.75	149	371364	45.413	nq	98
81) Benzo(a)anthracene	21.74	228	953227	44.300	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	152689	20.175	nq	98
83) Chrysene	21.81	228	939273	45.615	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	522774	45.413	nq	99
85) Di-n-octyl phthalate	22.84	149	888292	46.333	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1105810	43.840	nq	# 98
88) Benzo(b)fluoranthene	24.02	252	964503	46.018	nq	99
89) Benzo(k)fluoranthene	24.09	252	960659	46.317	nq	99
90) Benzo(a)pyrene	24.93	252	947252	47.370	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	910350	45.561	nq	99
92) Benzo(g,h,i)perylene	30.11	276	892614	45.982	nq	97

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



#1

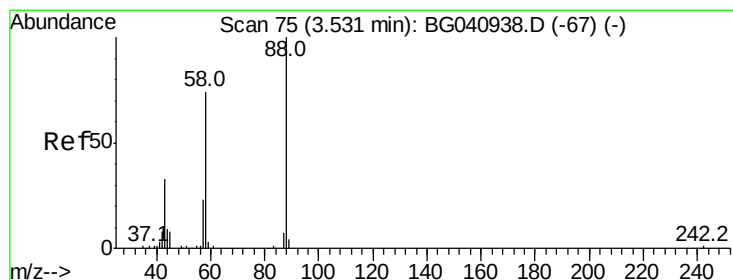
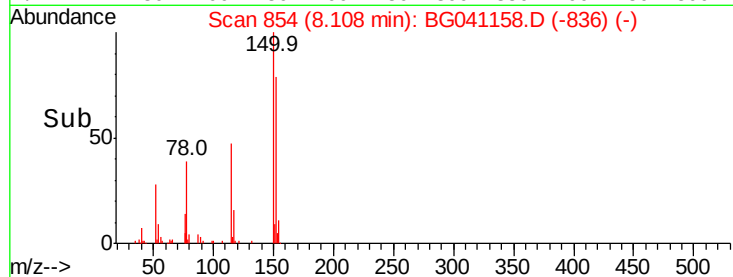
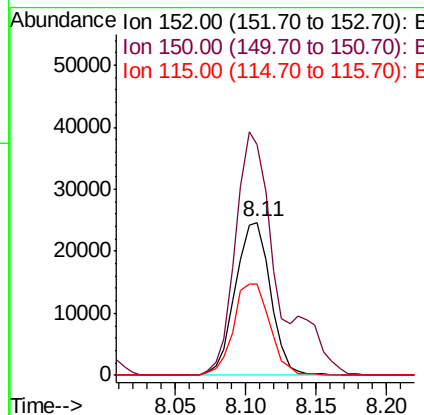
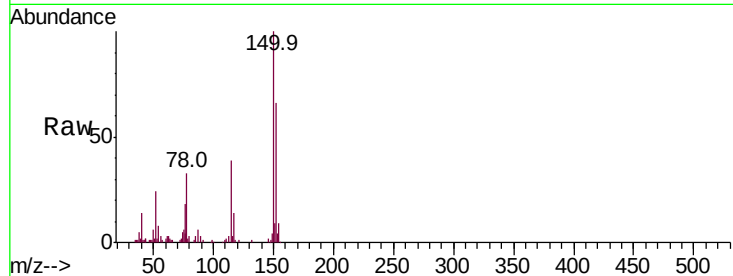
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampled :
PB120413BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	120.6	180.8
115	59.4	45.1	67.7

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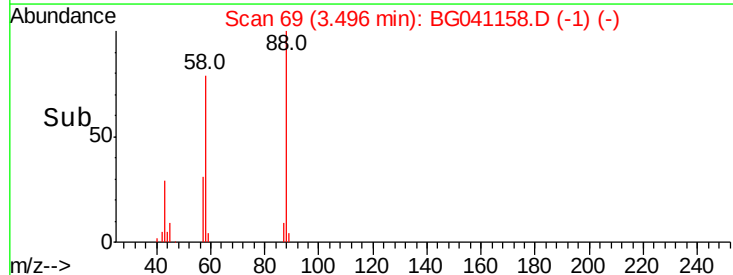
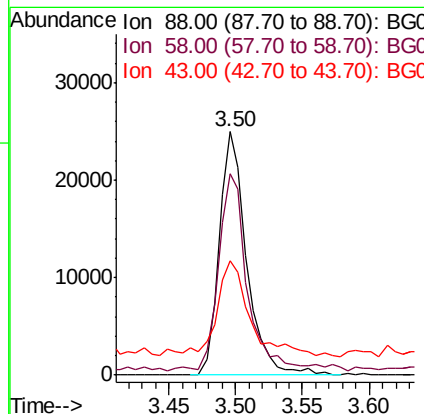
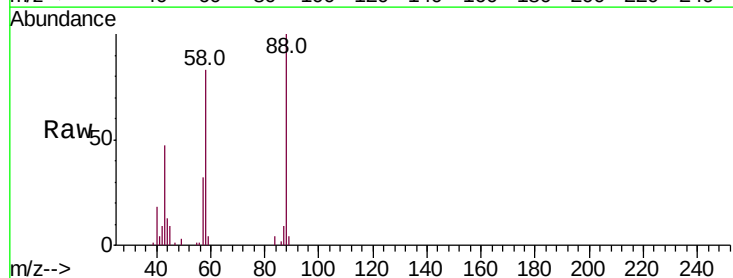
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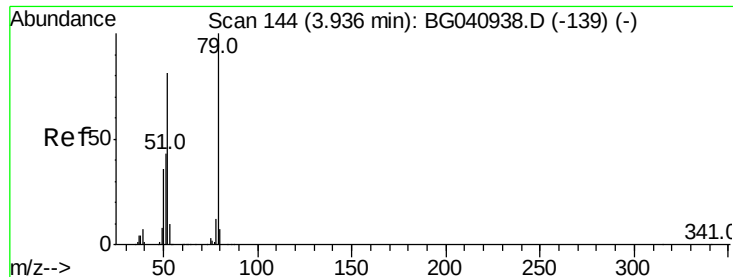


#2

1,4-Dioxane
Concen: 33.374 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	59.0	88.6
43	47.0	27.2	40.8





#3

Pvridine

Concen: 32.696 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

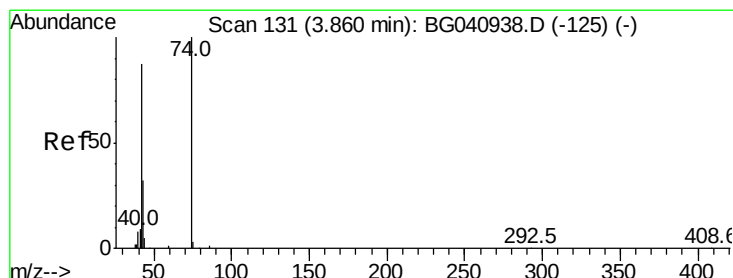
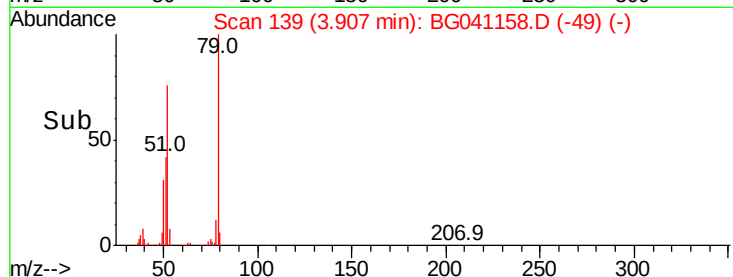
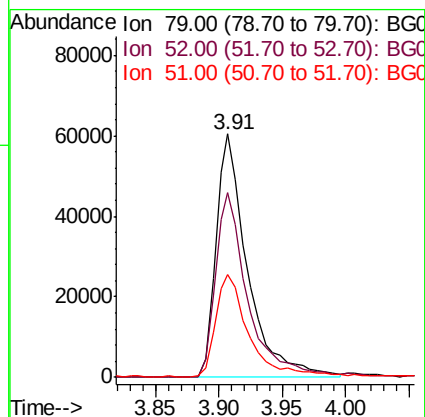
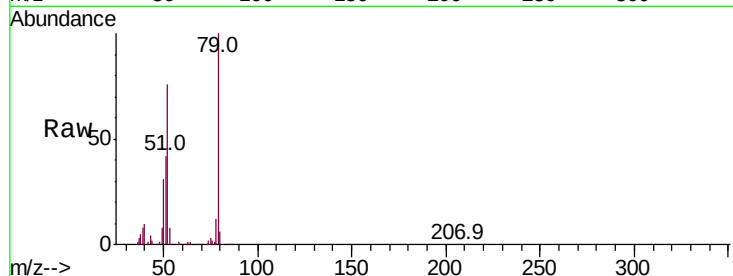
ClientSampleId :

PB120413BS

Tot Ion	79	Resp	104316
Ion	Ratio	Lower	Upper
79	100		
52	75.9	64.8	97.2
51	42.2	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 41.052 ng

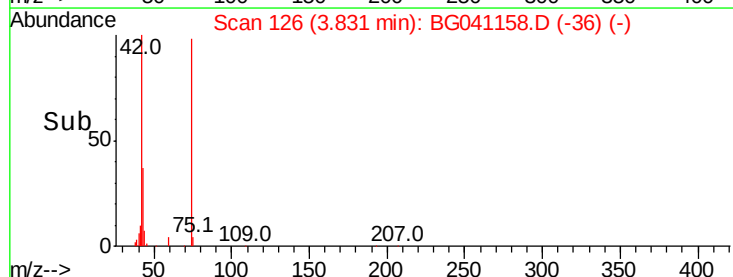
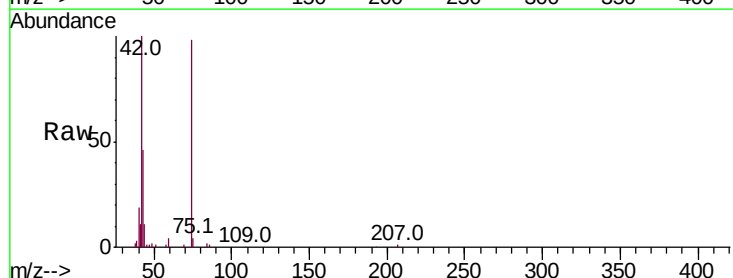
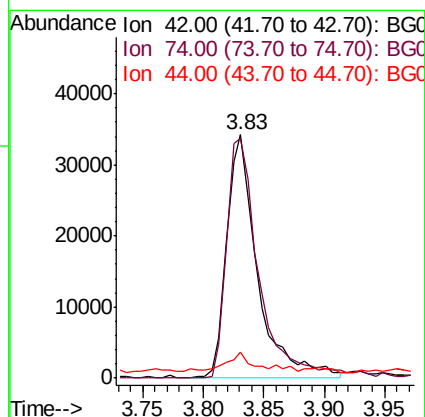
RT: 3.83 min Scan# 126

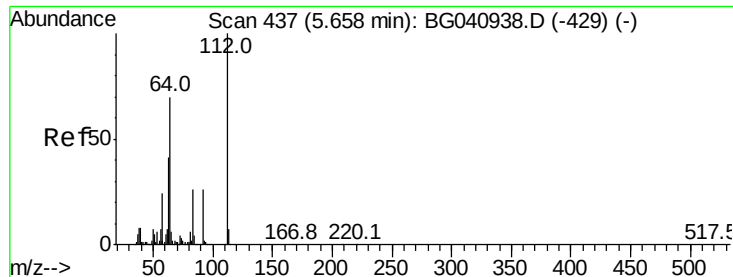
Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion	42	Resp	60786
Ion	Ratio	Lower	Upper
42	100		
74	98.3	91.8	137.6
44	10.9	6.0	9.0#





#5

2-Fluorophenol

Concen: 152.140 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

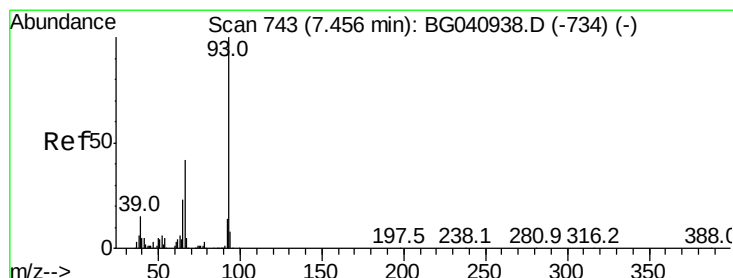
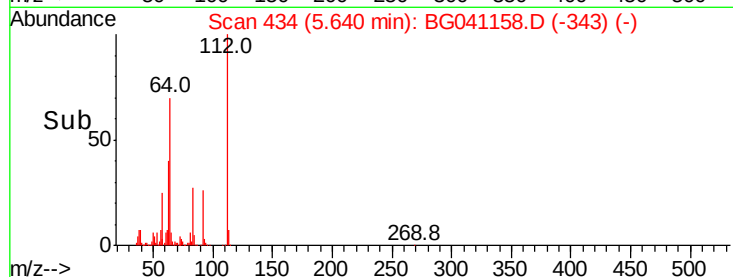
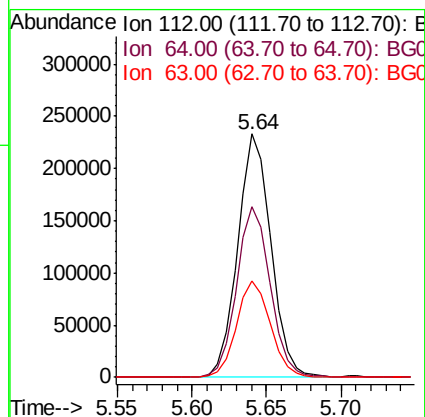
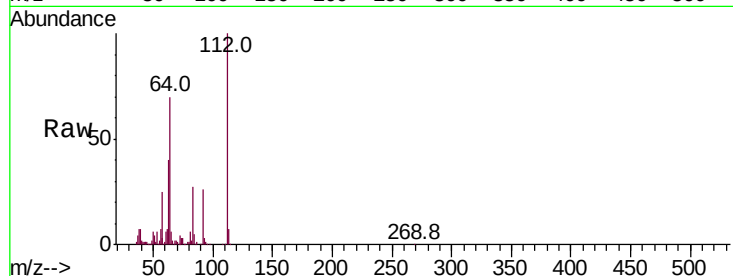
ClientSampleId :

PB120413BS

Tot Ion:	112	Resp:	361500
Ion Ratio	Lower	Upper	
112	100		
64	70.1	56.2	84.2
63	39.7	32.8	49.2

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#6

Aniline

Concen: 17.514 ng

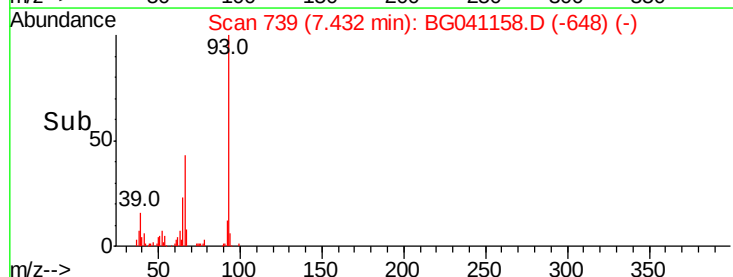
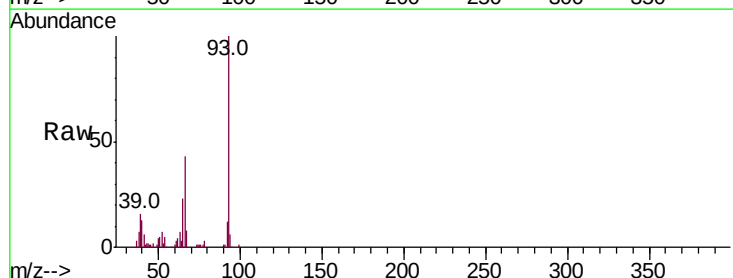
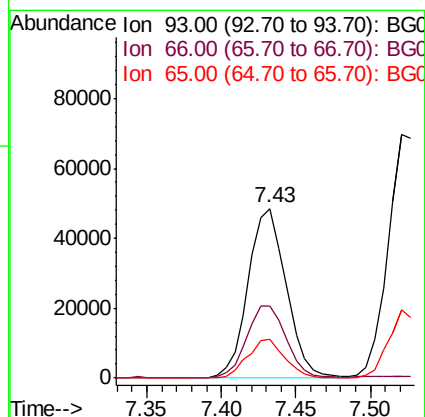
RT: 7.43 min Scan# 739

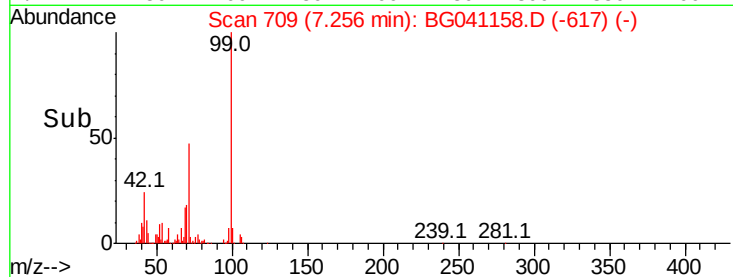
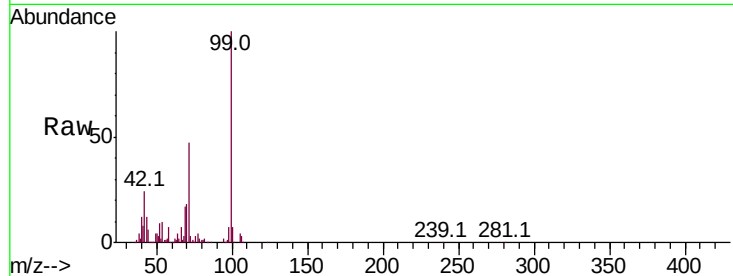
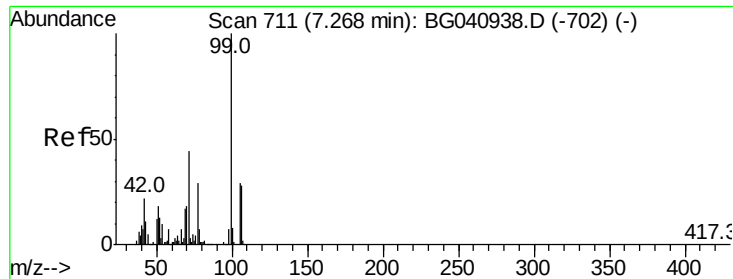
Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	93	Resp:	85786
Ion Ratio	Lower	Upper	
93	100		
66	42.7	33.8	50.8
65	22.9	18.3	27.5





#7

Phenol-d6

Concen: 145.023 ng

RT: 7.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	23.6	17.9	26.9	
71	46.6	35.4	53.0	

Instrument :

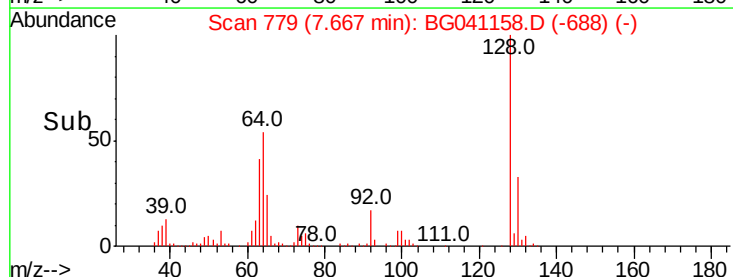
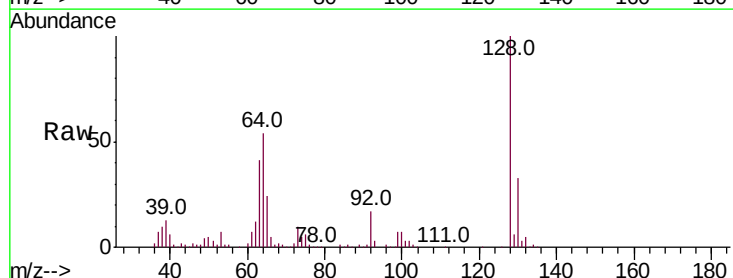
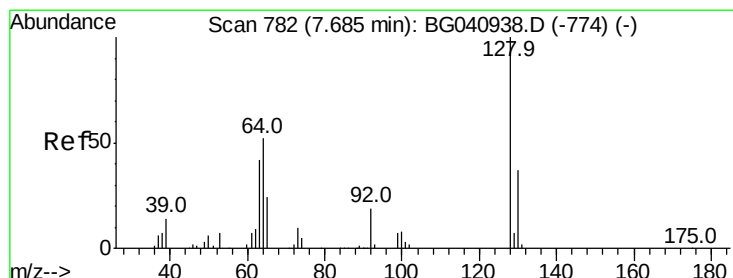
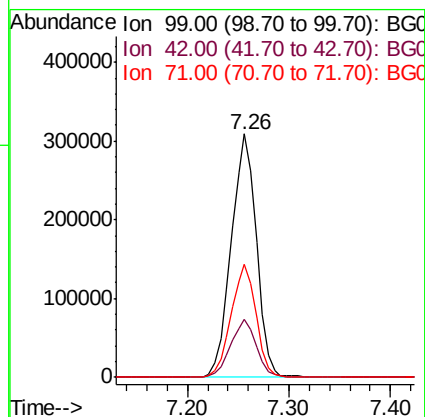
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 46.820 ng

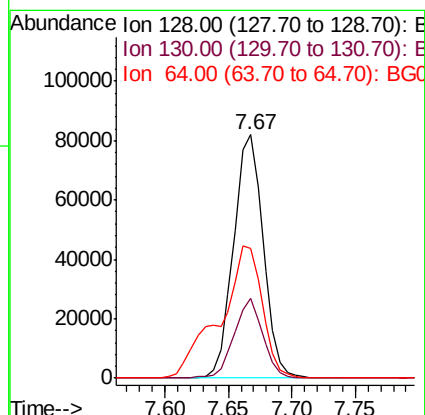
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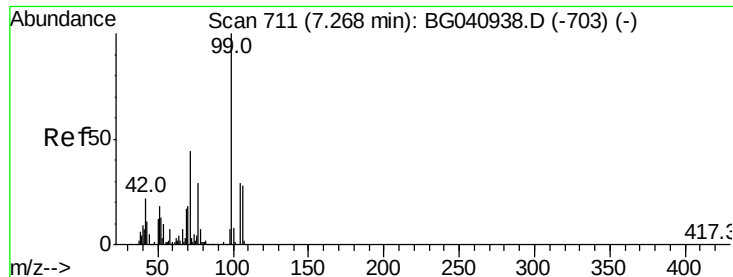
Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	32.8	16.6	56.6	
64	53.5	37.8	77.8	





#9

Benzaldehyde

Concen: 20.462 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

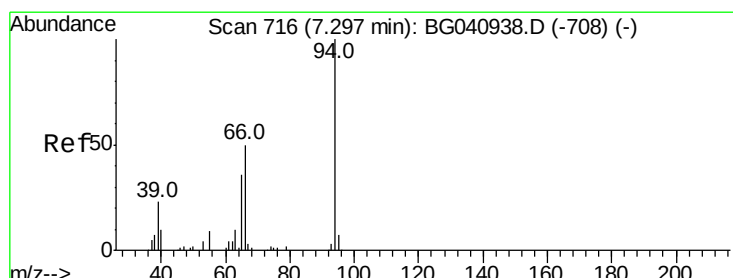
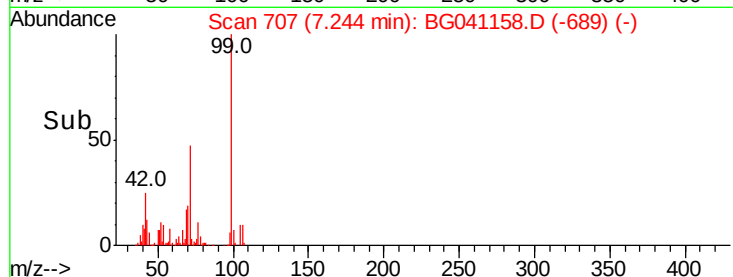
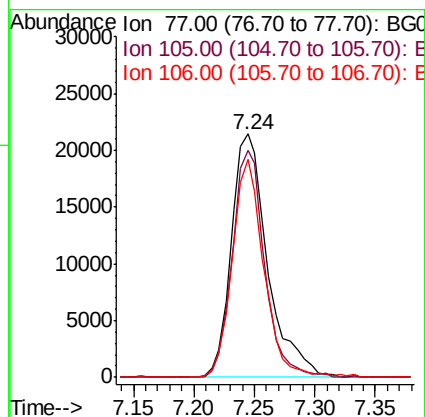
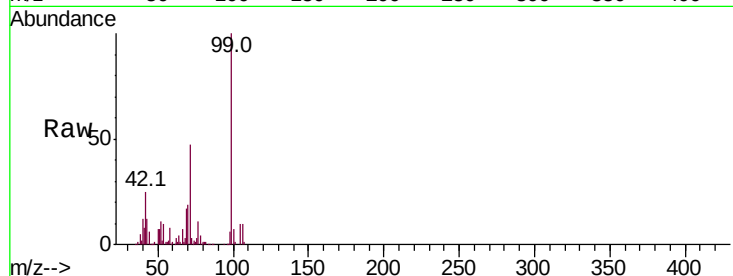
ClientSampleId :

PB120413BS

Tot Ion:	77	Resp:	44793
Ion	Ratio	Lower	Upper
77	100		
105	93.4	78.9	118.9
106	89.5	76.7	116.7

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#10

Phenol

Concen: 44.810 ng

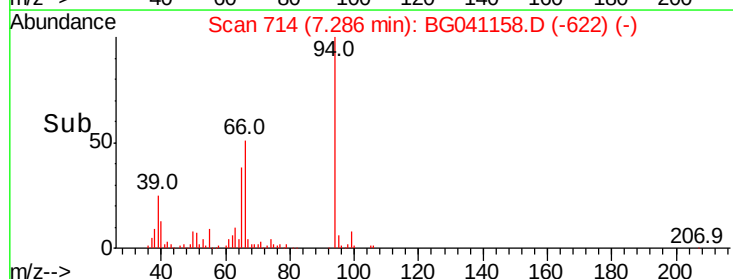
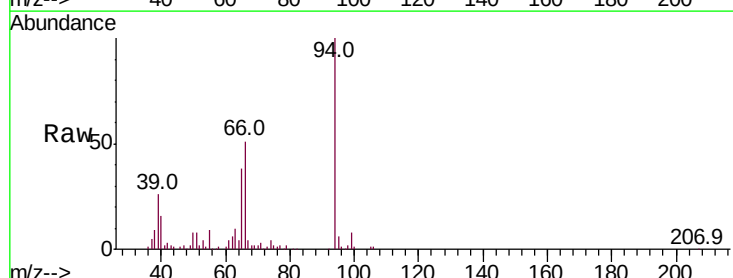
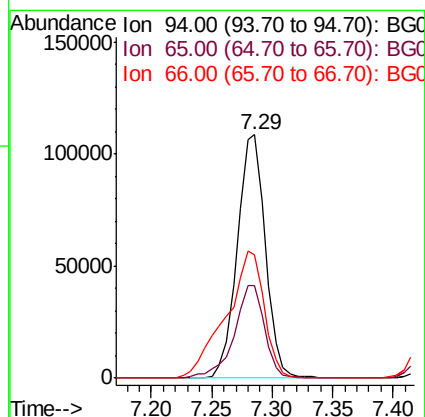
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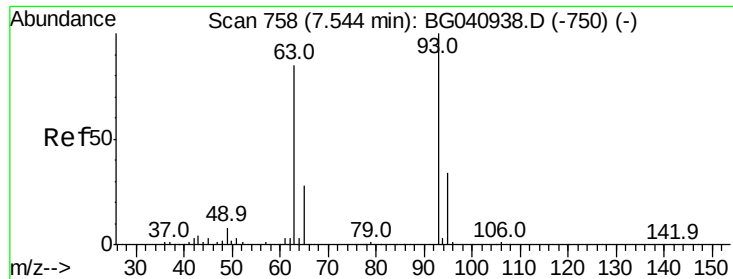
Delta R.T. 0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	94	Resp:	176308
Ion	Ratio	Lower	Upper
94	100		
65	38.2	17.0	57.0
66	50.8	32.4	72.4





#11

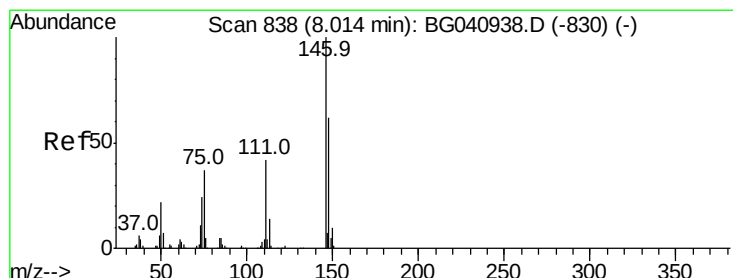
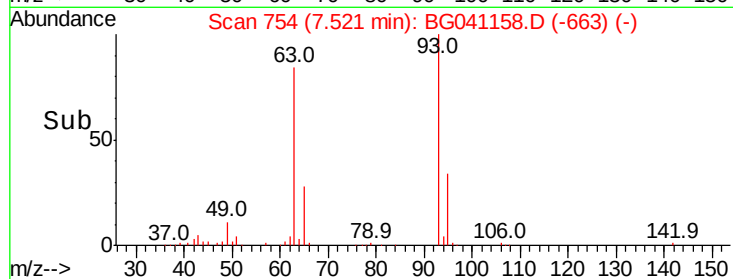
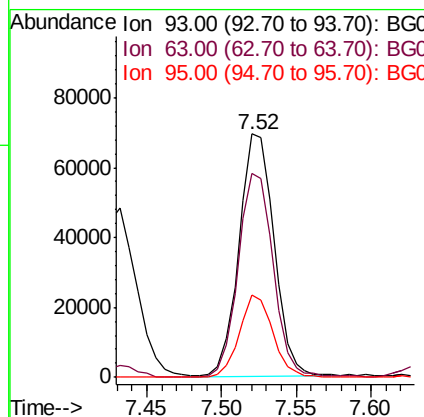
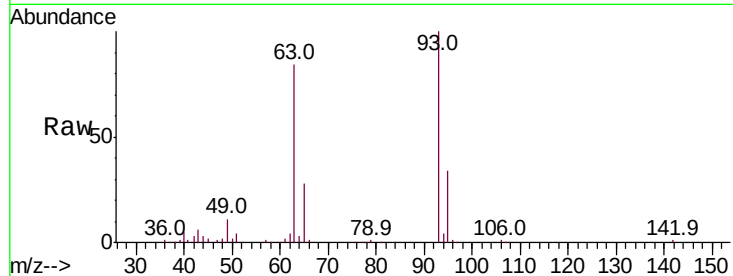
bis(2-Chloroethyl)ether
Concen: 39.615 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	64.5	104.5
95	34.0	13.3	53.3

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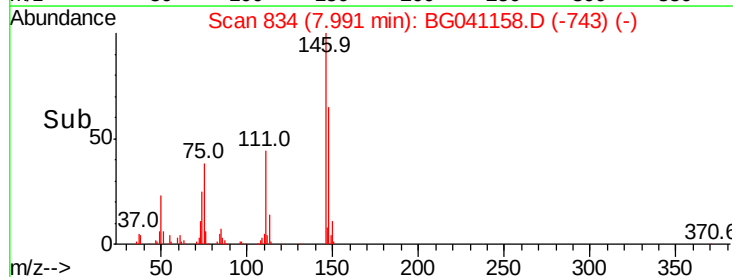
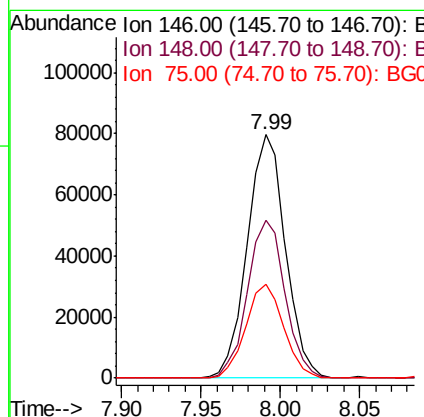
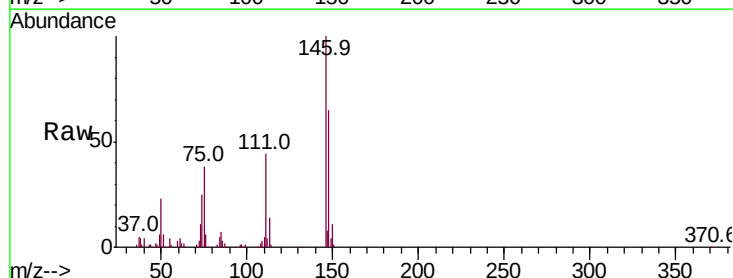
mohammad
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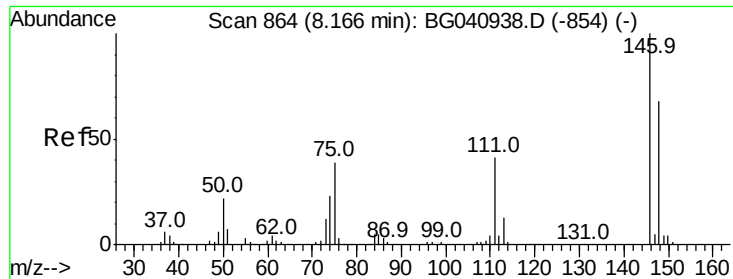


#12

1,3-Dichlorobenzene
Concen: 39.478 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.2	73.8
75	38.4	29.4	44.0





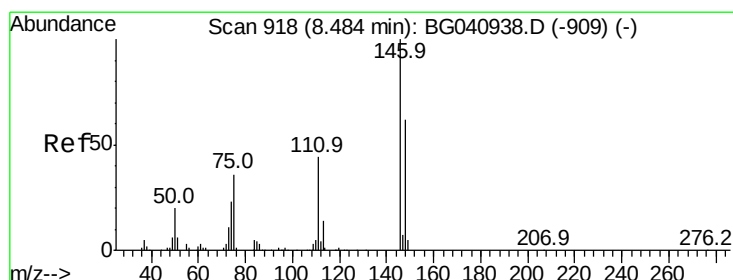
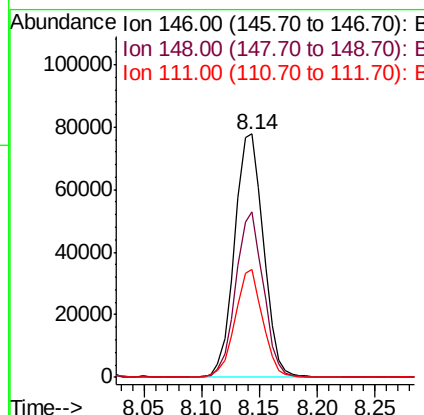
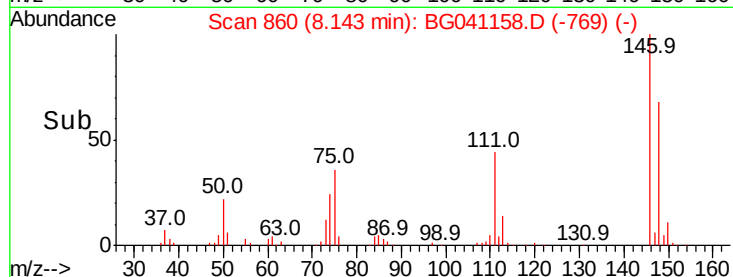
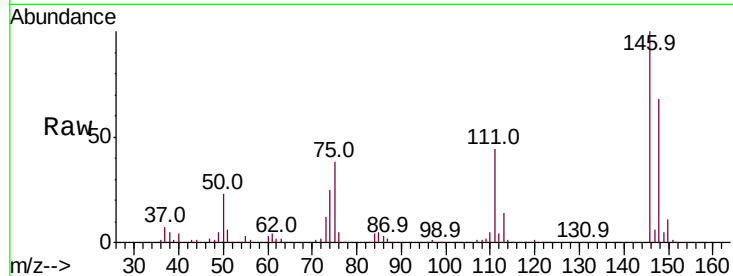
#13
 1,4-Dichlorobenzene
 Concen: 39.497 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampled :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.2	54.2	81.4
111	44.2	32.9	49.3

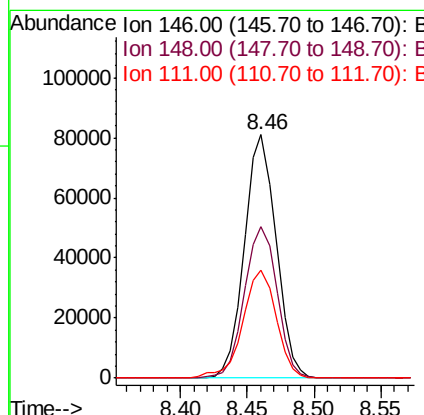
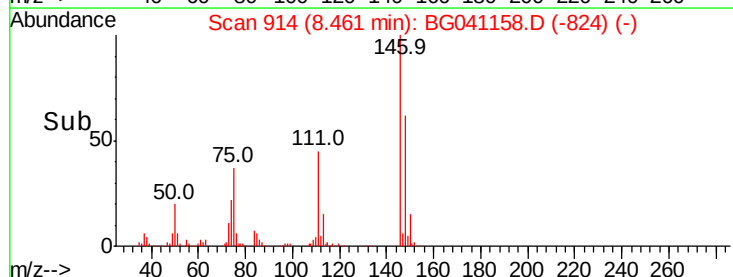
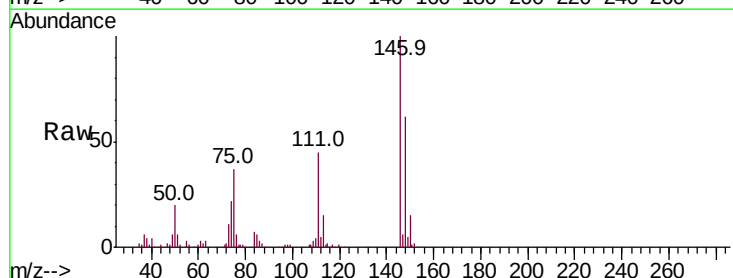
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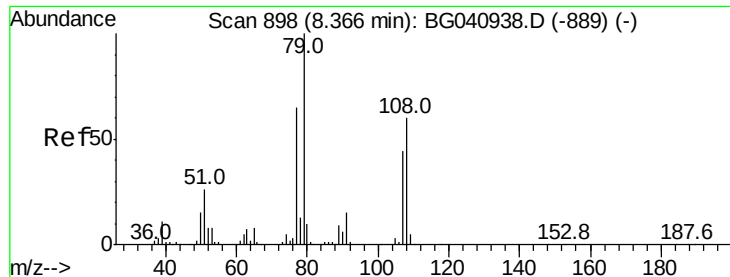
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.944 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.8	74.6
111	44.5	35.0	52.4





#15

Benzyl Alcohol

Concen: 42.706 ng

RT: 8.34 min Scan# 894

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

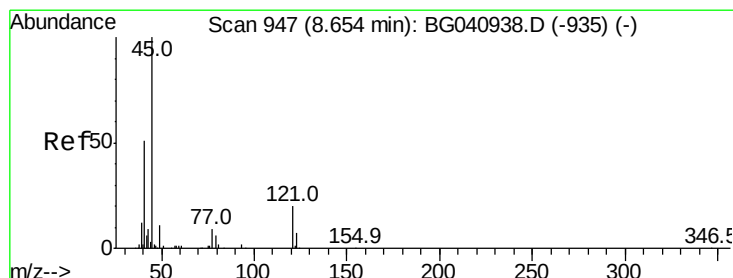
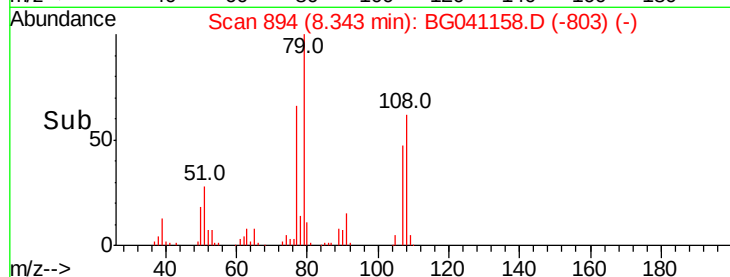
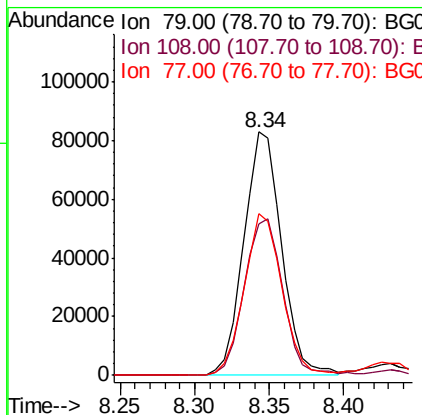
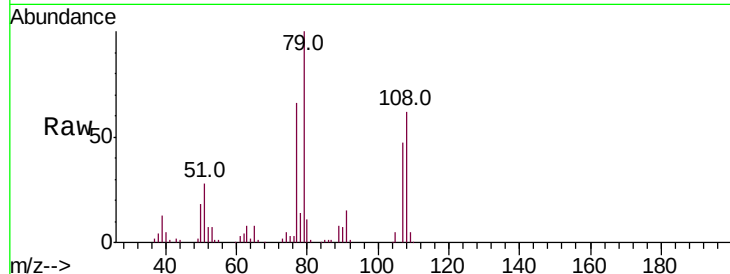
ClientSampled :

PB120413BS

Tot Ion:	79	Resp:	144967
Ion Ratio	Lower	Upper	
79	100		
108	62.3	48.3	72.5
77	66.3	52.3	78.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.547 ng

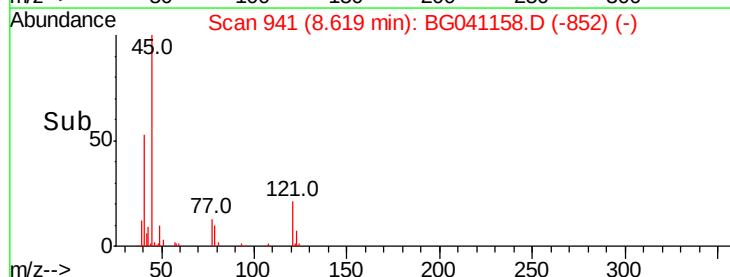
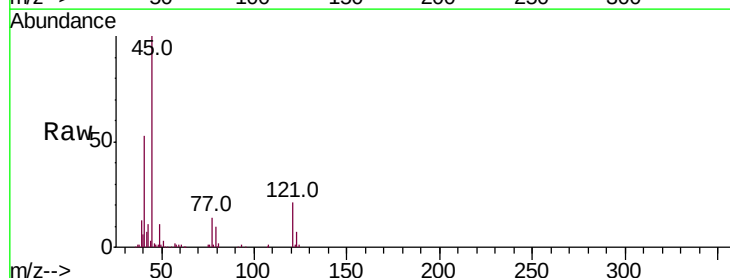
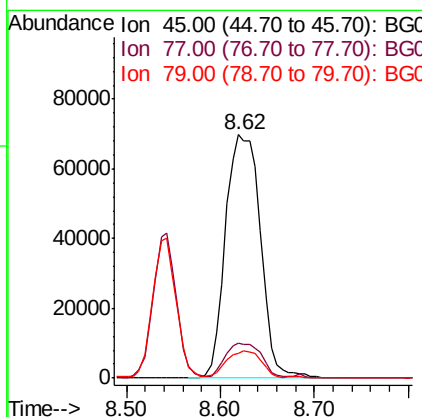
RT: 8.62 min Scan# 941

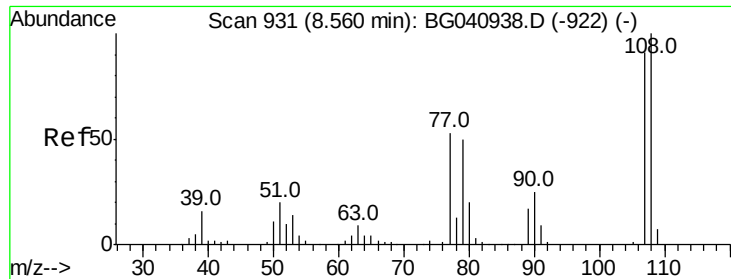
Delta R.T. -0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	45	Resp:	179790
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	33.7
79	10.3	0.0	30.2





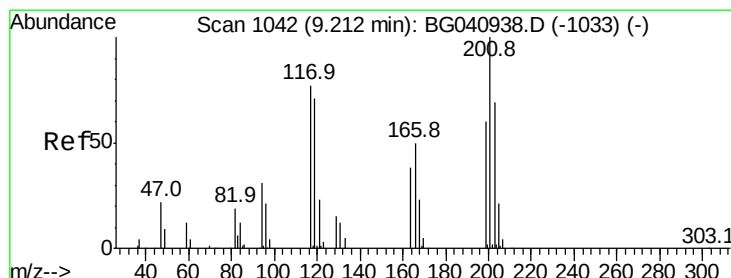
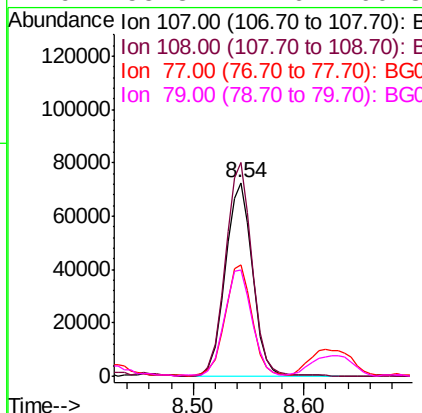
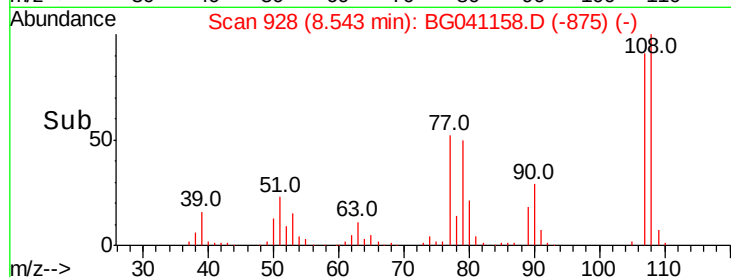
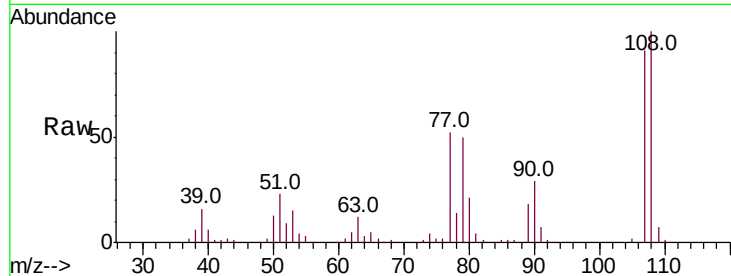
#17
2-Methylphenol
Concen: 43.772 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	87.7	131.5	
77	57.3	46.6	70.0	
79	55.3	44.6	66.8	

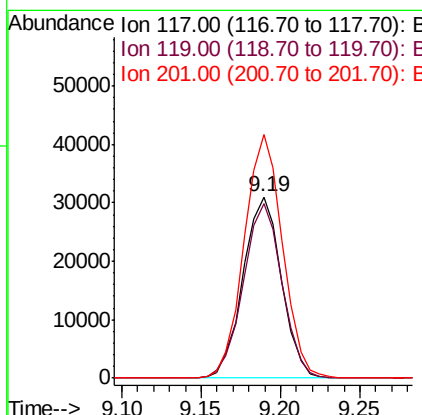
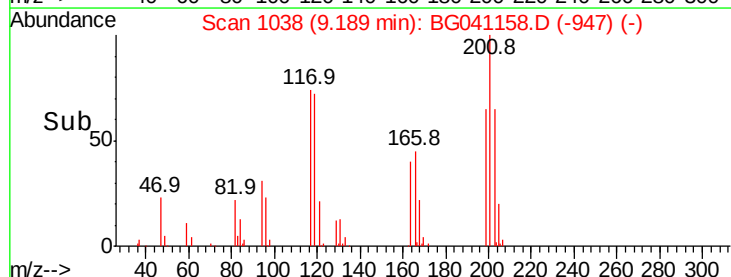
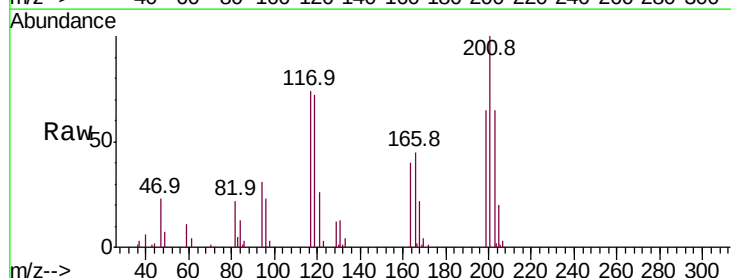
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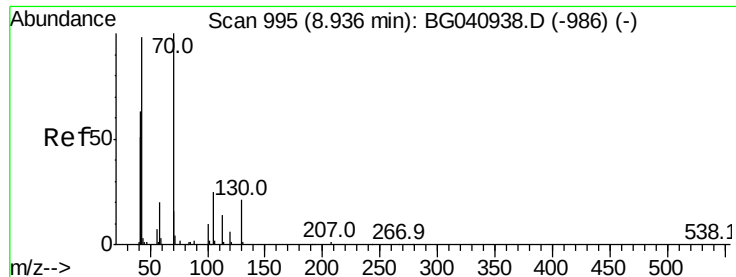
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#18
Hexachloroethane
Concen: 39.464 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.0	112.6	
201	134.4	103.5	155.3	





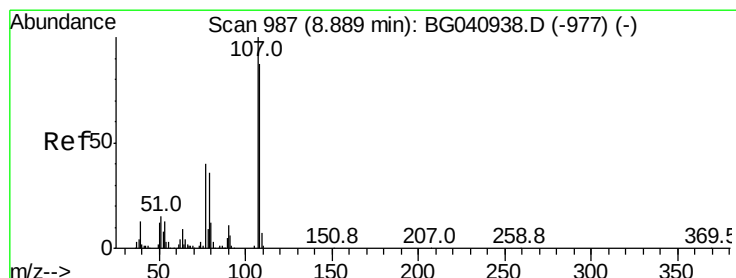
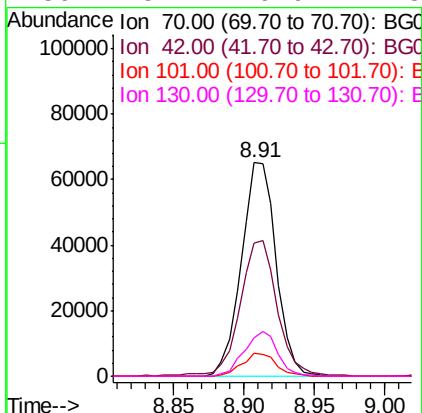
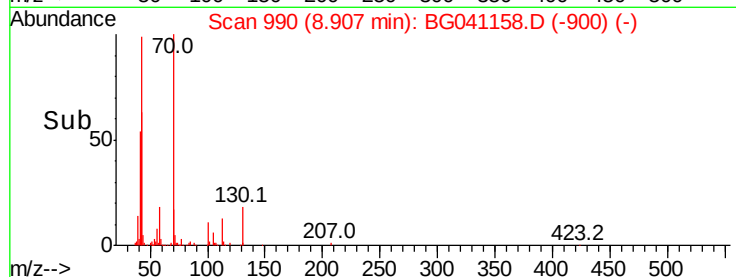
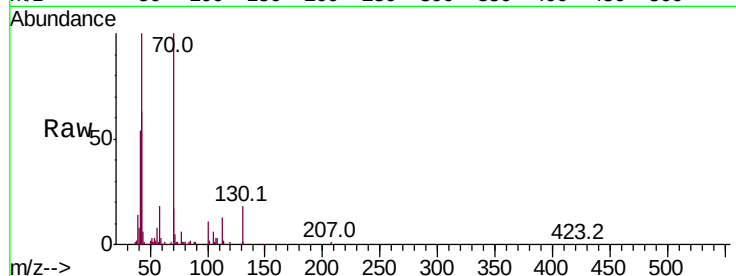
#19
n-Nitroso-di-n-propylamine
Concen: 39.721 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.6	51.5	77.3
101	10.7	8.1	12.1
130	18.1	16.6	24.8

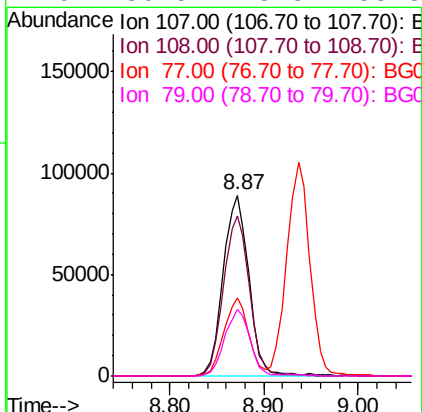
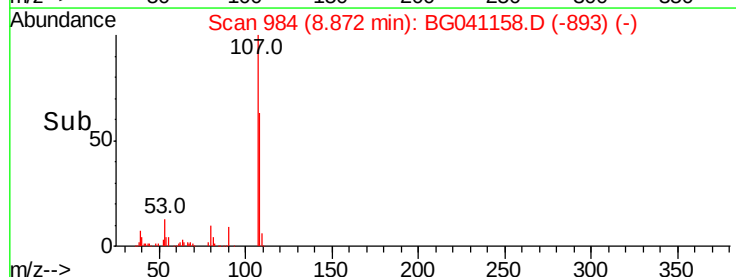
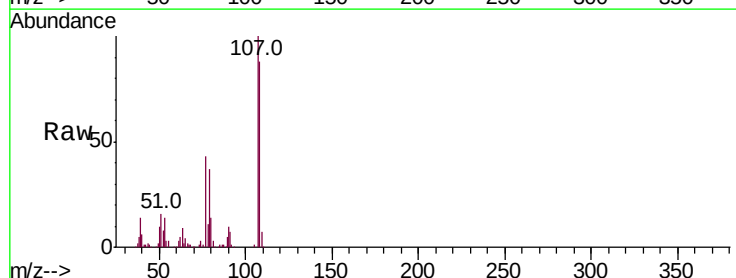
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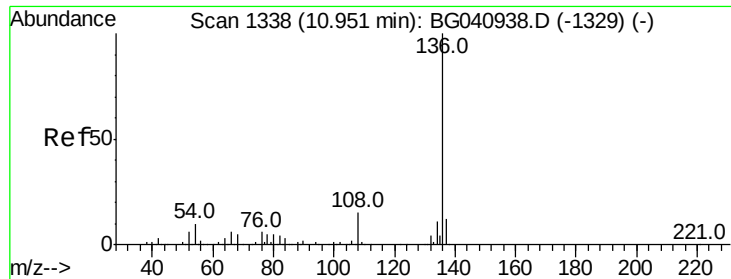
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#20
3+4-Methylphenols
Concen: 42.942 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.8	106.8
77	43.0	20.5	60.5
79	36.5	15.8	55.8





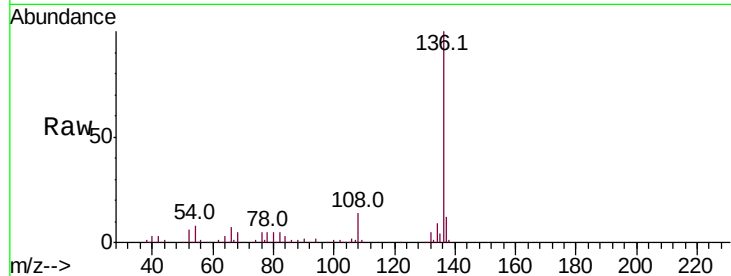
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	172817		
137	11.9		9.5	14.3
54	8.2		7.6	11.4
68	4.9		3.9	5.9

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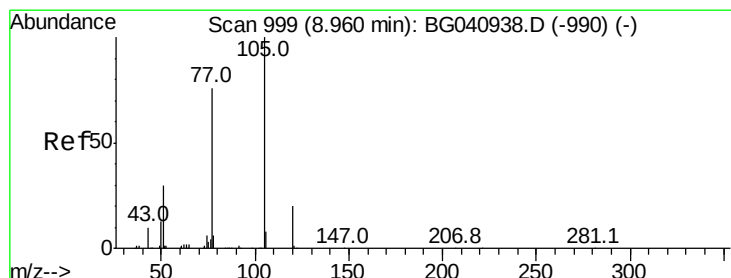
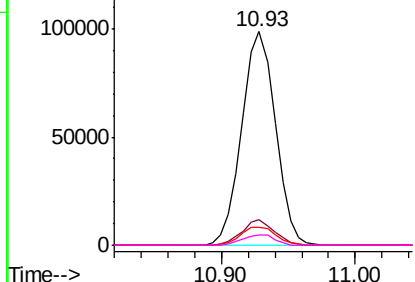
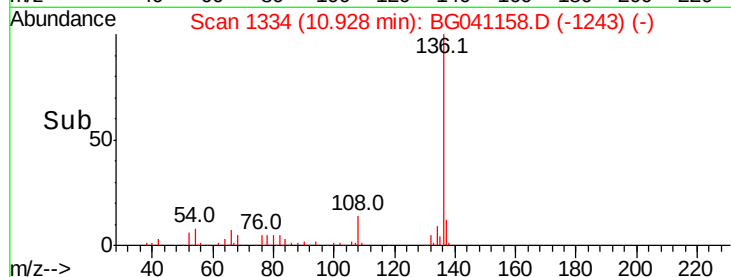
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

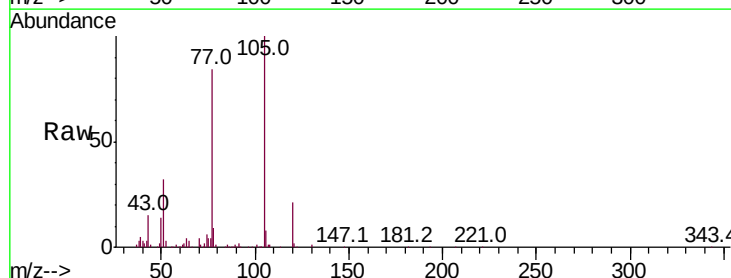
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.504 ng
RT: 8.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215748		
71	0.6		0.4	0.6
51	31.7		27.0	40.6
120	20.6		16.2	24.4



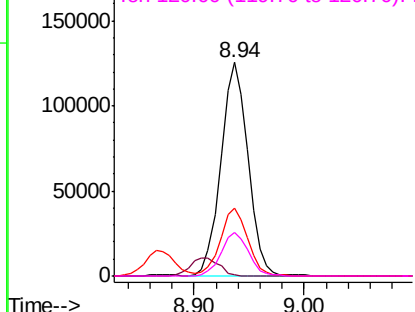
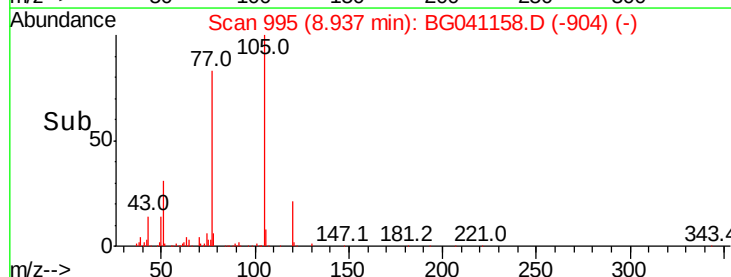
Abundance

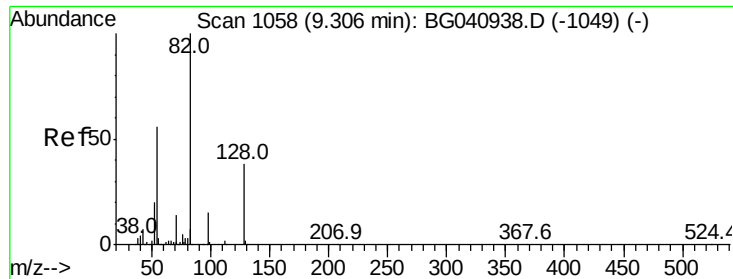
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





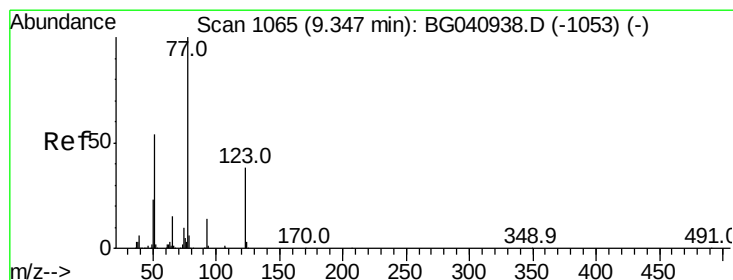
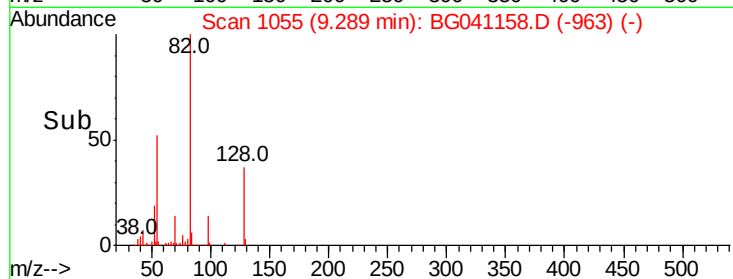
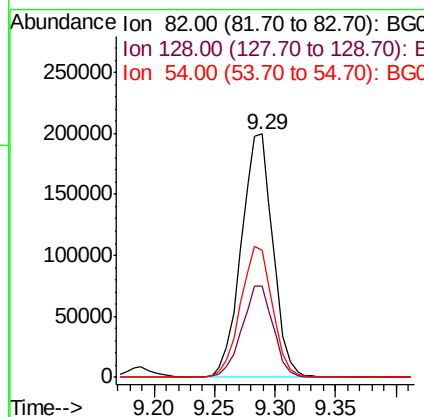
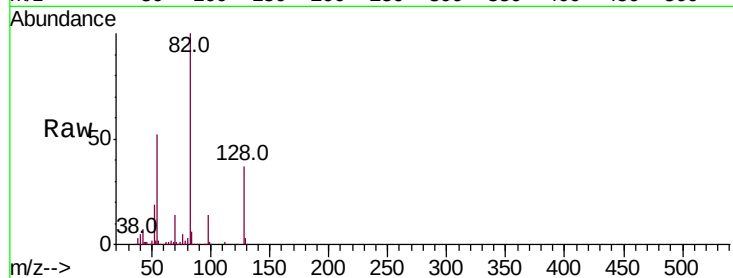
#23
 Nitrobenzene-d5
 Concen: 93.581 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.5	45.7
54	52.5	44.6	66.8

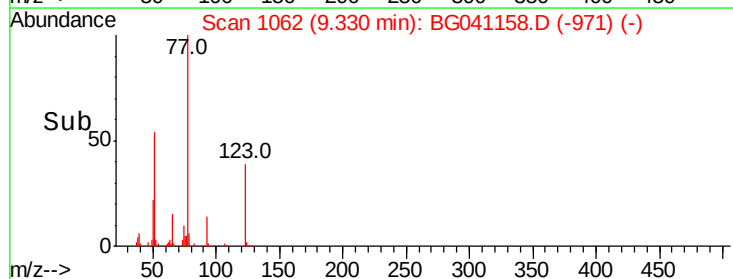
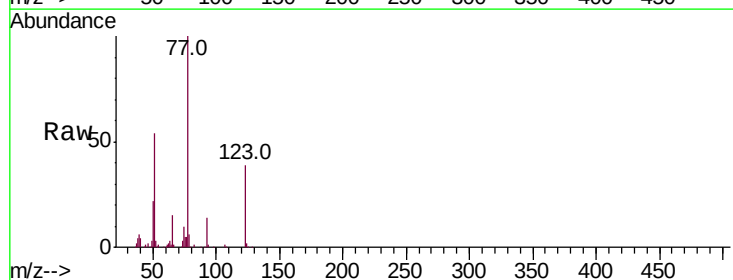
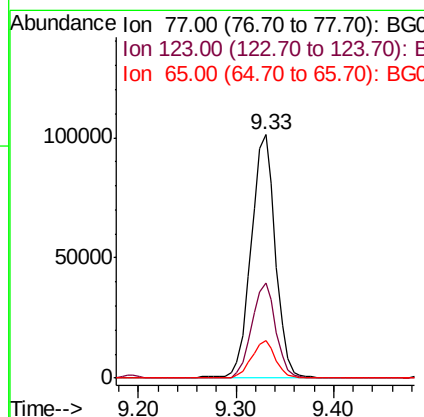
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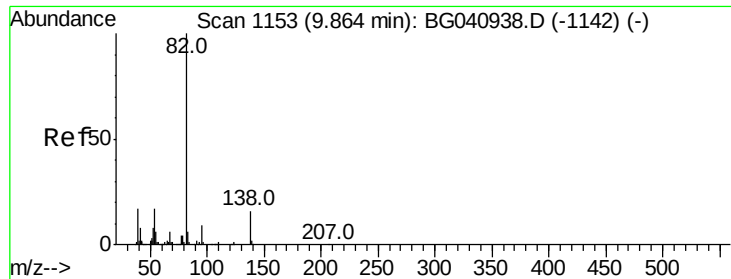
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#24
 Nitrobenzene
 Concen: 44.624 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	30.6	46.0
65	15.2	12.3	18.5





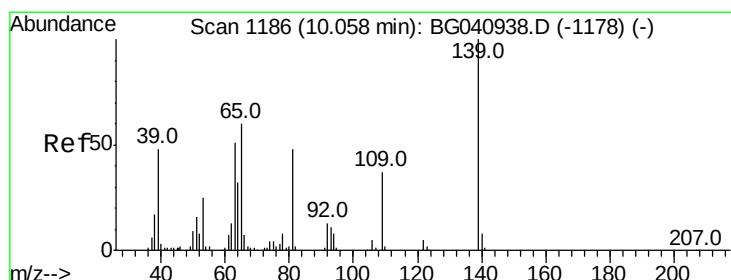
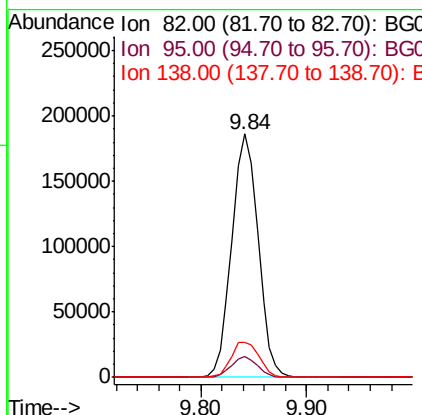
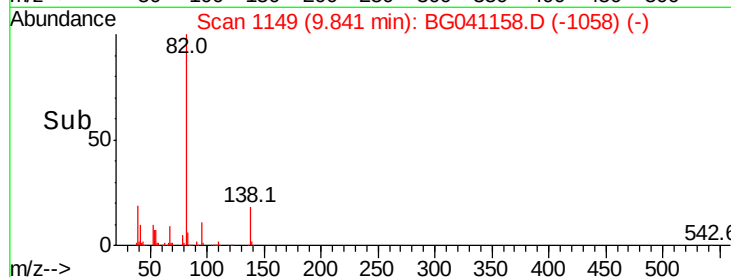
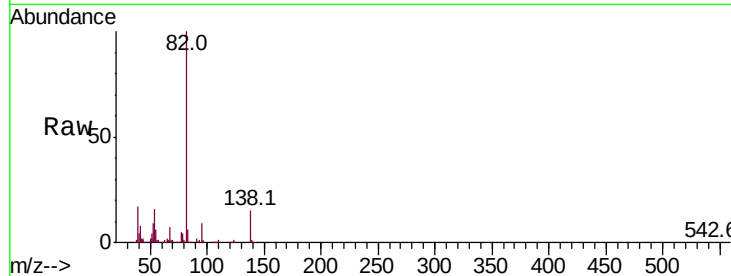
#25
Isophorone
Concen: 43.488 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.7	7.0	10.4	
138	14.5	12.6	19.0	

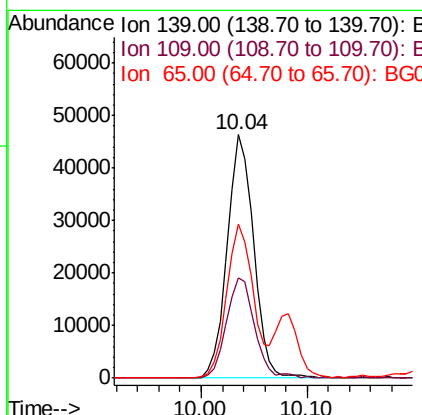
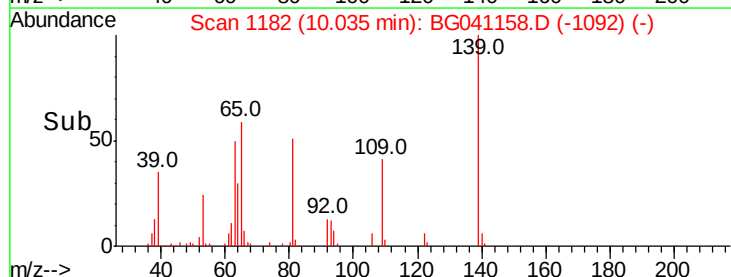
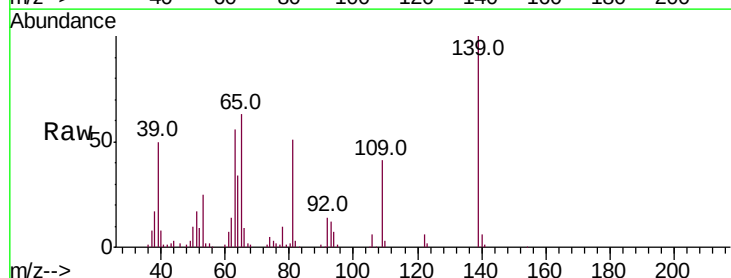
Manual Integrations
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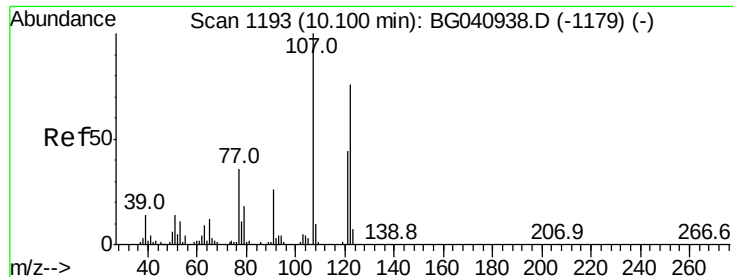
mohammad
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#26
2-Nitrophenol
Concen: 49.005 ng
RT: 10.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.1	29.8	44.6	
65	63.5	47.8	71.6	





#27

2,4-Dimethylphenol

Concen: 51.483 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

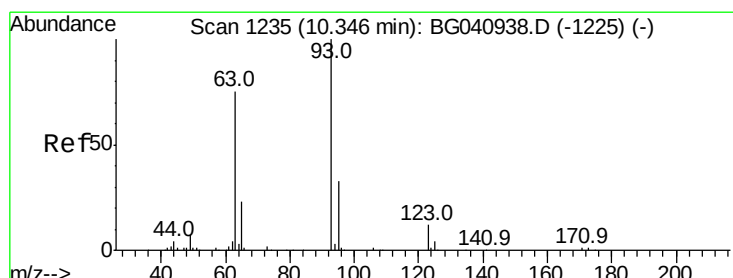
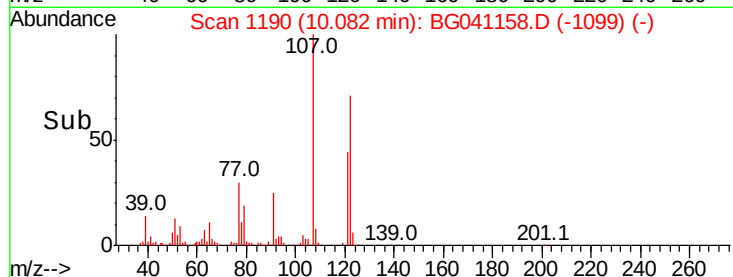
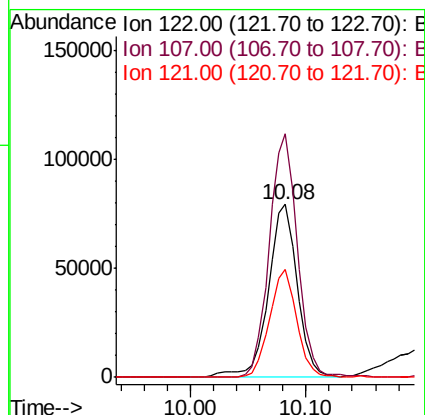
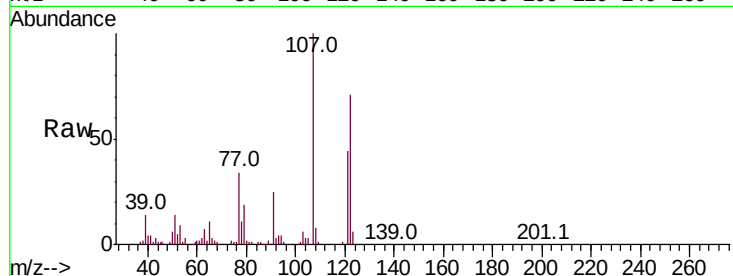
ClientSampled :

PB120413BS

Tot Ion:	122	Resp:	139057
Ion Ratio	Lower	Upper	
122	100		
107	141.0	105.9	158.9
121	62.2	46.2	69.4

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#28

bis(2-Chloroethoxy)methane

Concen: 43.302 ng

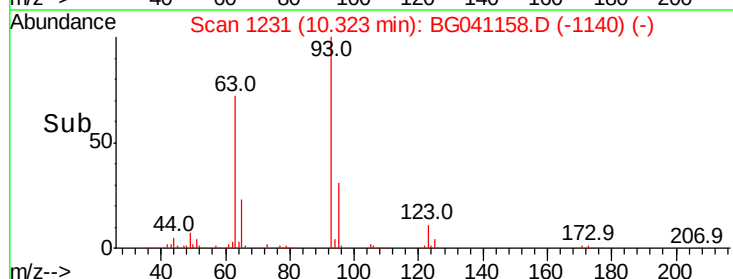
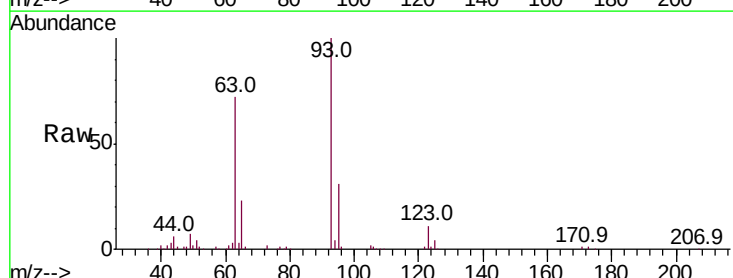
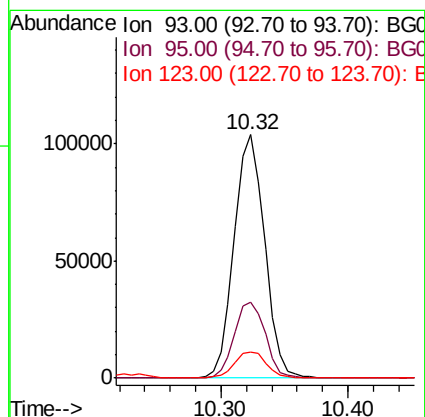
RT: 10.32 min Scan# 1231

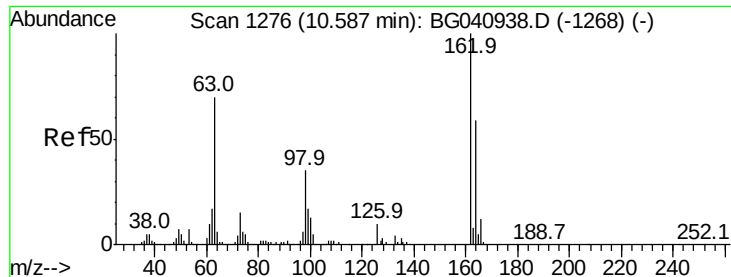
Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	93	Resp:	173143
Ion Ratio	Lower	Upper	
93	100		
95	31.3	26.2	39.2
123	10.7	9.5	14.3





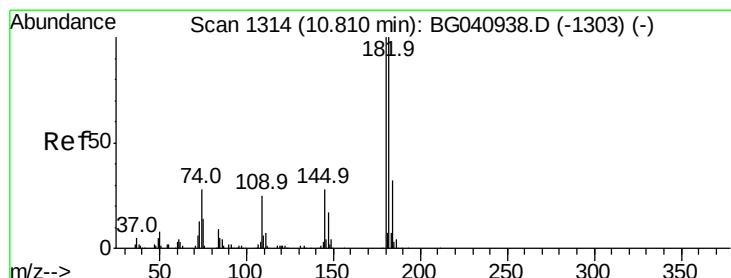
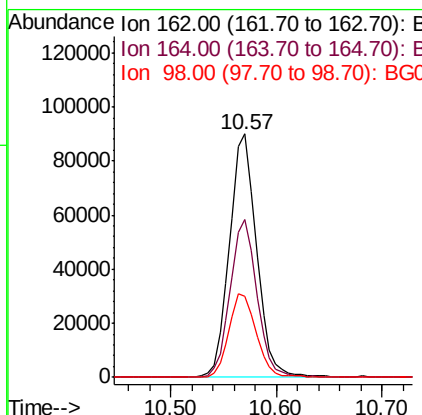
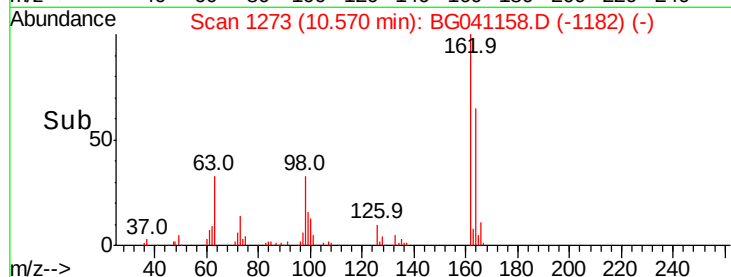
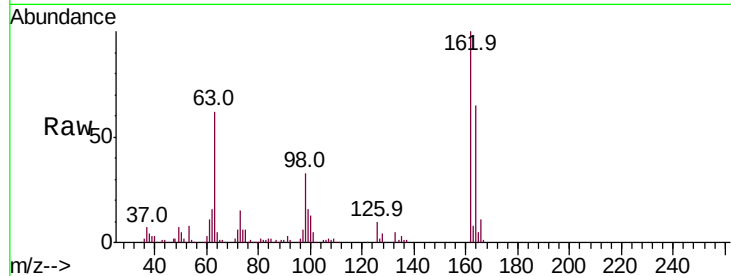
#29
2,4-Dichlorophenol
Concen: 46.441 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	39.4	79.4
98	33.3	15.3	55.3

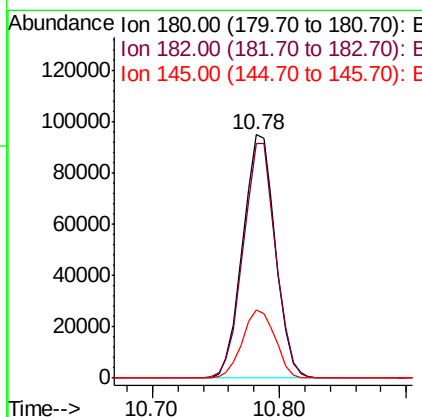
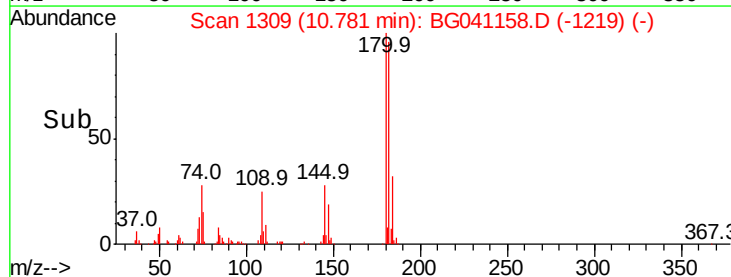
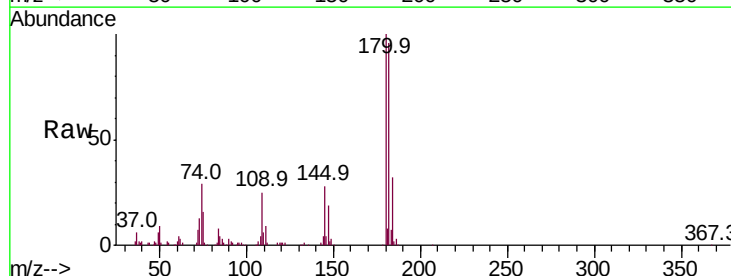
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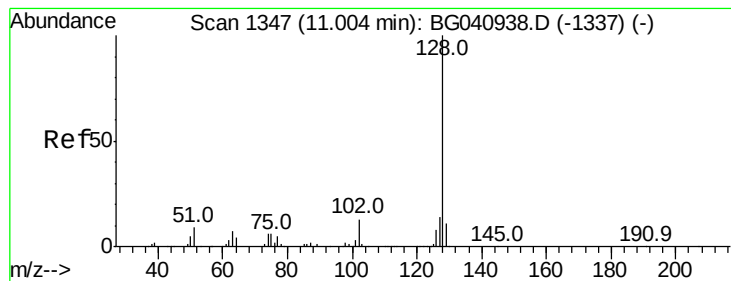
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#30
1,2,4-Trichlorobenzene
Concen: 43.357 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	79.7	119.5
145	28.0	22.6	34.0





#31

Naphthalene

Concen: 44.621 ng

RT: 10.98 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

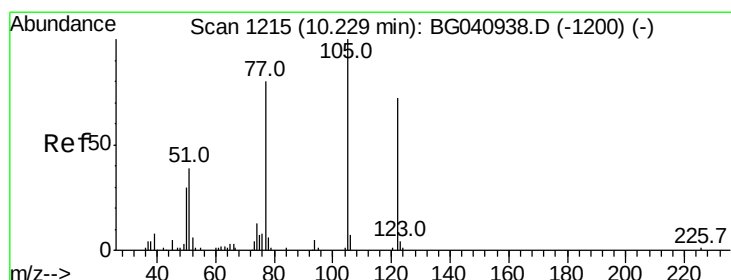
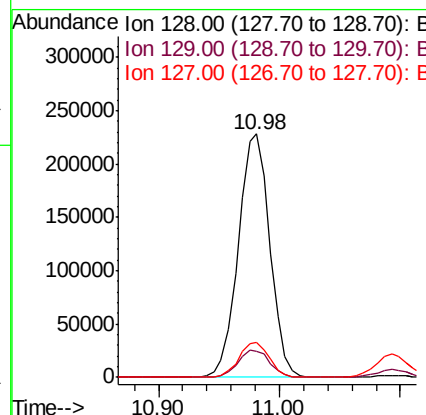
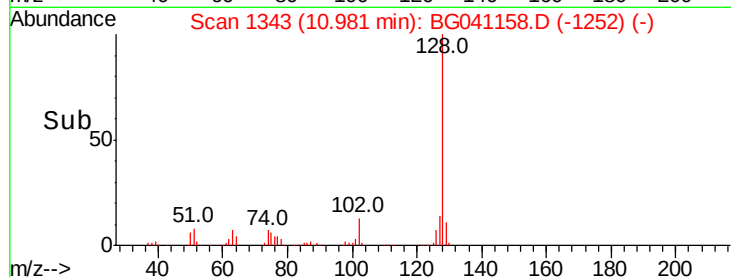
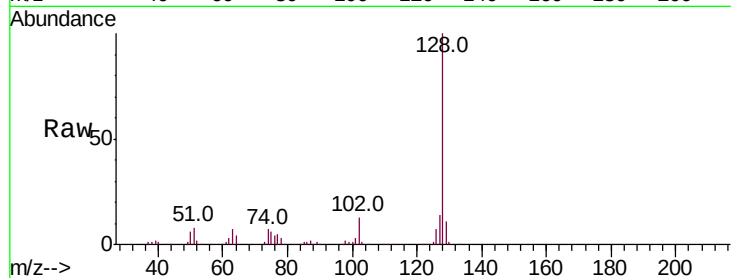
ClientSampleId :

PB120413BS

Tot Ion:	128	Resp:	414025
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.5	12.7
127	14.2	11.4	17.2

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#32

Benzoic acid

Concen: 43.884 ng m

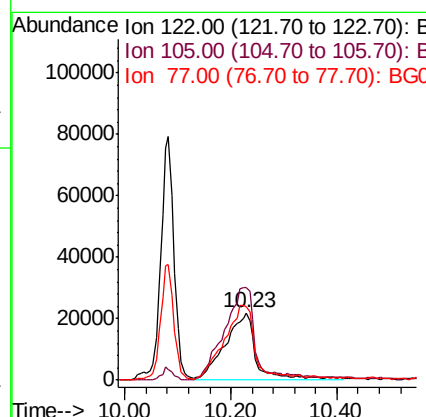
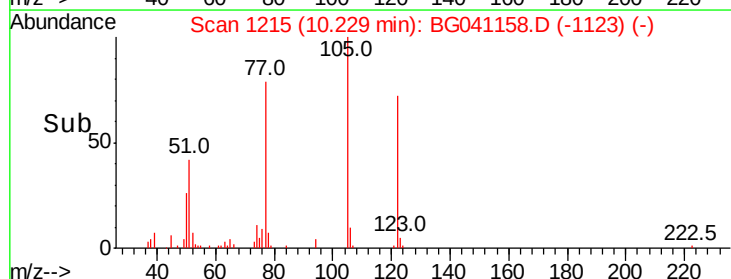
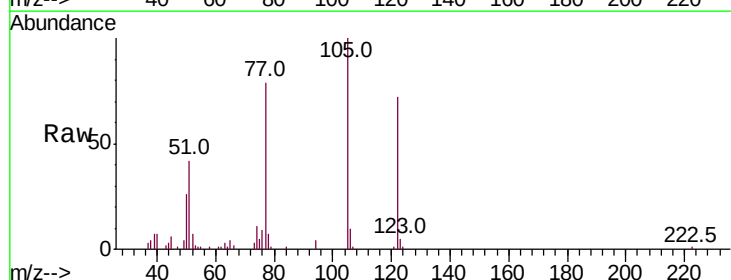
RT: 10.23 min Scan# 1215

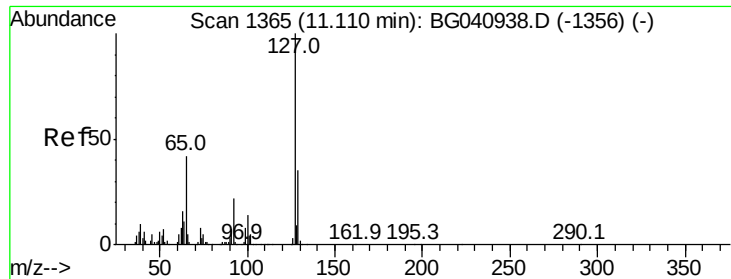
Delta R.T. 0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	122	Resp:	90404
Ion Ratio	Lower	Upper	
122	100		
105	138.8	114.8	154.8
77	110.2	89.9	129.9





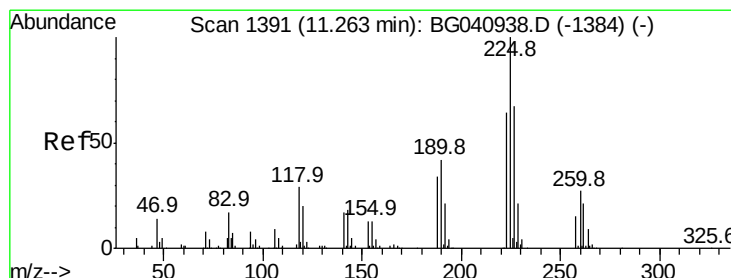
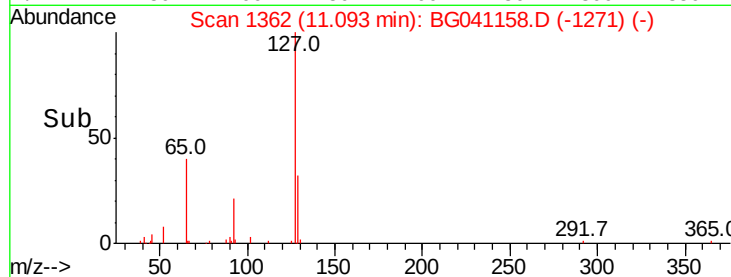
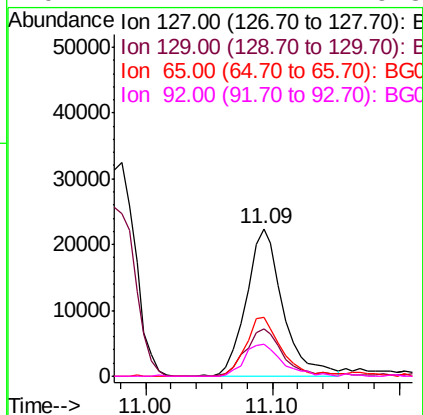
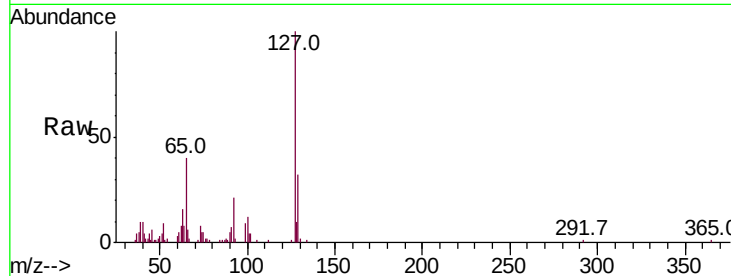
#33
4-Chloroaniline
Concen: 10.421 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.7	41.5
65	40.0	33.2	49.8
92	21.4	17.2	25.8

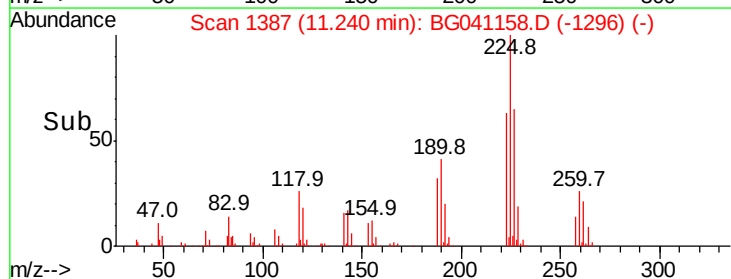
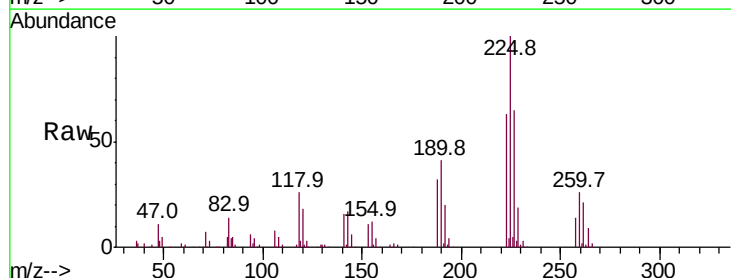
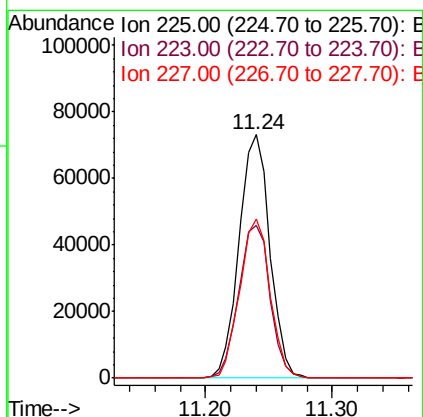
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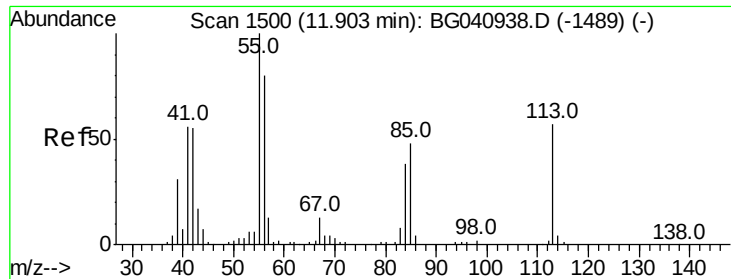
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#34
Hexachlorobutadiene
Concen: 41.323 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	48.8	73.2
227	65.1	51.4	77.0





#35

Caprolactam

Concen: 42.373 ng/mL

RT: 11.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

Tot Ion:113 Resp: 47995

Ion Ratio Lower Upper

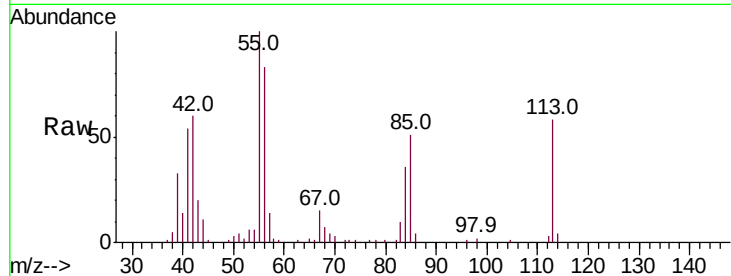
113 100

55 172.7 155.9 195.9

56 143.9 119.9 159.9

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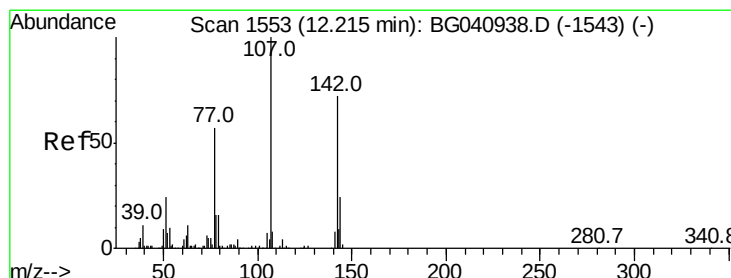
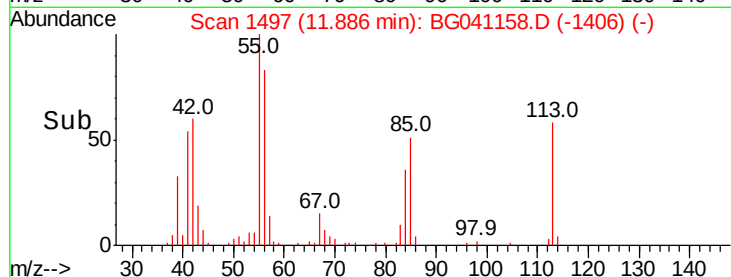
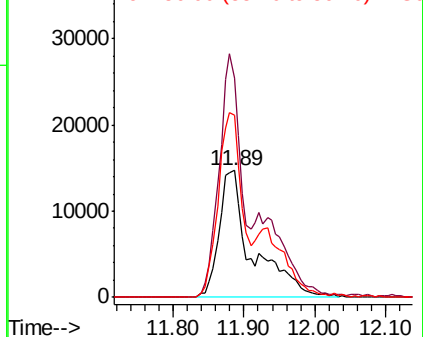
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.296 ng/mL

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

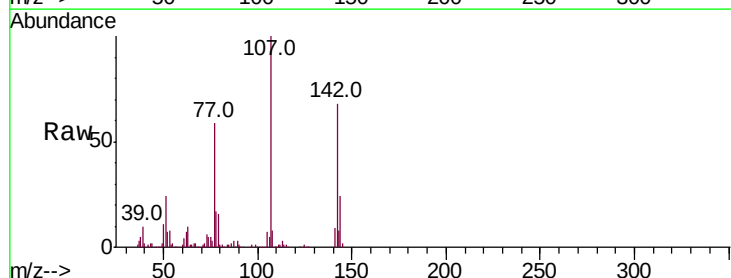
Tgt Ion:107 Resp: 177438

Ion Ratio Lower Upper

107 100

144 23.7 19.4 29.0

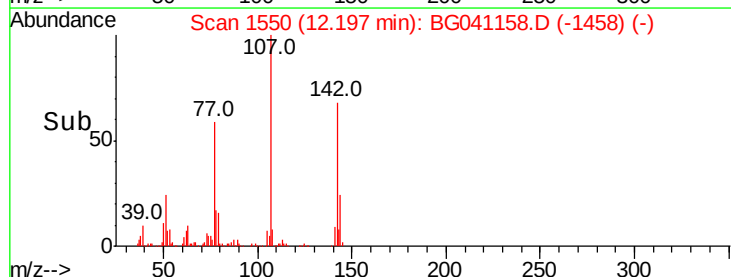
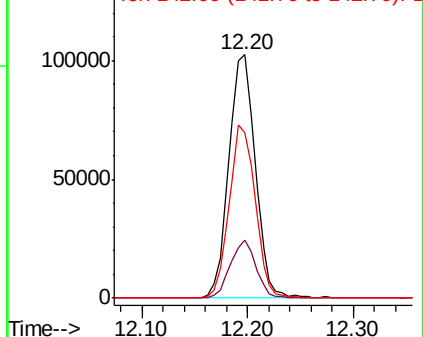
142 68.2 57.3 85.9

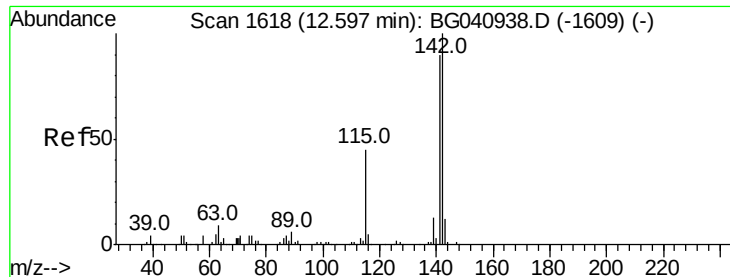


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





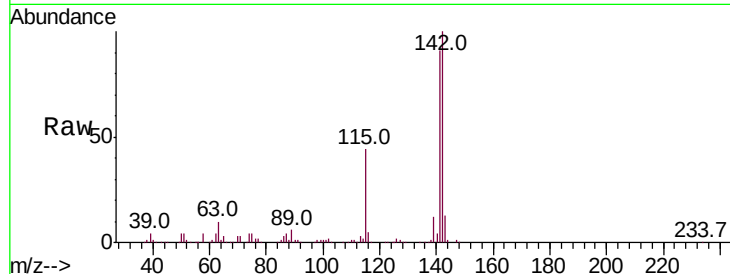
#37
2-Methylnaphthalene
Concen: 45.359 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampled :
PB120413BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.2	108.4
115	44.3	36.2	54.4

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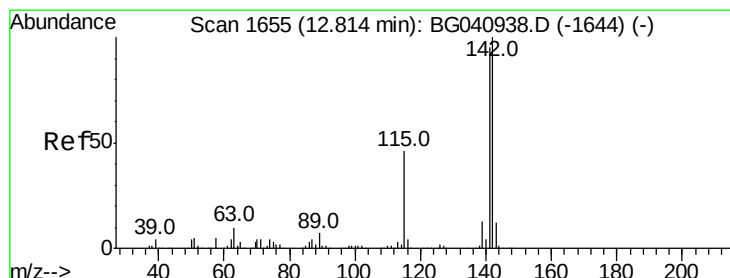
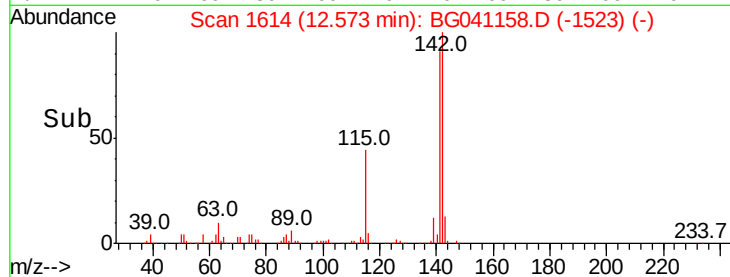
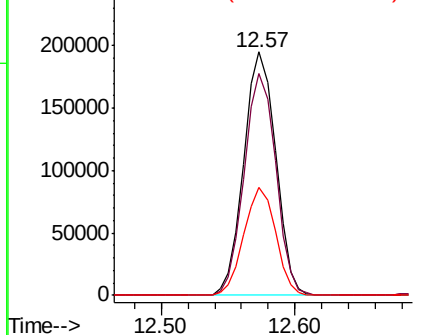


Abundance

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: 45.320 ng m
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

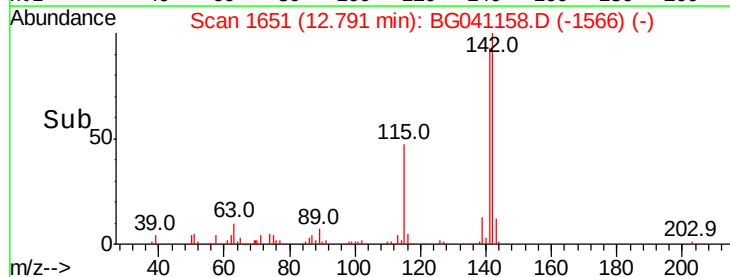
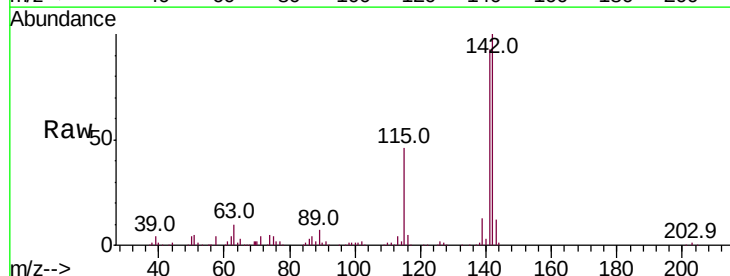
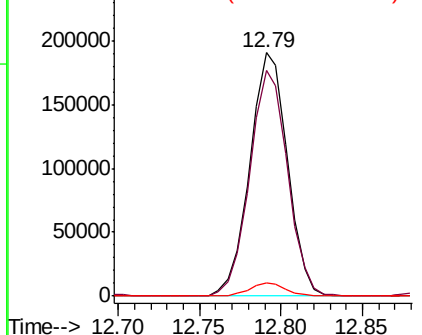
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.7	113.5
116	5.3	3.4	5.2#

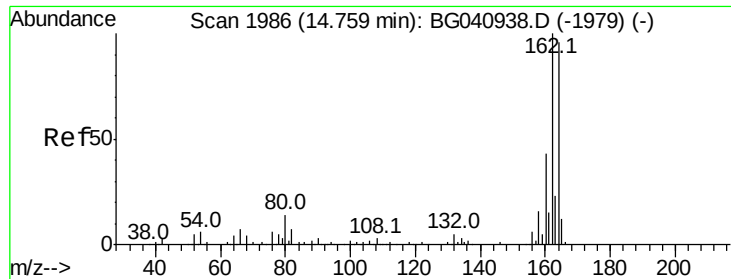
Abundance

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





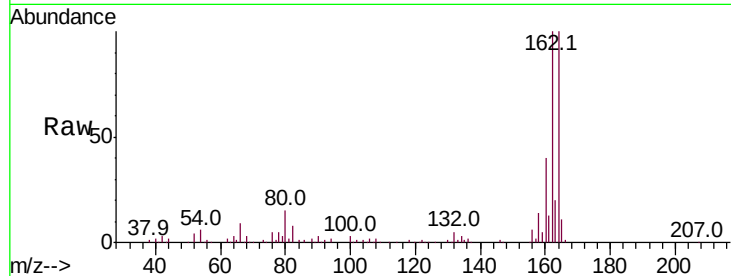
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	83.0	124.4	
160	40.1	35.6	53.4	

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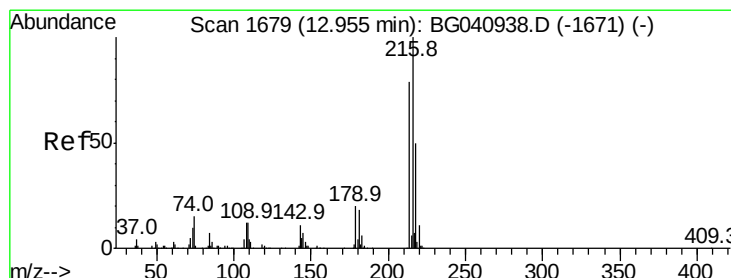
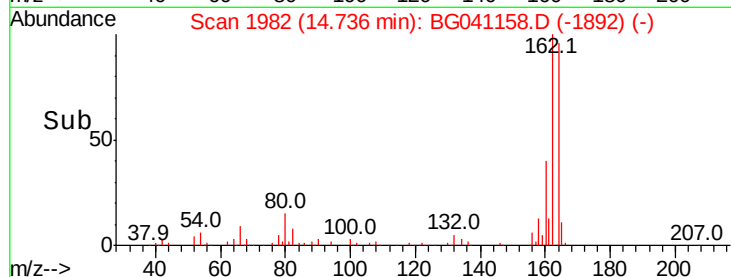
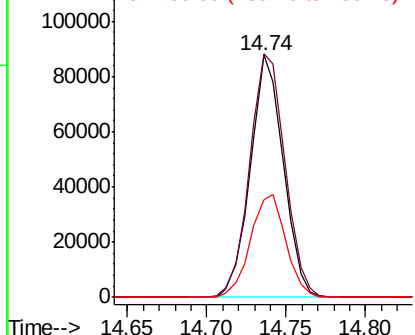


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.655 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.6	63.4	95.2	
179	19.4	15.2	22.8	
108	17.3	11.4	17.2	

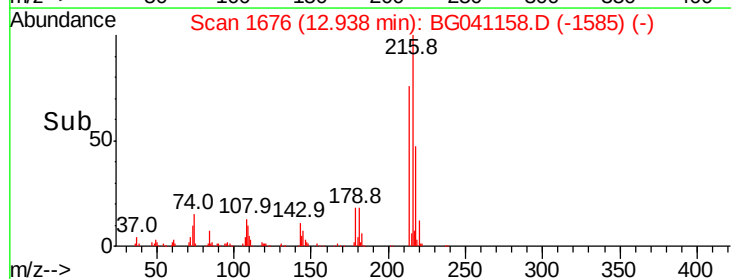
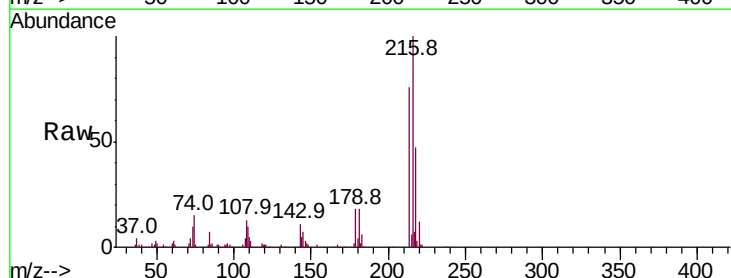
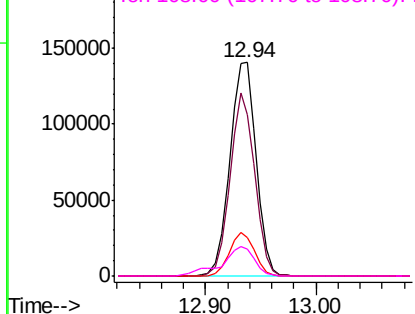
Abundance

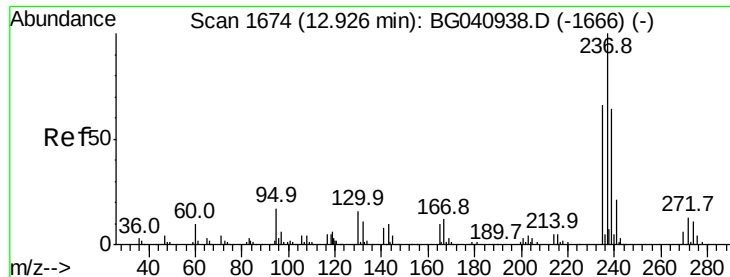
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





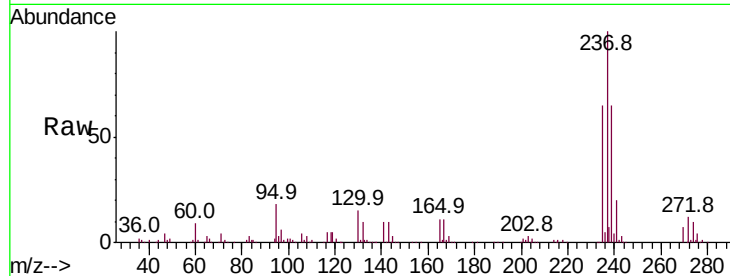
#41
Hexachlorocyclopentadiene
Concen: 99.107 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

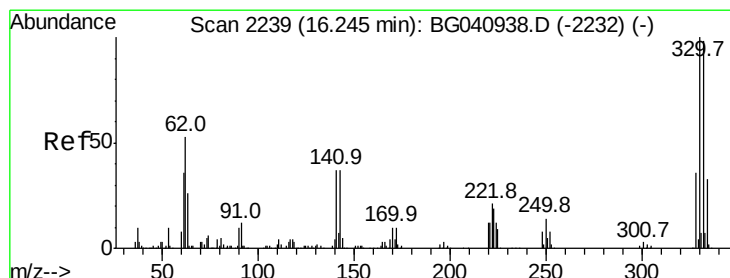
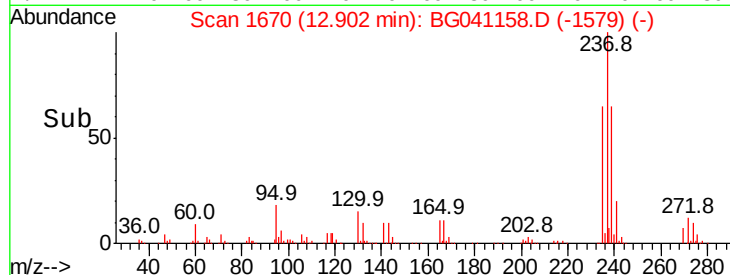
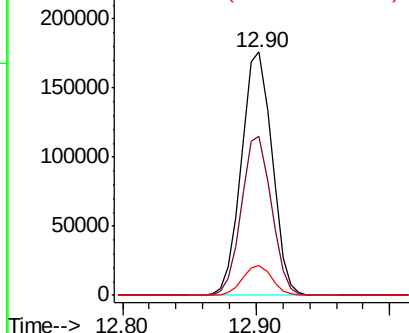
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.3	45.5	85.5
272	12.2	0.0	32.9

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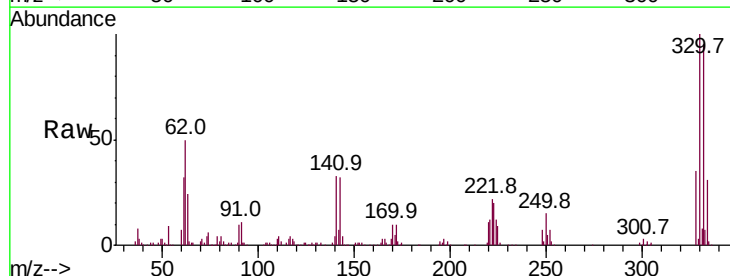


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

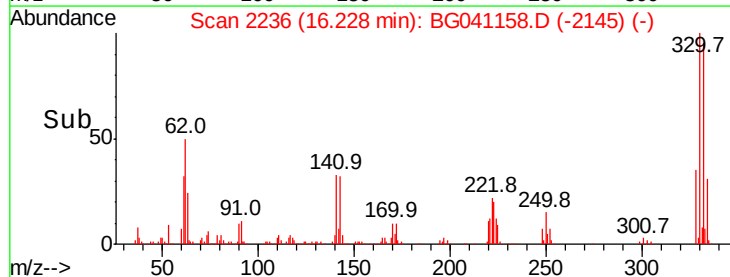
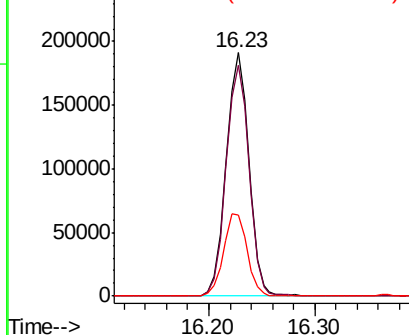


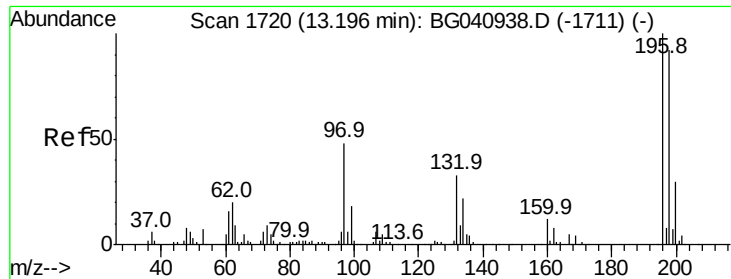
#42
2,4,6-Tribromophenol
Concen: 150.324 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	78.5	117.7
141	35.1	28.7	43.1



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





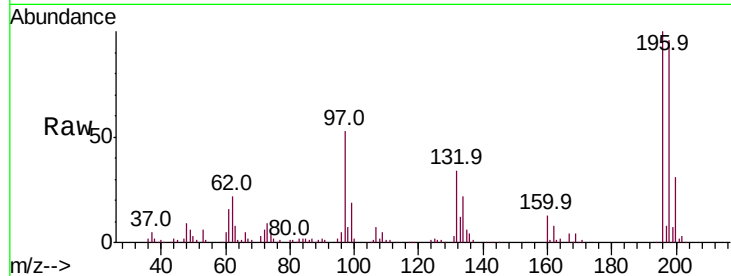
#43
 2,4,6-Trichlorophenol
 Concen: 46.630 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampled :
 PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	154599		
198	96.4	73.8	110.6	
200	30.6	24.1	36.1	

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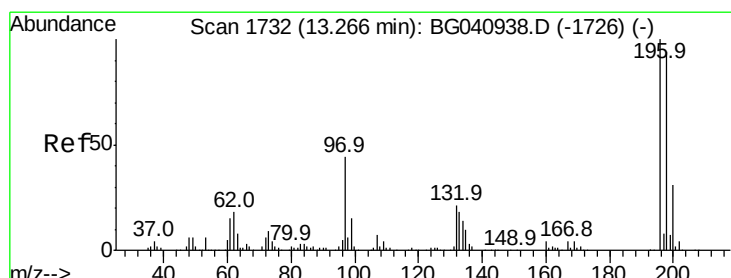
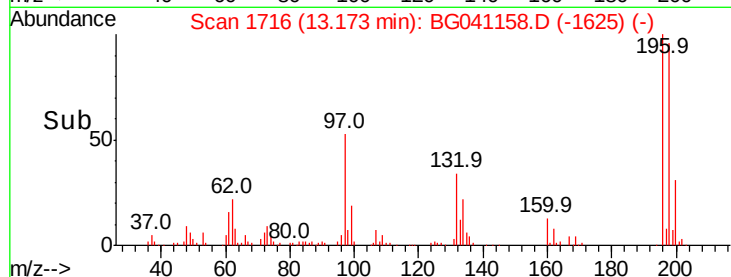
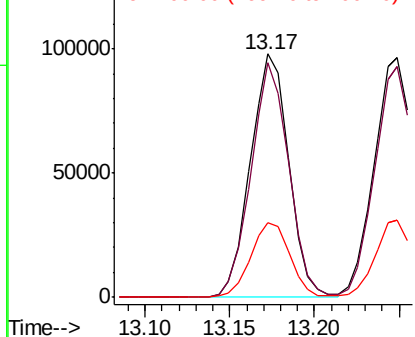


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.969 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160737		
198	96.2	75.1	112.7	
97	45.7	35.6	53.4	
132	22.8	16.7	25.1	

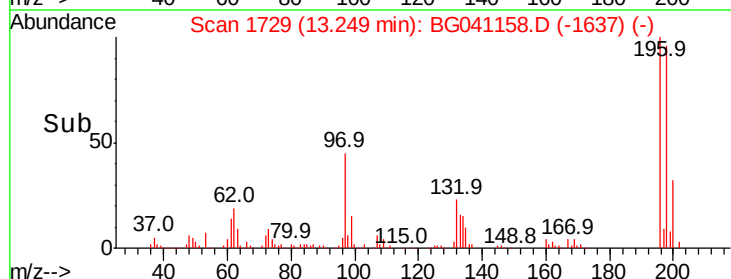
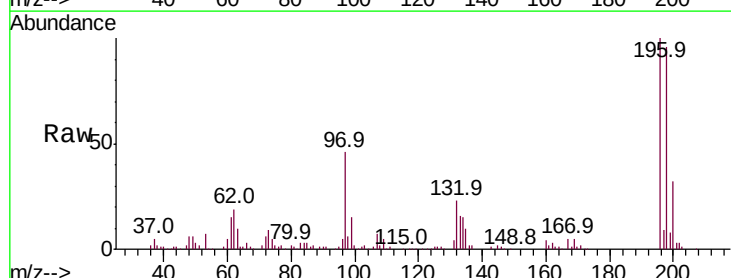
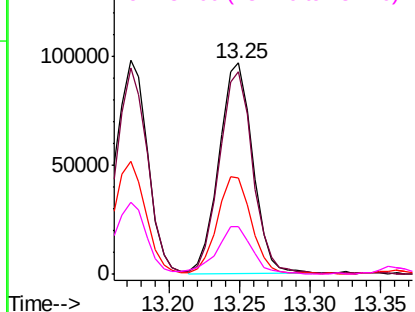
Abundance

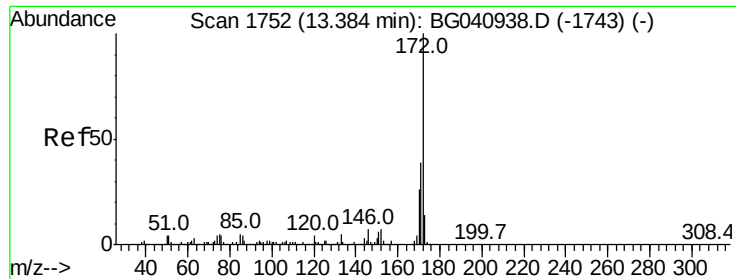
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





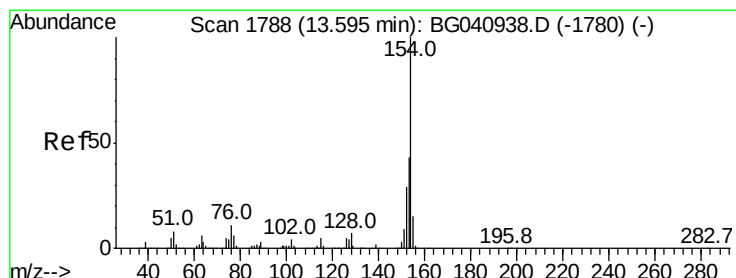
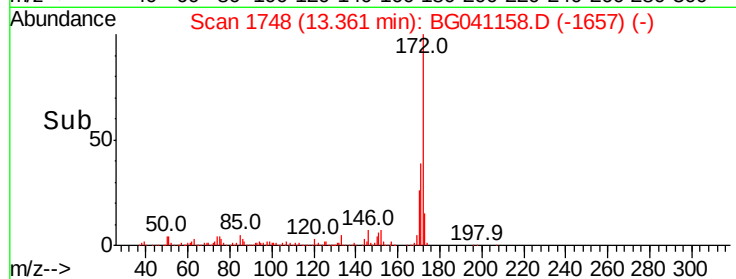
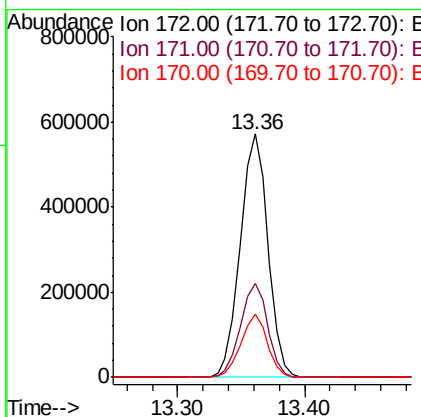
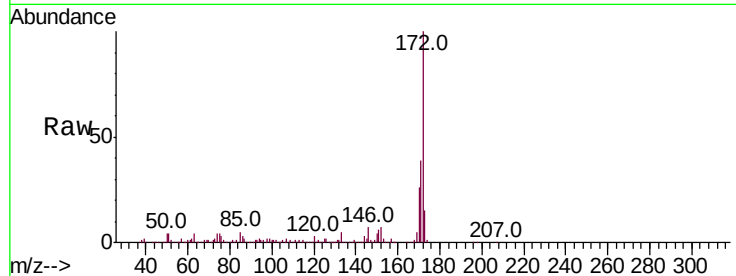
#45
2-Fluorobiphenyl
Concen: 97.791 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion:	172	Resp:	863458
Ion Ratio	Lower	Upper	
172	100		
171	38.7	31.1	46.7
170	25.9	20.5	30.7

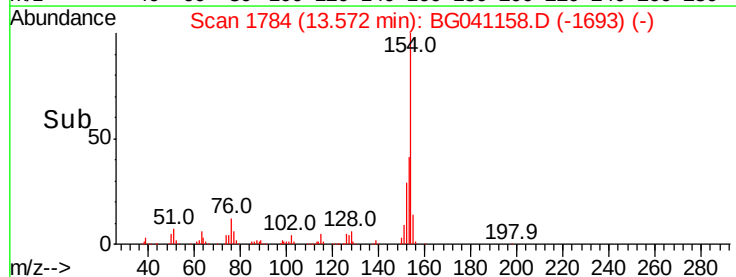
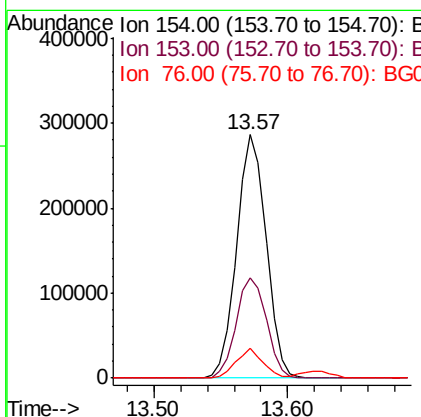
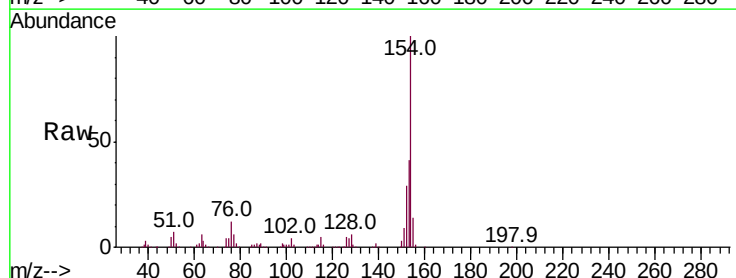
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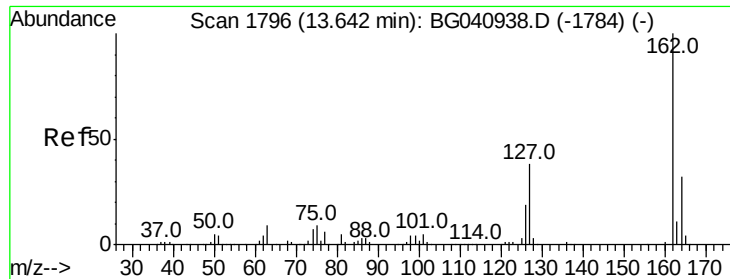
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#46
1,1'-Biphenyl
Concen: 46.513 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion:	154	Resp:	437800
Ion Ratio	Lower	Upper	
154	100		
153	41.1	23.3	63.3
76	12.2	0.0	31.1





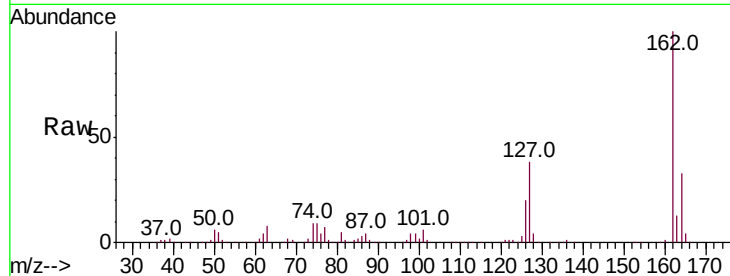
#47
 2-Chloronaphthalene
 Concen: 45.146 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	32.7	25.8	38.6

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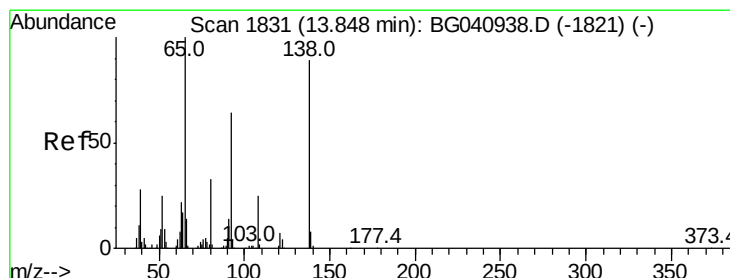
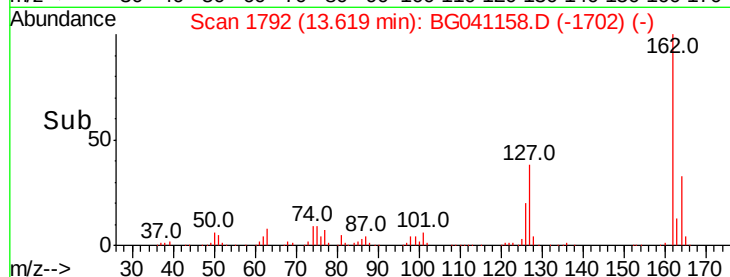
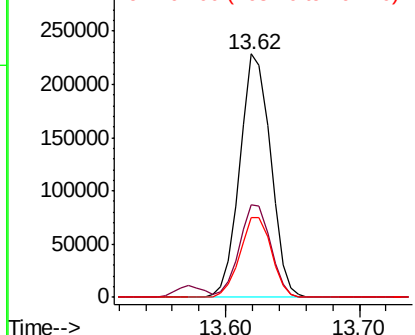


Abundance

Ion 162.00 (161.70 to 162.70): E

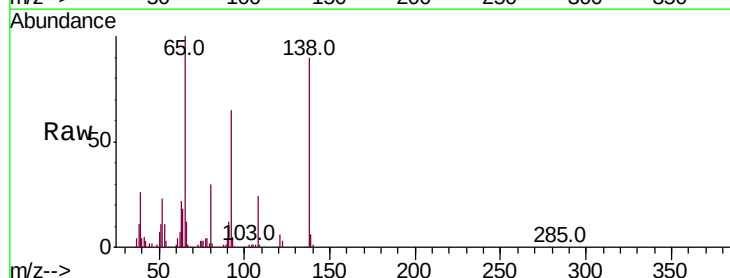
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 44.283 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	51.0	76.6
138	90.4	71.2	106.8

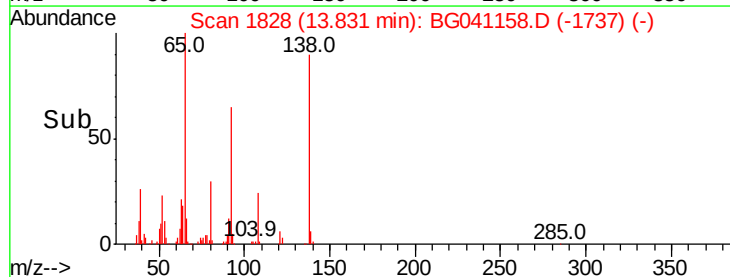
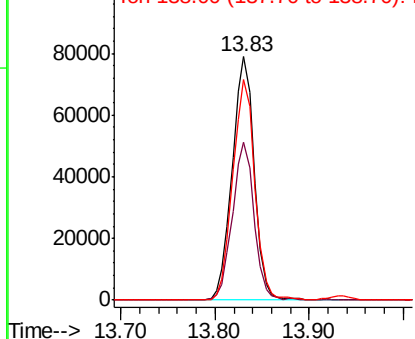


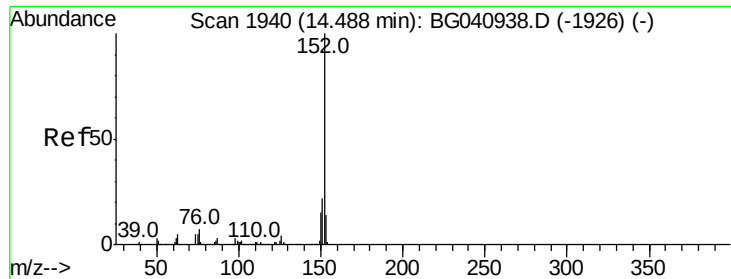
Abundance

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: 46.112 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

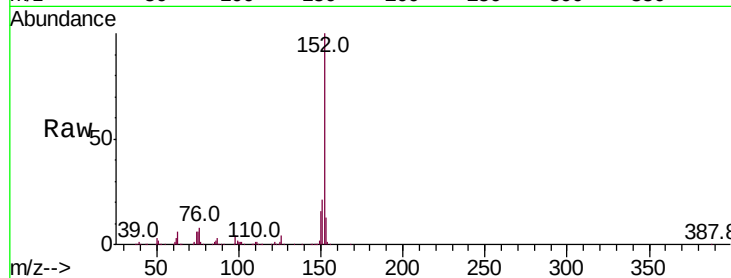
ClientSampleId :

PB120413BS

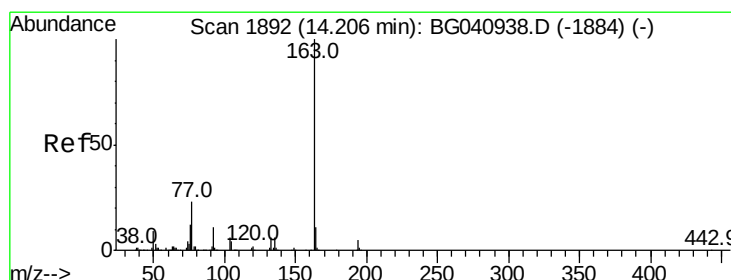
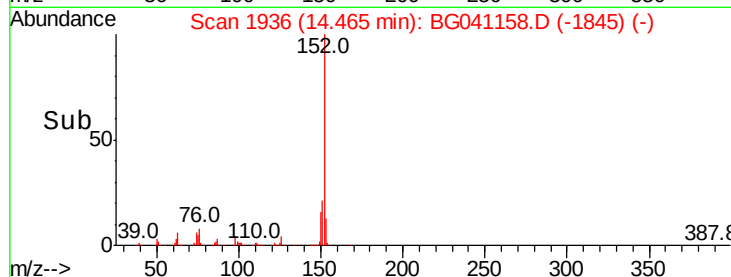
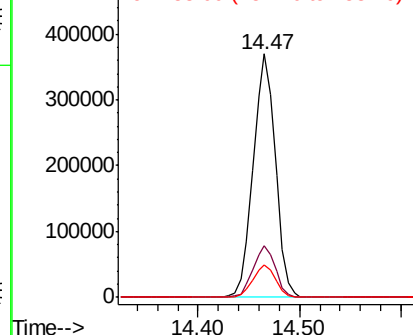
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.4	26.0
153	13.5	11.0	16.4

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



#50

Dimethylphthalate

Concen: 43.967 ng

RT: 14.18 min Scan# 1888

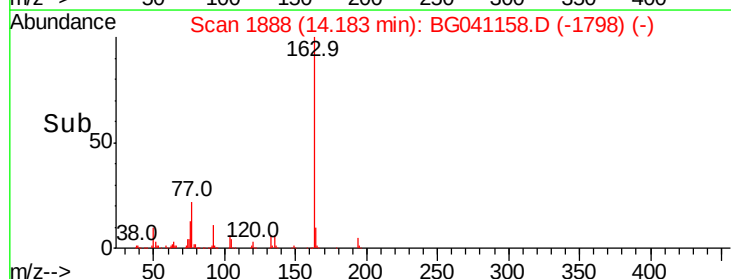
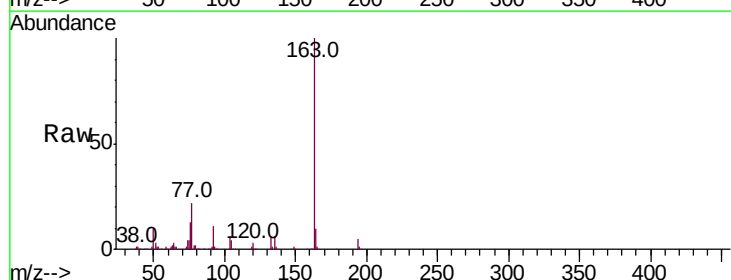
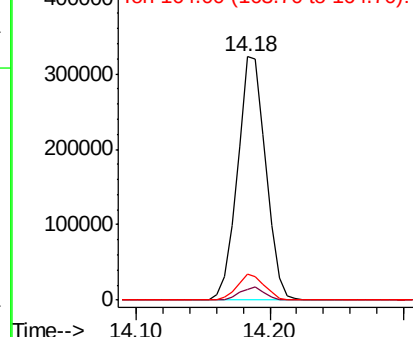
Delta R.T. -0.00 min

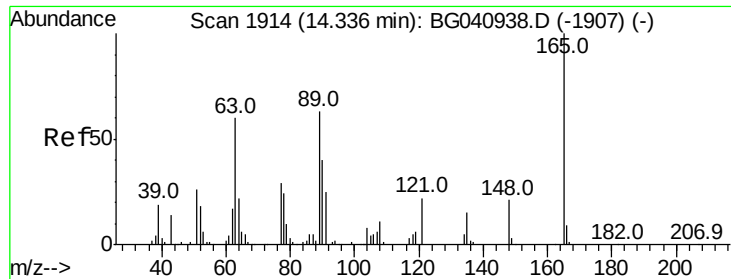
Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.8
164	10.5	8.7	13.1

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





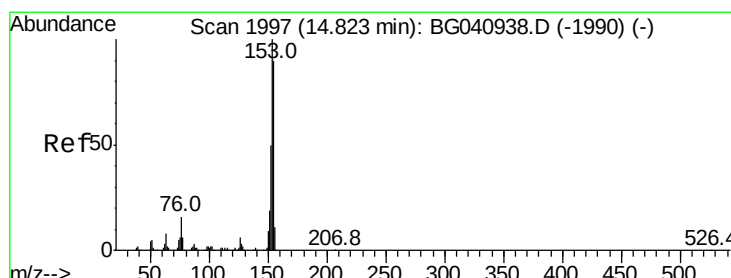
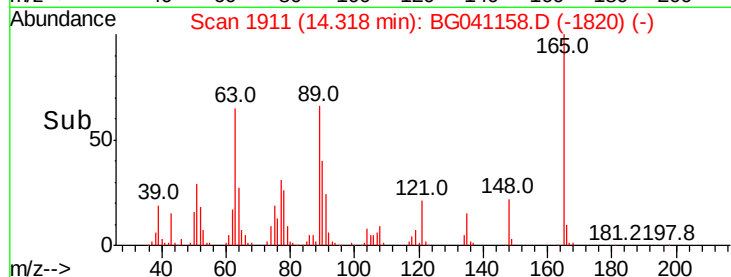
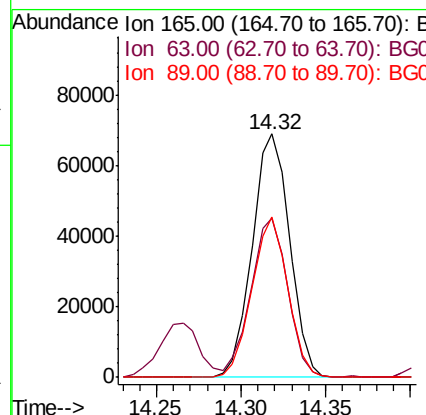
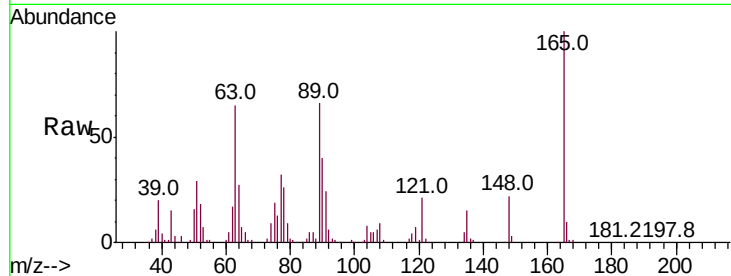
#51
2,6-Dinitrotoluene
Concen: 45.617 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	105867		
63	65.3	53.6	80.4	
89	65.7	50.4	75.6	

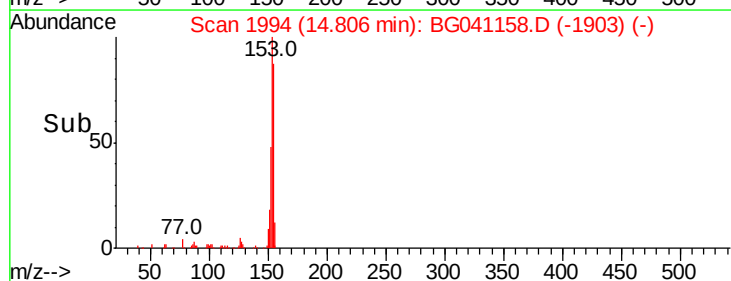
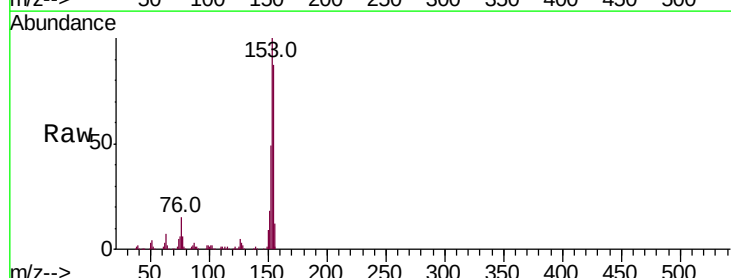
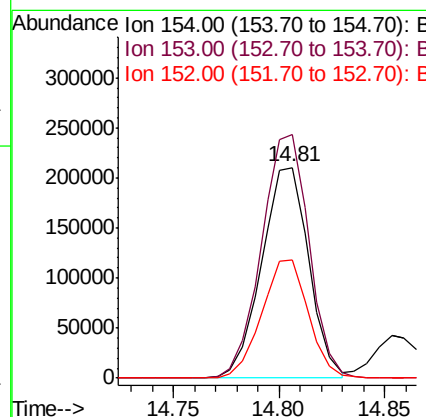
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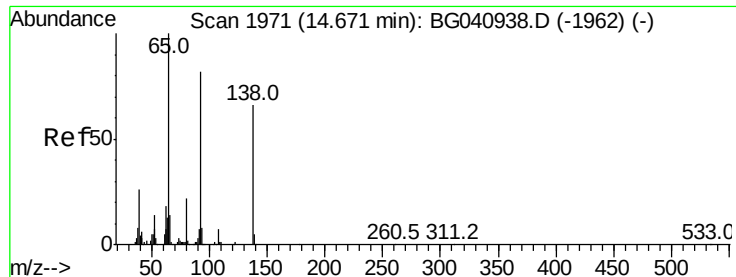
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#52
Acenaphthene
Concen: 44.380 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	326963		
153	115.5	88.6	133.0	
152	56.2	44.2	66.4	





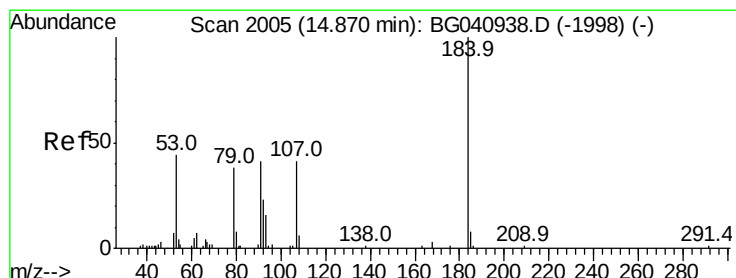
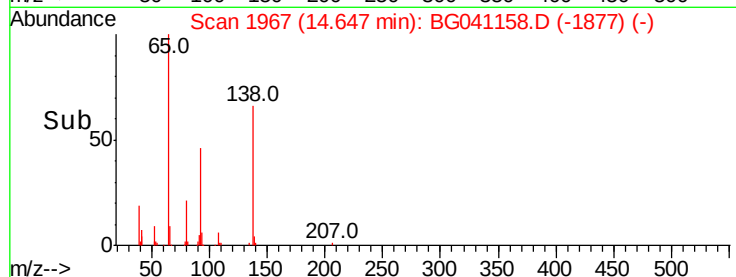
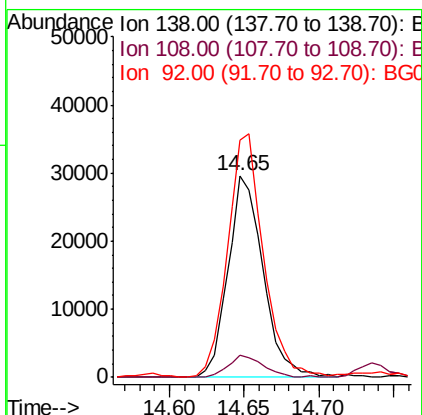
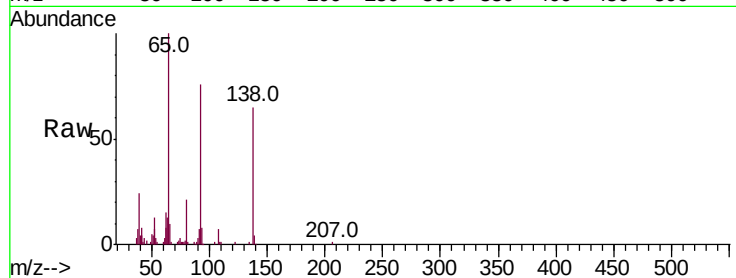
#53
3-Nitroaniline
Concen: 20.971 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	117.7	99.0	148.6

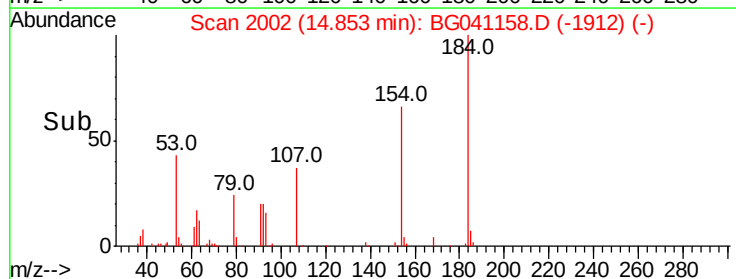
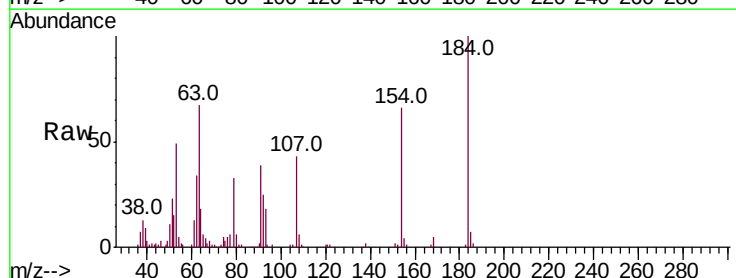
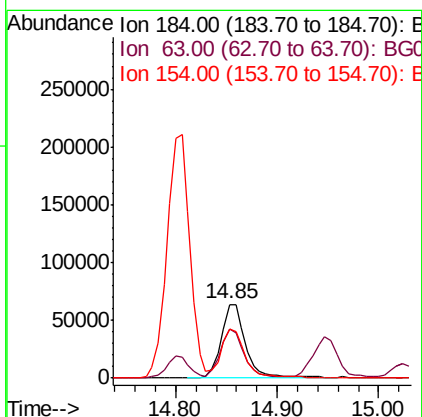
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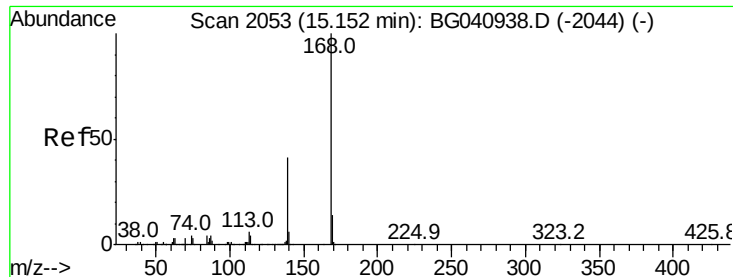
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#54
2,4-Dinitrophenol
Concen: 86.111 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	49.8	74.6
154	66.2	52.2	78.4





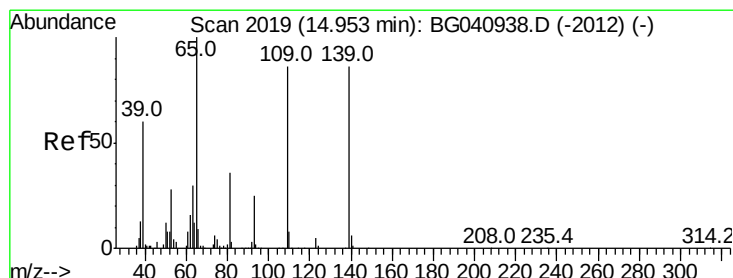
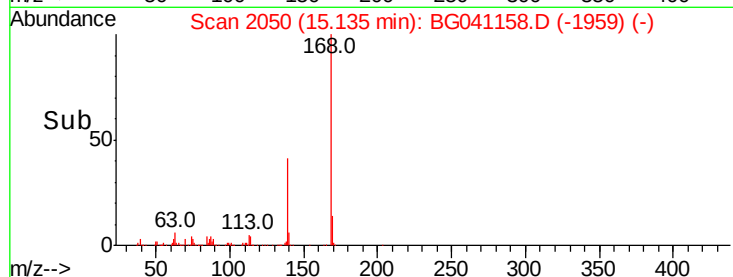
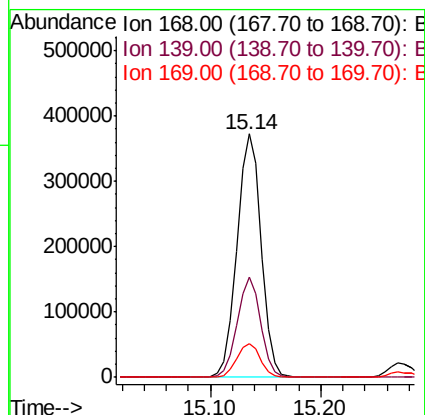
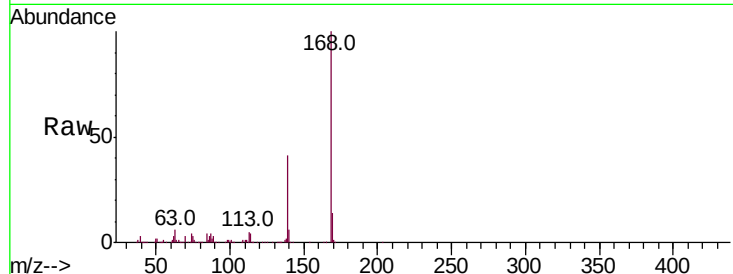
#55
Dibenzenofuran
Concen: 45.966 ng
RT: 15.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.9	32.8	49.2	
169	13.9	11.3	16.9	

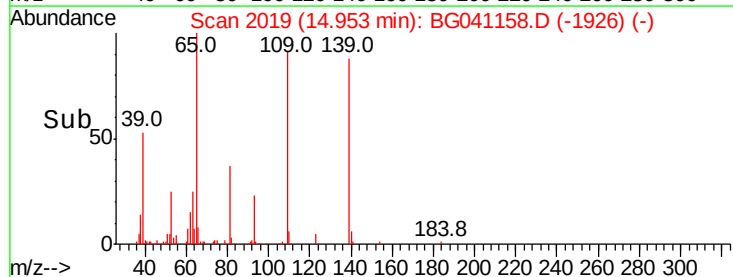
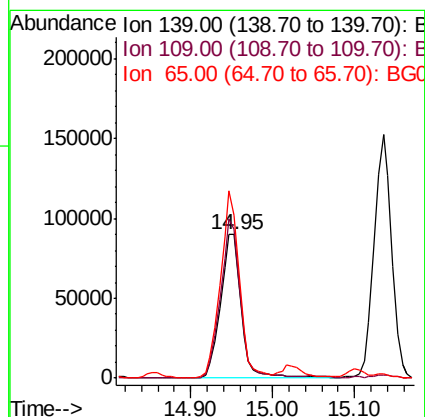
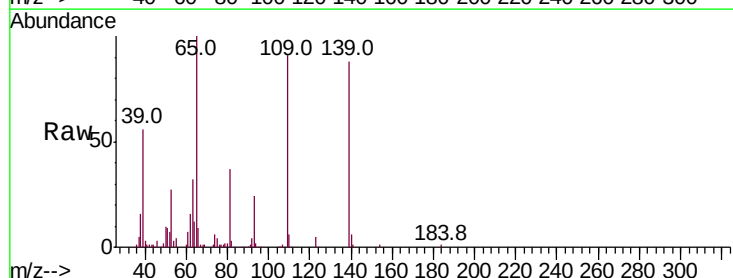
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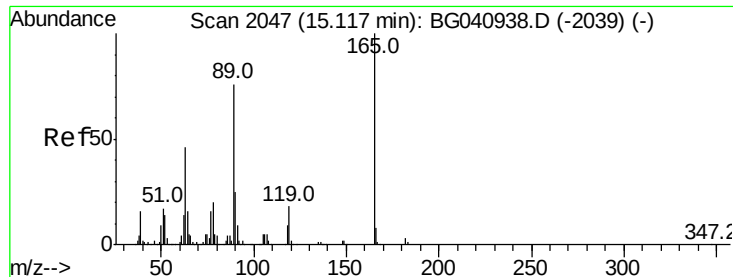
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#56
4-Nitrophenol
Concen: 99.626 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	103.8	79.6	119.6	
65	114.0	96.9	136.9	





#57

2,4-Dinitrotoluene

Concen: 46.438 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

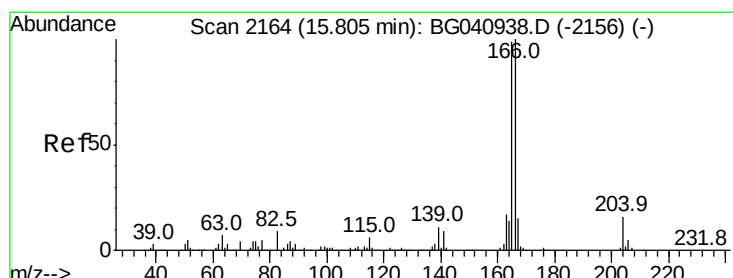
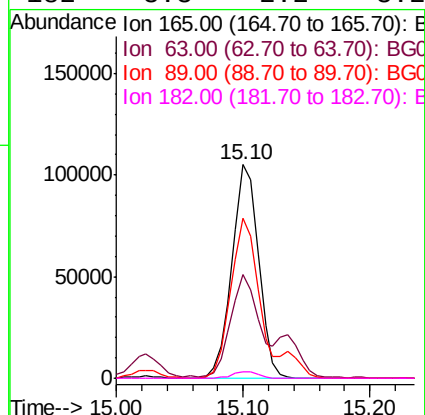
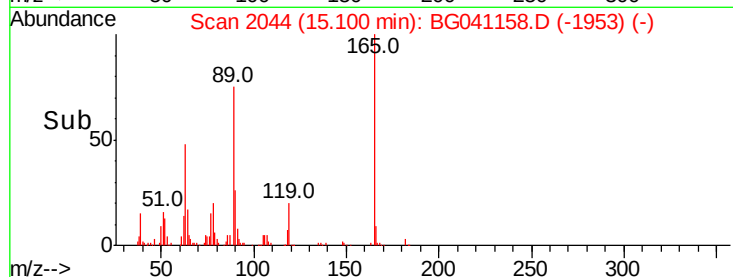
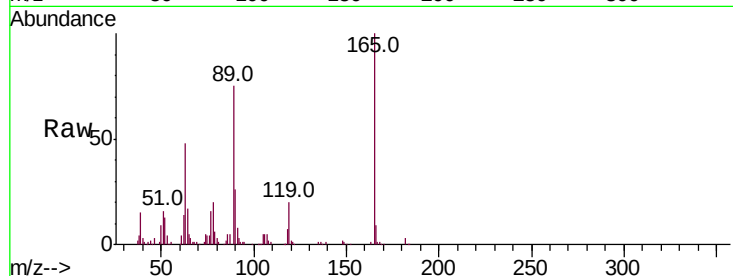
ClientSampleId :

PB120413BS

Tot Ion:	165	Resp:	152237
Ion Ratio	Lower	Upper	
165	100		
63	48.3	37.3	55.9
89	74.9	61.0	91.6
182	3.3	2.2	3.2#

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#58

Fluorene

Concen: 44.861 ng

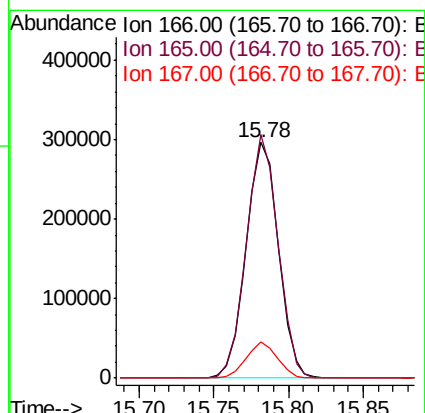
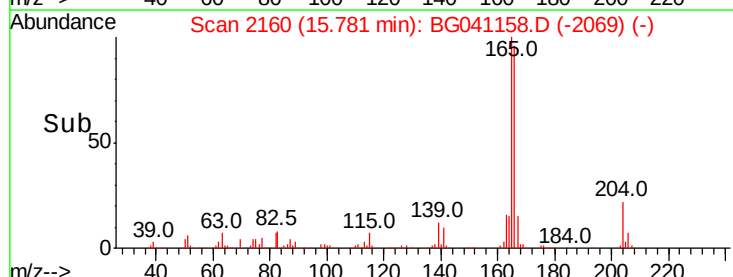
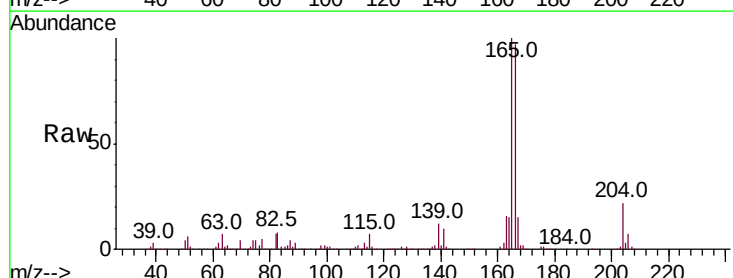
RT: 15.78 min Scan# 2160

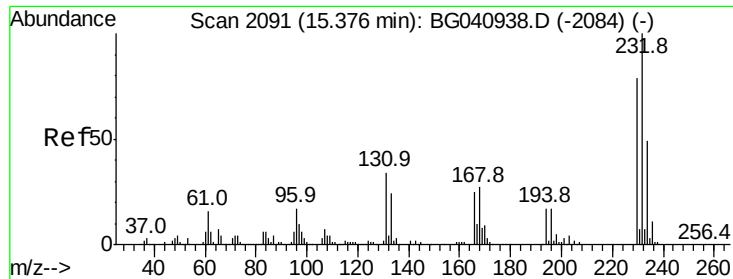
Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	166	Resp:	442893
Ion Ratio	Lower	Upper	
166	100		
165	103.5	79.2	118.8
167	15.3	11.8	17.6





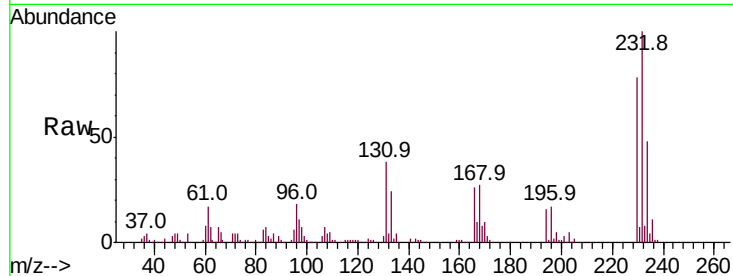
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.655 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

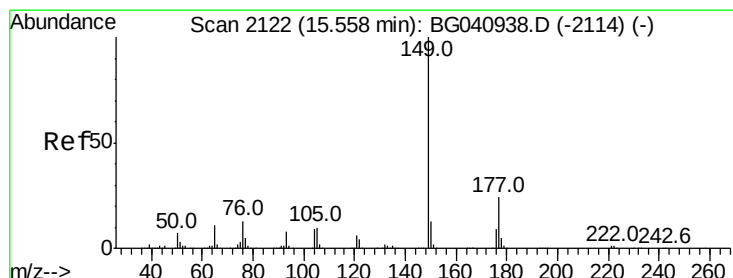
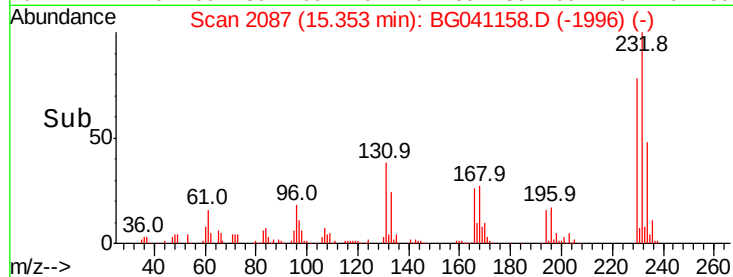
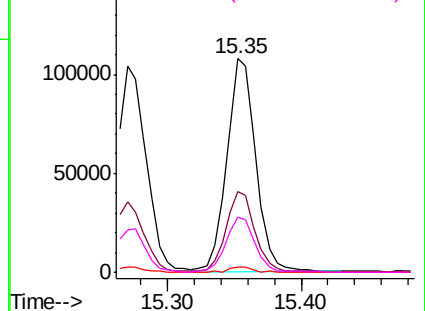
Tot Ion:	232	Resp:	163756
Ion Ratio	Lower	Upper	
232	100		
131	37.7	30.3	45.5
130	2.0	1.8	2.8
166	26.4	21.3	31.9

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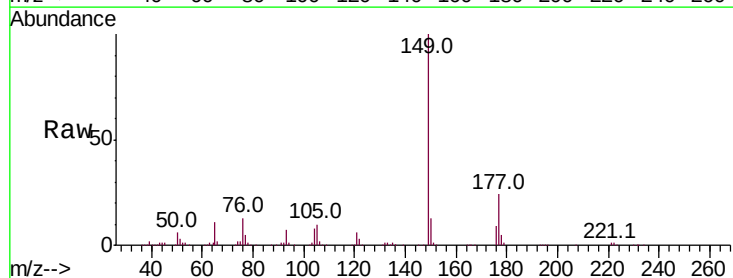


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

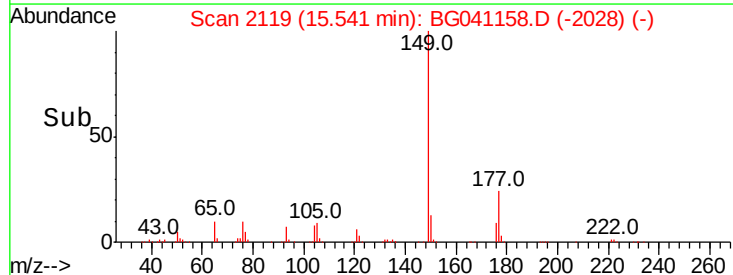
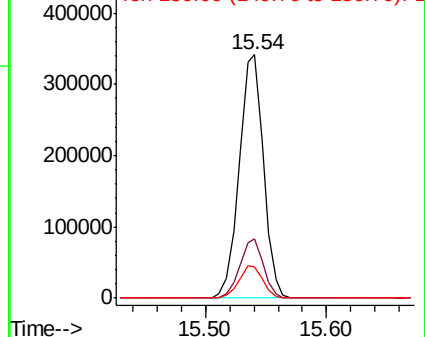


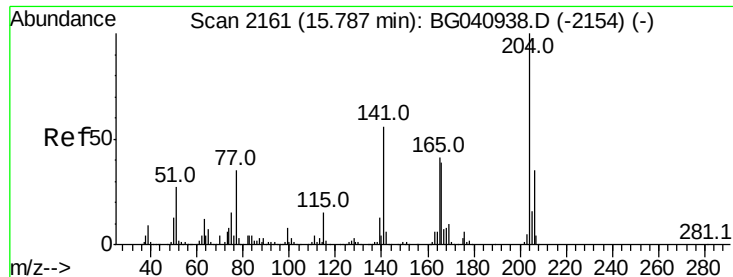
#60
 Diethylphthalate
 Concen: 43.440 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion:	149	Resp:	477179
Ion Ratio	Lower	Upper	
149	100		
177	24.4	19.4	29.0
150	13.0	10.3	15.5



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: 44.765 ng

RT: 15.77 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

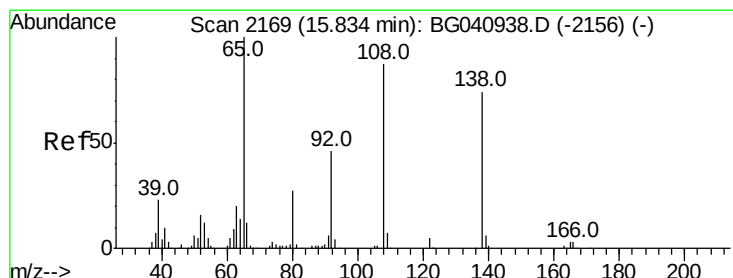
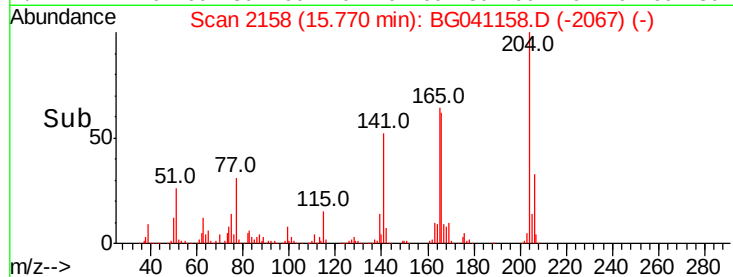
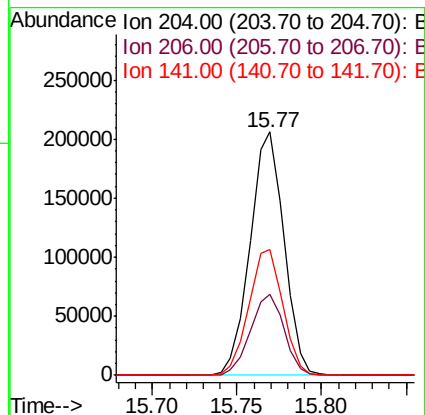
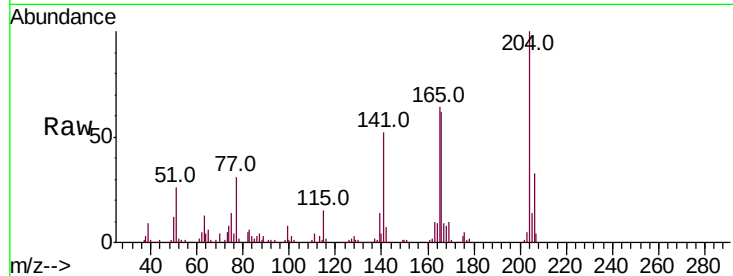
ClientSampleId :

PB120413BS

Tot Ion:	204	Resp:	287254
Ion Ratio	Lower	Upper	
204	100		
206	33.5	27.6	41.4
141	51.8	45.1	67.7

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#62

4-Nitroaniline

Concen: 41.978 ng

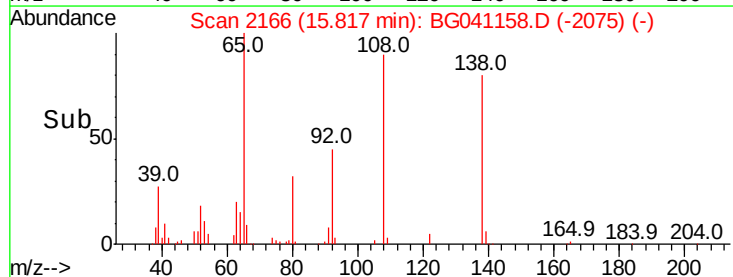
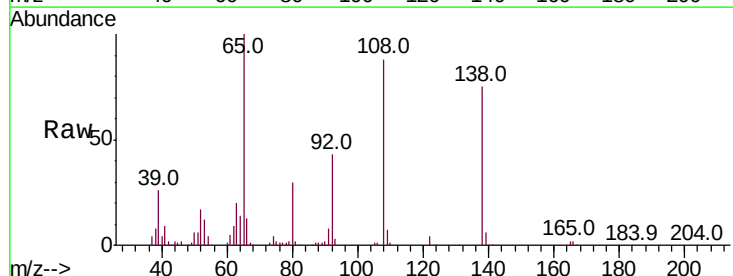
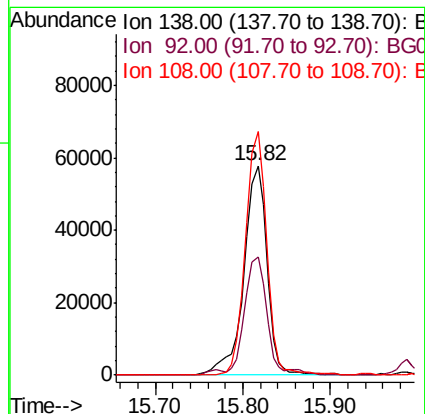
RT: 15.82 min Scan# 2166

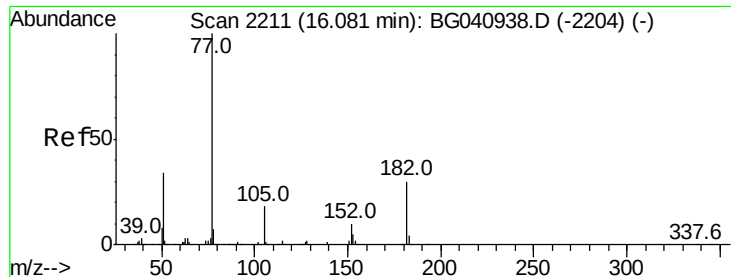
Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	138	Resp:	103133
Ion Ratio	Lower	Upper	
138	100		
92	56.6	42.4	82.4
108	116.4	96.9	136.9





#63

Azobenzene

Concen: 44.728 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

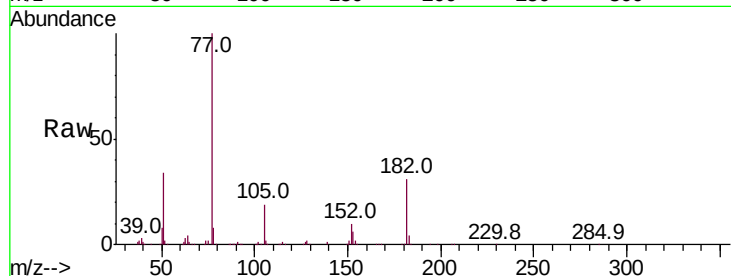
ClientSampleId :

PB120413BS

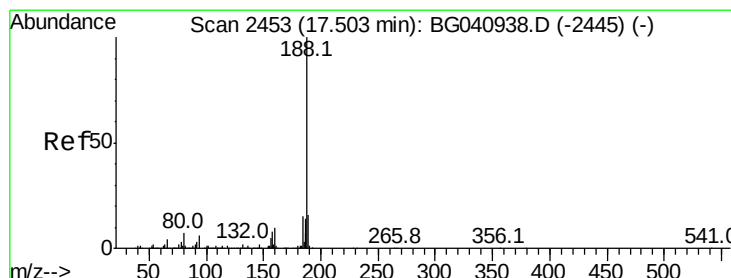
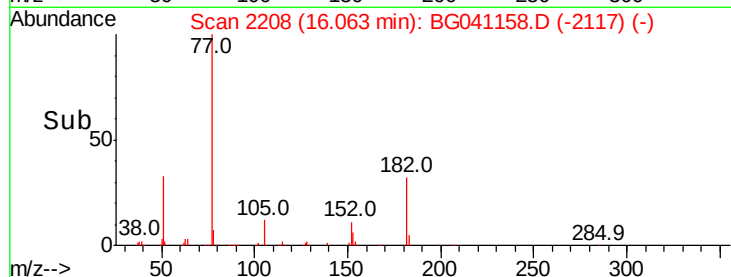
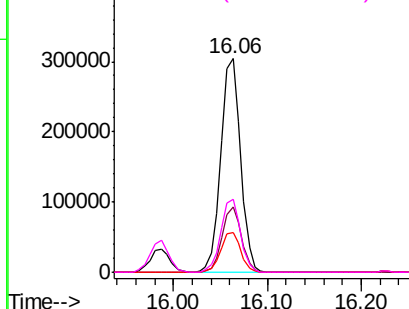
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.8	9.6	49.6	
105	18.7	0.0	37.5	
51	34.0	13.7	53.7	

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



#64

Phenanthrene-d10

Concen: 20.000 ng

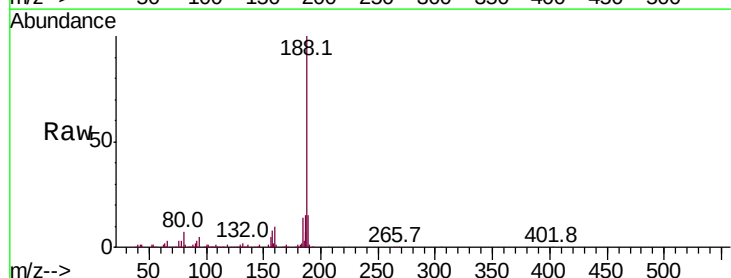
RT: 17.49 min Scan# 2450

Delta R.T. 0.00 min

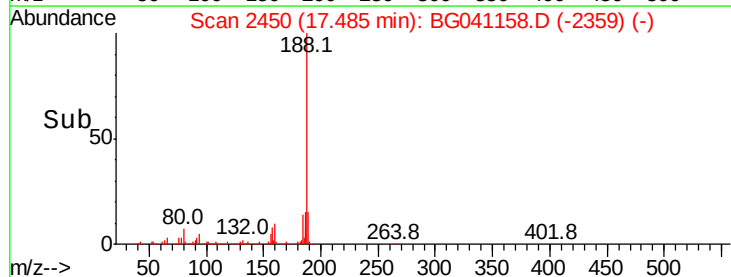
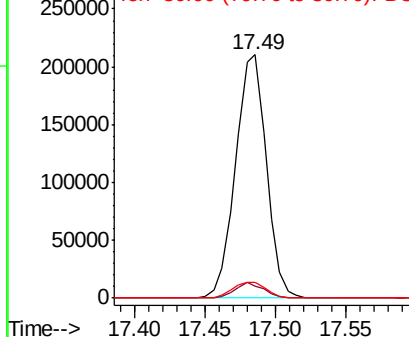
Lab File: BG041158.D

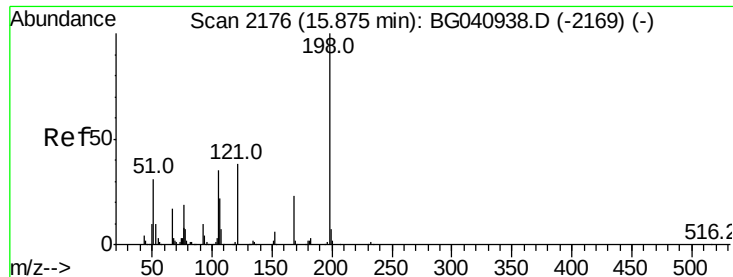
Acq: 10 Jun 2019 10:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.1	4.7	7.1	
80	6.7	5.8	8.8	



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: 48.952 ng

RT: 15.86 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

ClientSampleId :

PB120413BS

Tot Ion:198 Resp: 84396

Ion Ratio Lower Upper

198 100

51 43.9 21.6 61.6

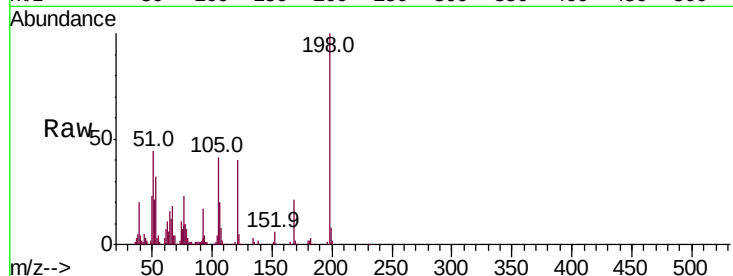
105 41.2 17.5 57.5

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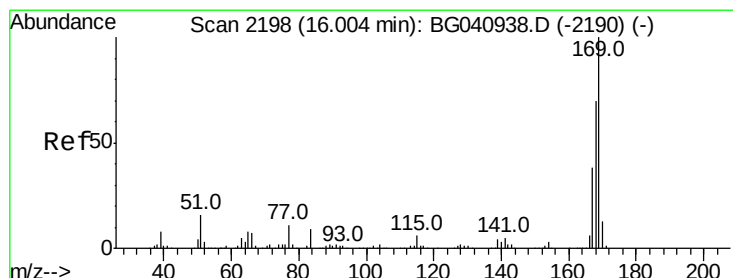
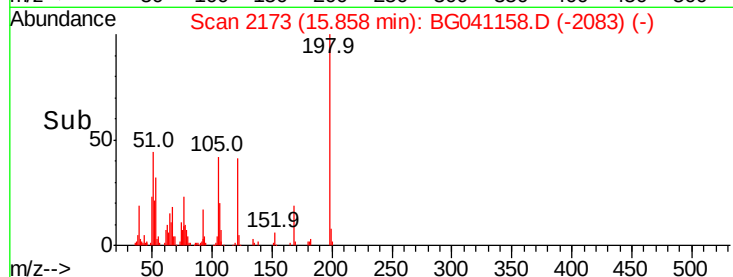
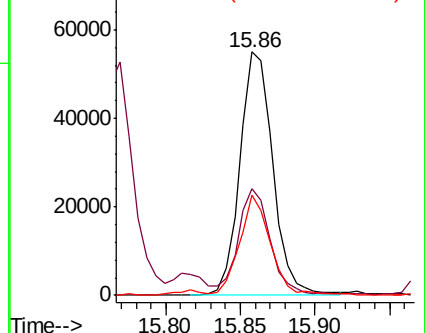
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.346 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

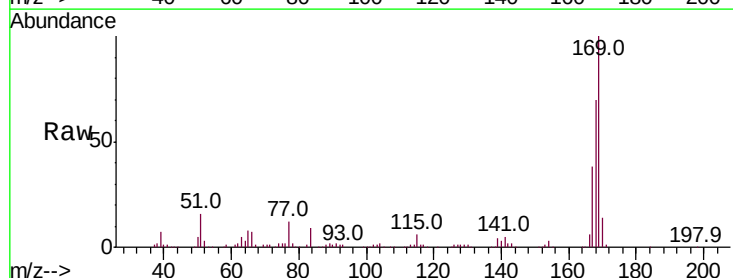
Tgt Ion:169 Resp: 408390

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

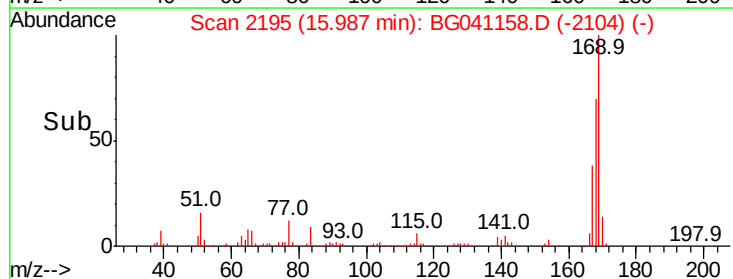
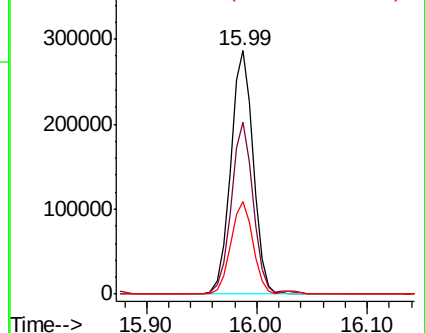
167 37.9 30.2 45.2

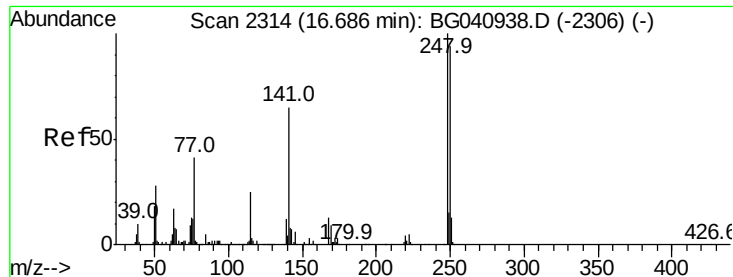


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





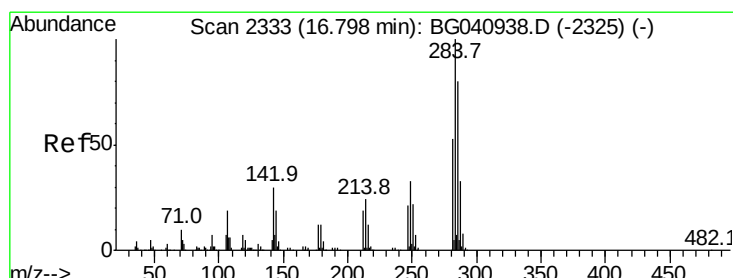
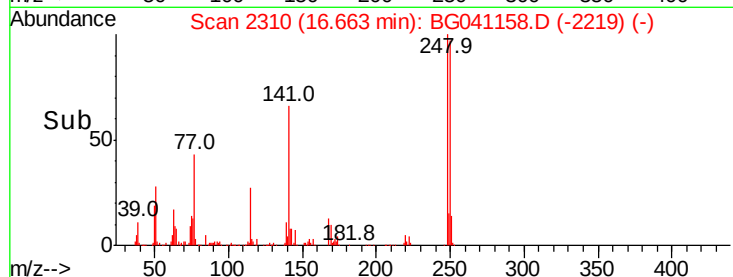
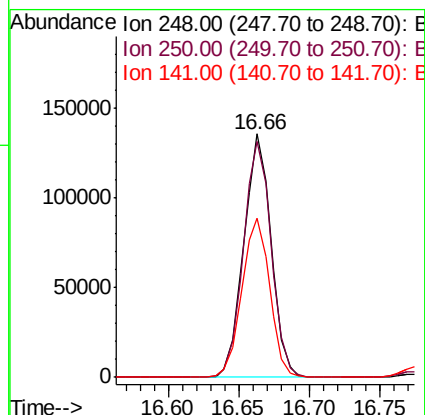
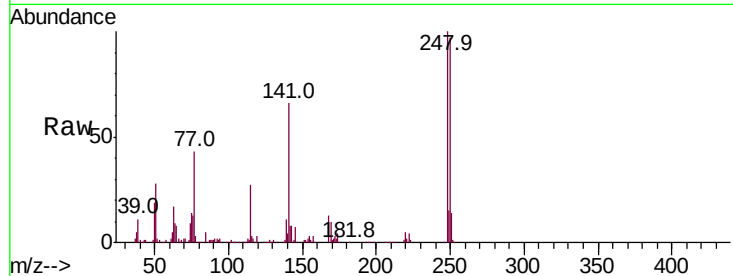
#67
4-Bromophenyl-phenylether
Concen: 42.433 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	75.0	112.4
141	65.6	52.4	78.6

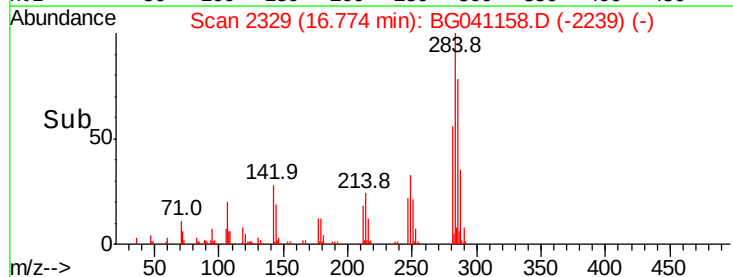
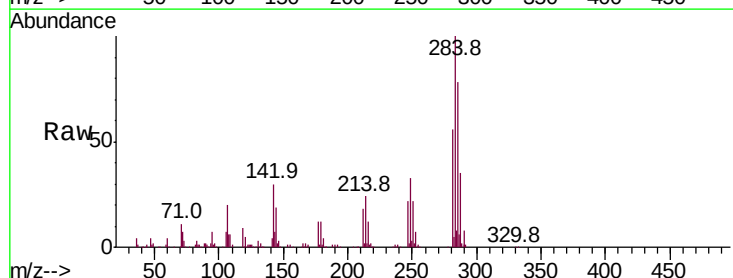
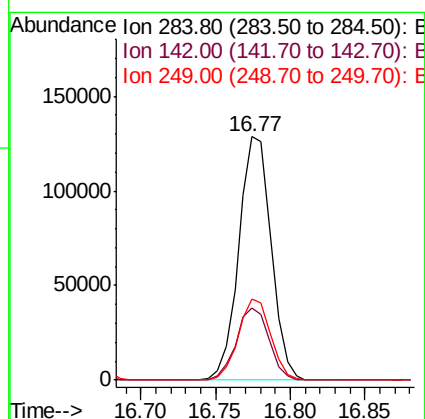
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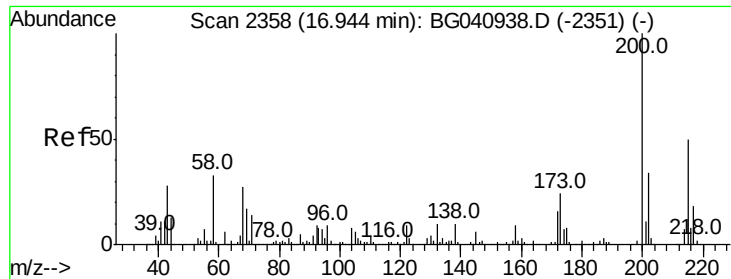
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#68
Hexachlorobenzene
Concen: 41.953 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	23.9	35.9
249	33.4	26.8	40.2





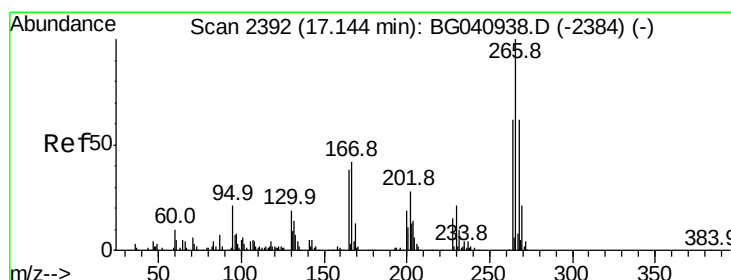
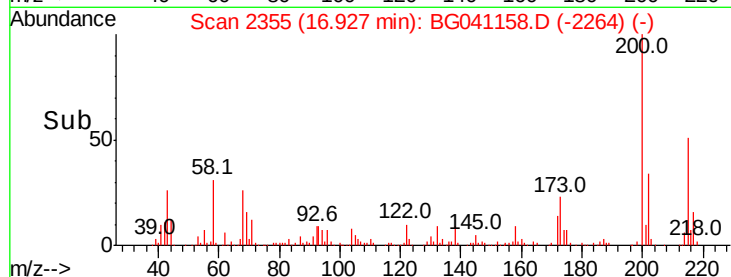
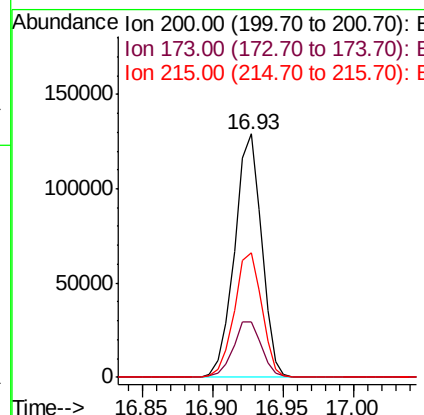
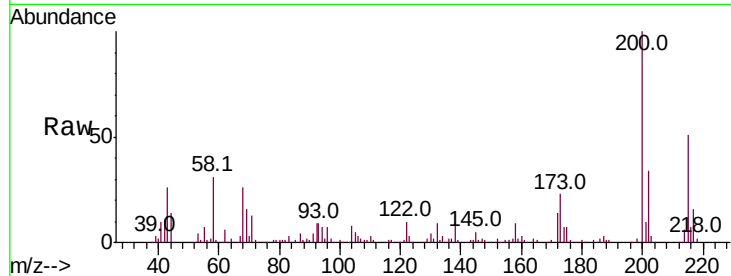
#69
Atrazine
Concen: 49.408 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	3.6	43.6
215	51.3	29.6	69.6

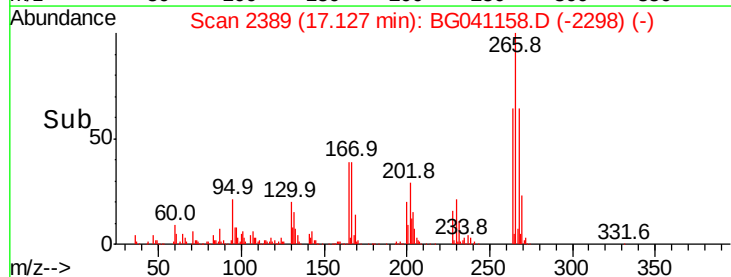
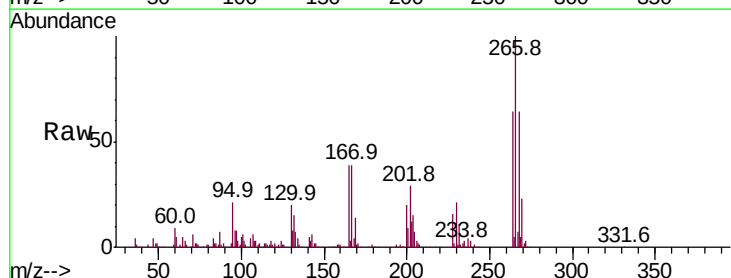
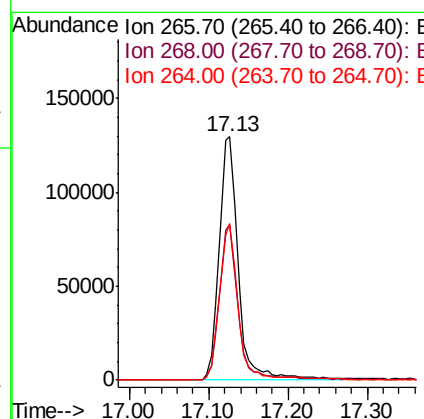
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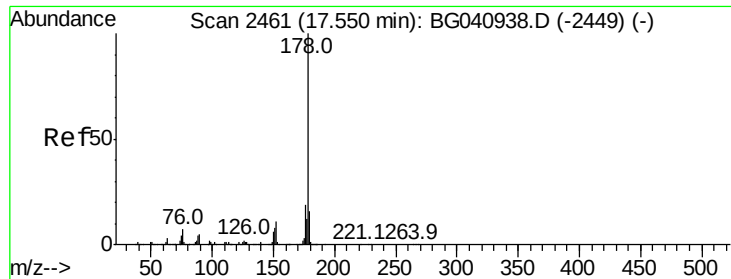
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#70
Pentachlorophenol
Concen: 87.798 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.1	79.7
264	64.2	49.9	74.9





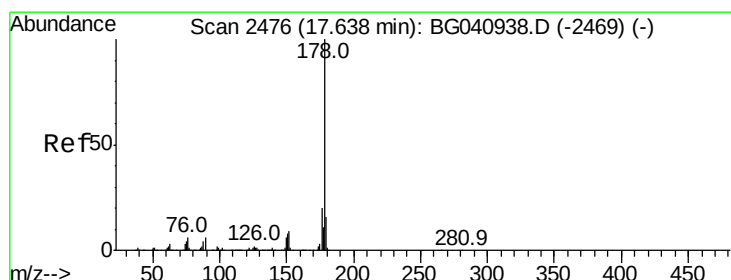
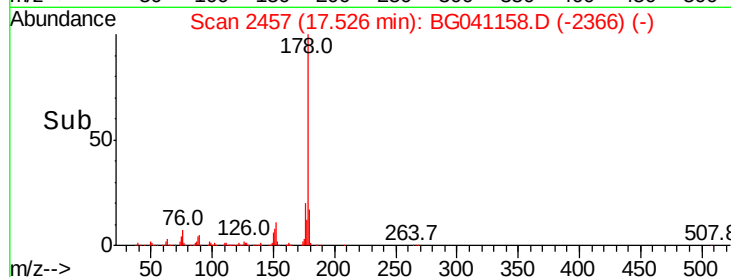
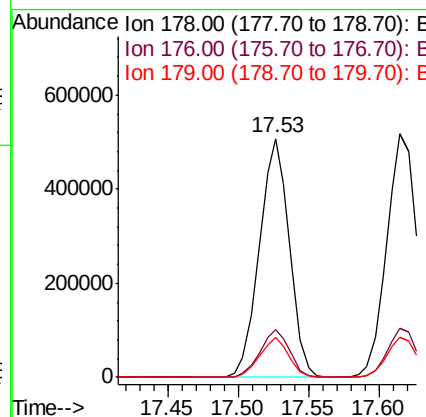
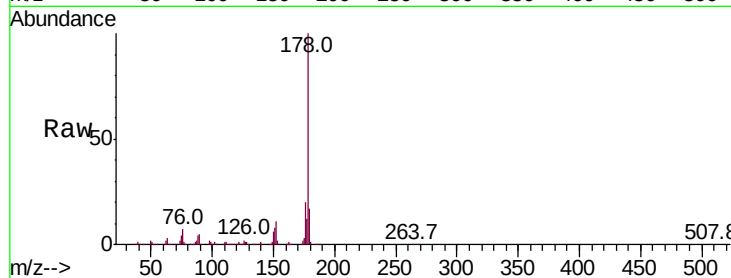
#71
 Phenanthrene
 Concen: 45.454 ng
 RT: 17.53 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.6	12.7	19.1

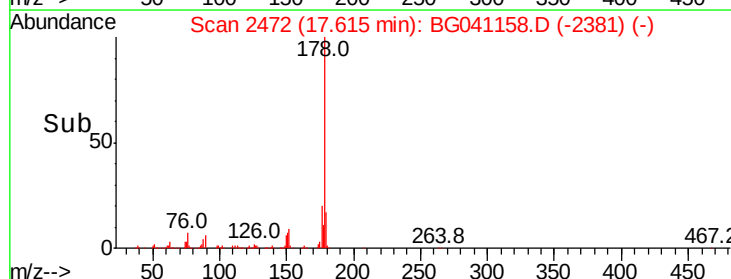
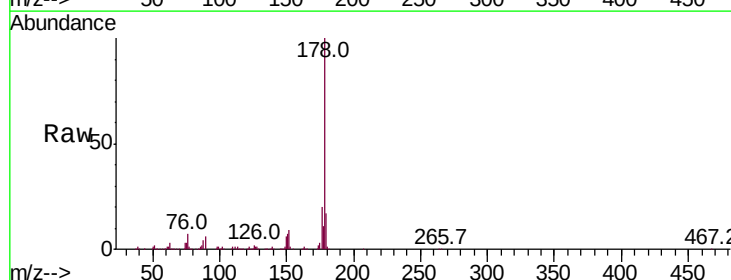
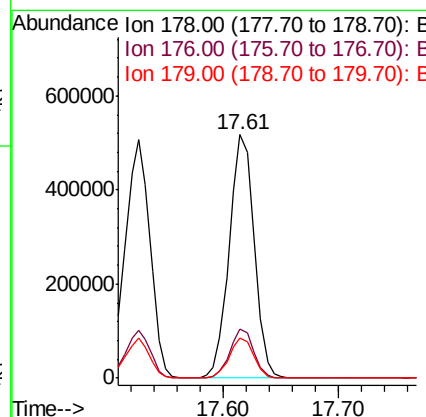
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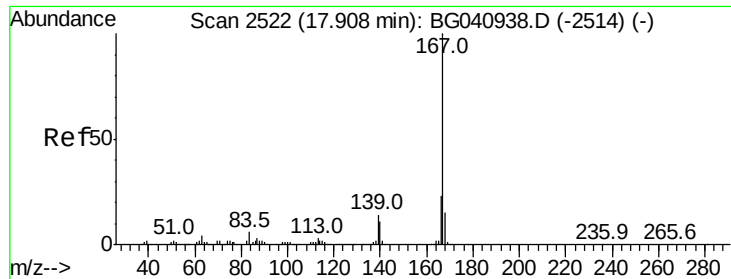
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#72
 Anthracene
 Concen: 47.115 ng
 RT: 17.61 min Scan# 2472
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	16.7	13.0	19.4





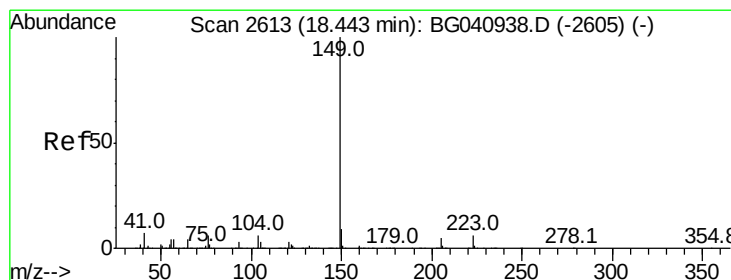
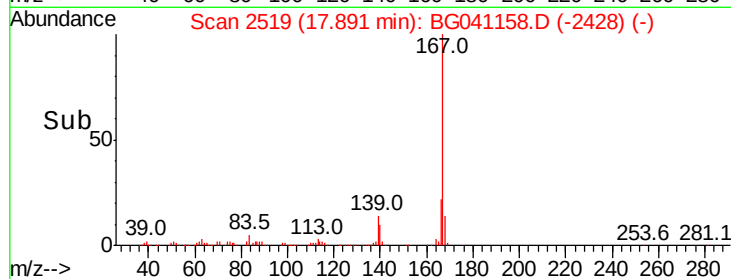
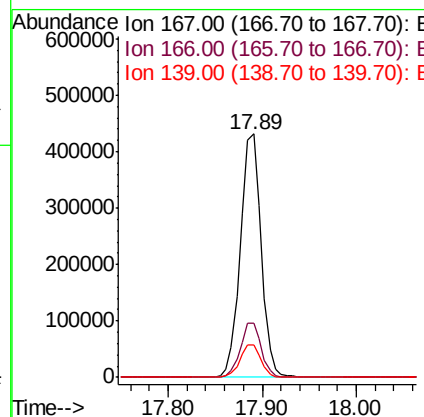
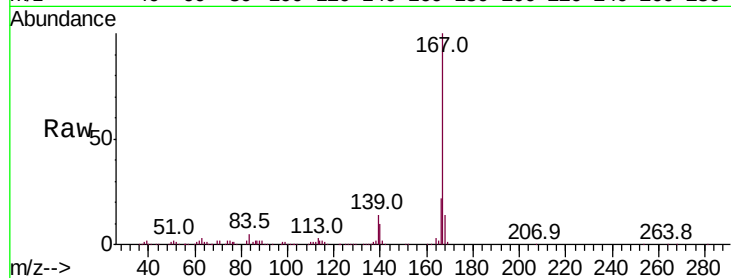
#73
 Carbazole
 Concen: 47.049 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Instrument :
 BNA_G
 ClientSampleId :
 PB120413BS

Tot Ion:	167	Resp:	664440
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.2	27.4
139	13.5	10.8	16.2

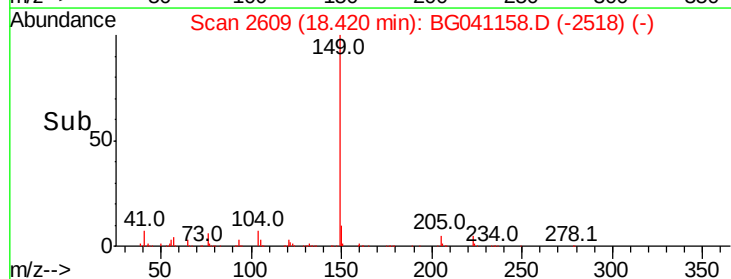
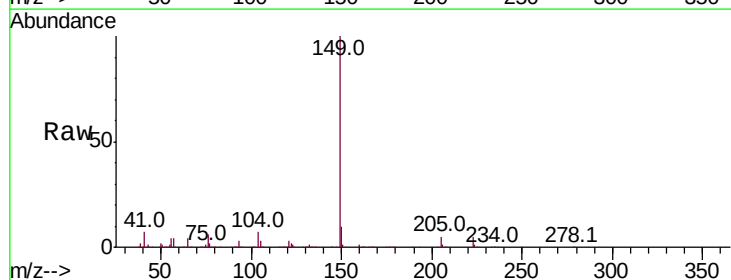
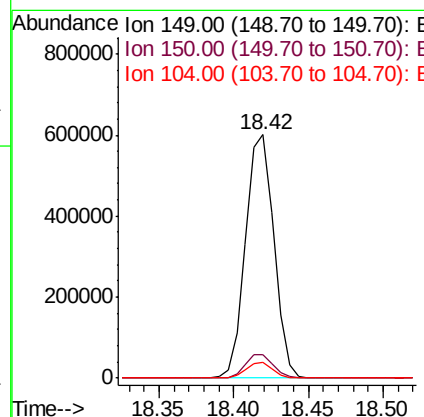
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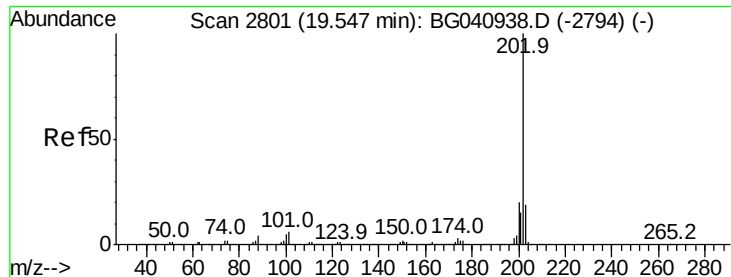
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.052 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041158.D
 Acq: 10 Jun 2019 10:24

Tgt Ion:	149	Resp:	790763
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 47.565 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

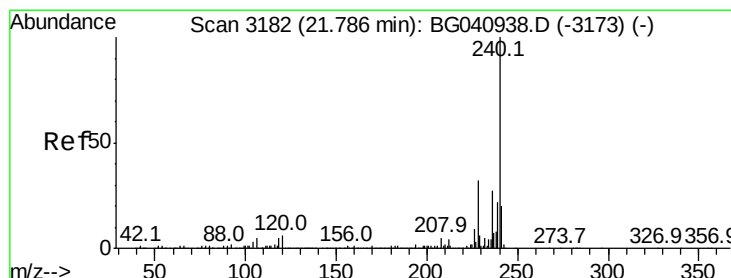
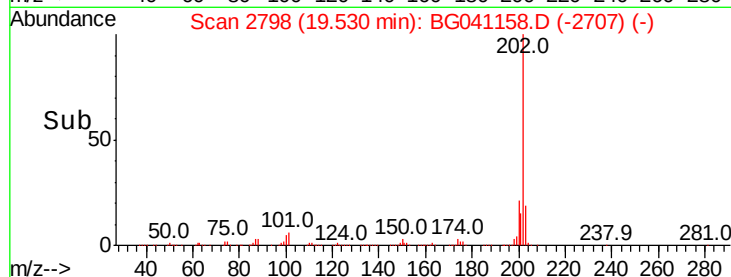
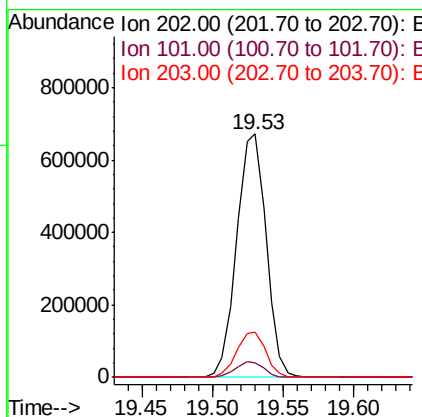
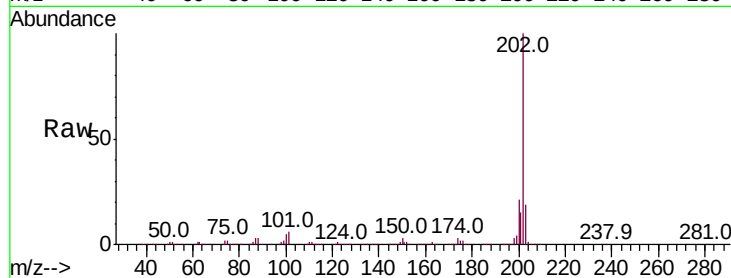
ClientSampleId :

PB120413BS

Tot Ion:	202	Resp:	980420
Ion Ratio	Lower	Upper	
202	100		
101	5.9	0.0	26.2
203	18.6	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

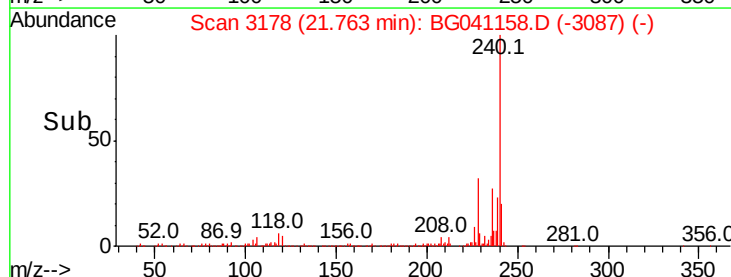
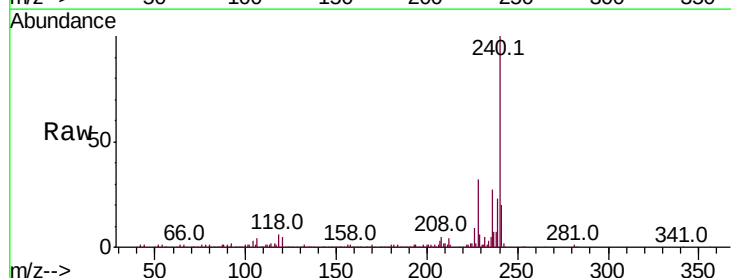
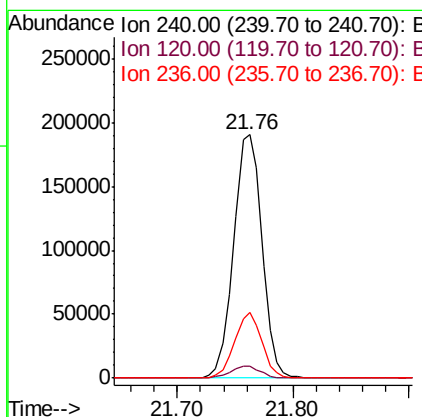
RT: 21.76 min Scan# 3178

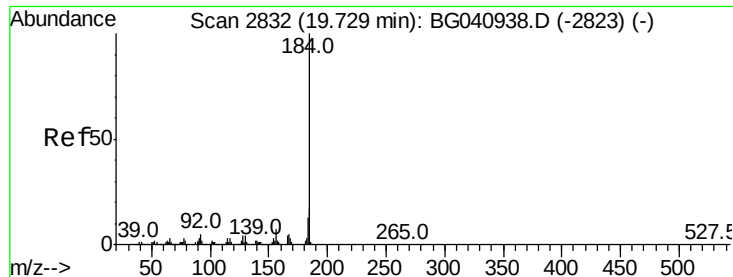
Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	240	Resp:	323247
Ion Ratio	Lower	Upper	
240	100		
120	5.1	4.5	6.7
236	27.1	21.3	31.9





#77

Benzidine

Concen: 19.188 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

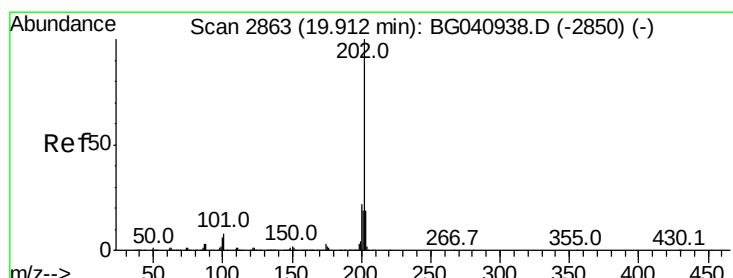
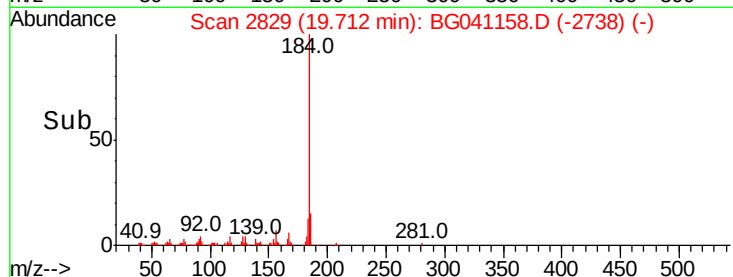
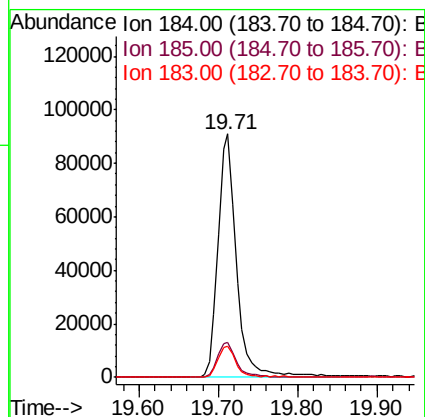
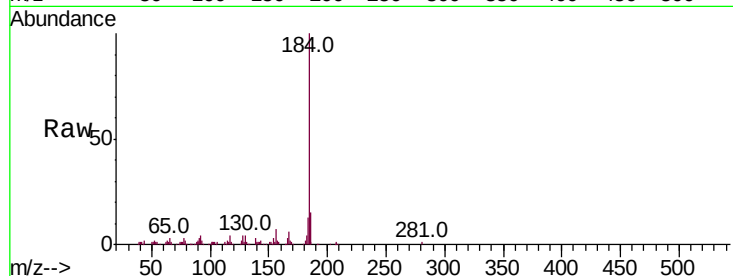
ClientSampleId :

PB120413BS

Tot Ion:	184	Resp:	147963
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.3	19.9
183	12.7	10.7	16.1

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#78

Pyrene

Concen: 46.824 ng

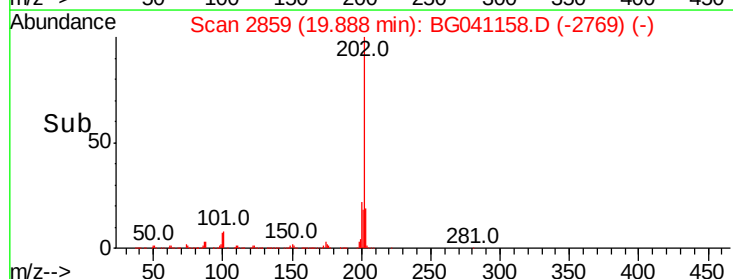
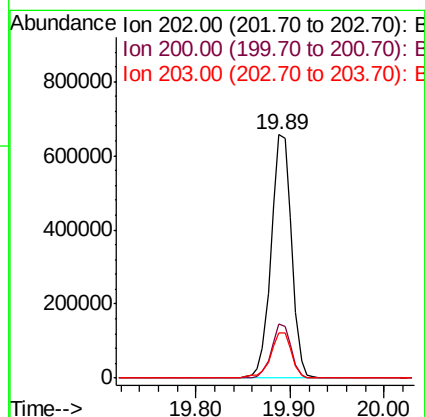
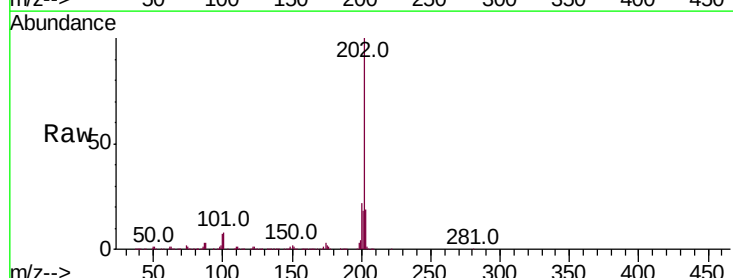
RT: 19.89 min Scan# 2859

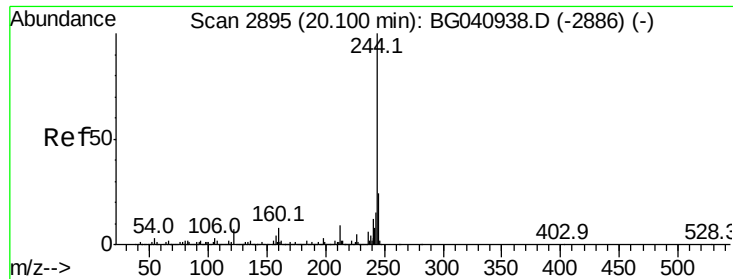
Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	202	Resp:	983928
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.5	26.3
203	18.6	15.6	23.4





#79

Terphenyl-d14

Concen: 95.739 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

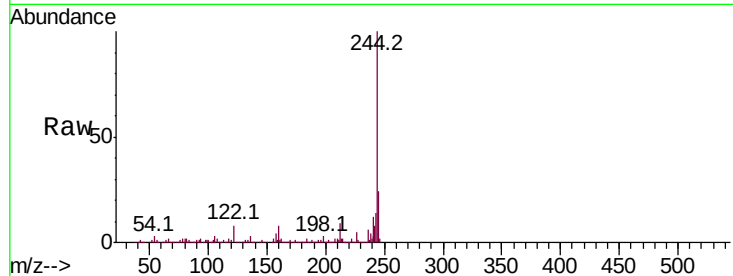
ClientSampleId :

PB120413BS

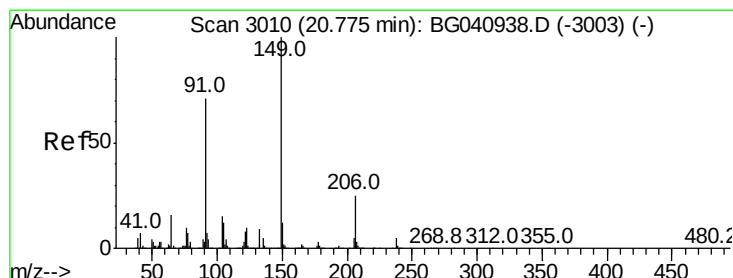
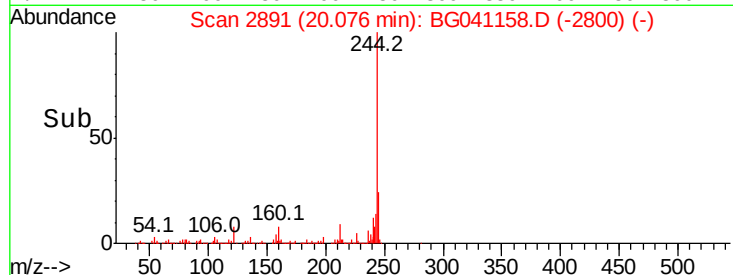
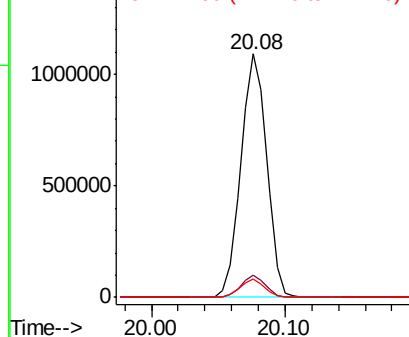
Tot Ion:	244	Resp:	1458175
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.4
122	7.6	5.4	8.0

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



#80

Butylbenzylphthalate

Concen: 45.413 ng

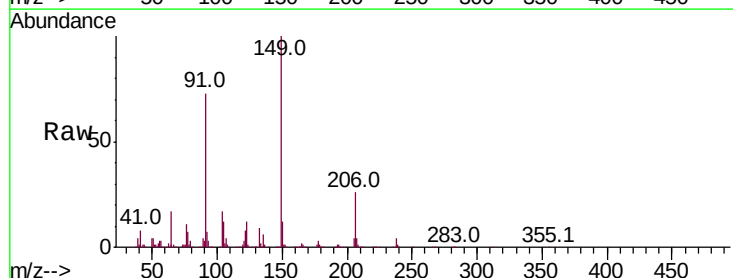
RT: 20.75 min Scan# 3006

Delta R.T. -0.00 min

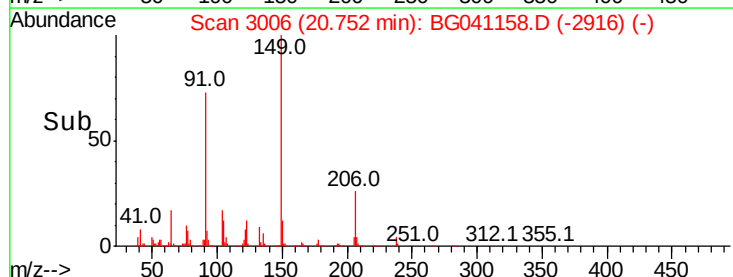
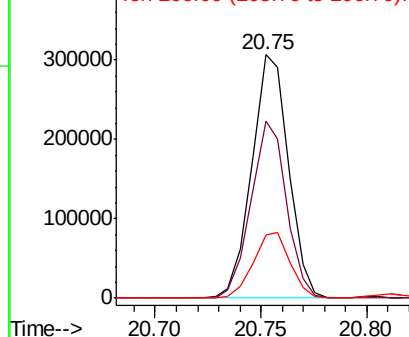
Lab File: BG041158.D

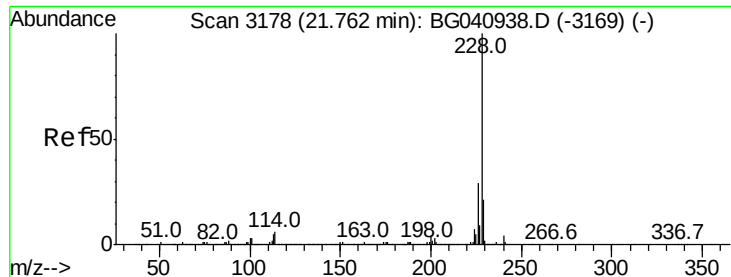
Acq: 10 Jun 2019 10:24

Tgt Ion:	149	Resp:	371364
Ion	Ratio	Lower	Upper
149	100		
91	72.7	56.5	84.7
206	25.8	20.3	30.5



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





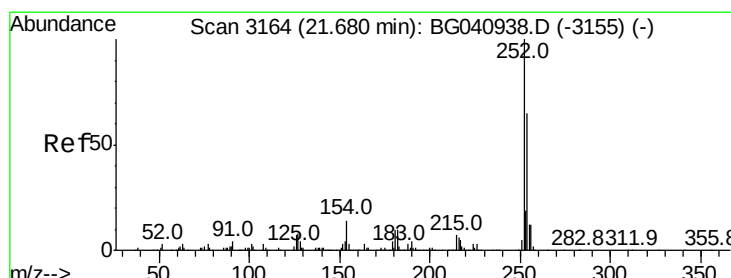
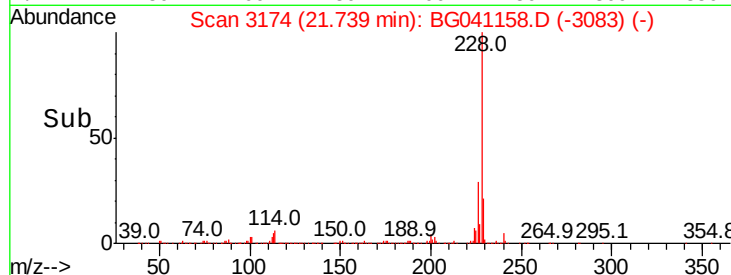
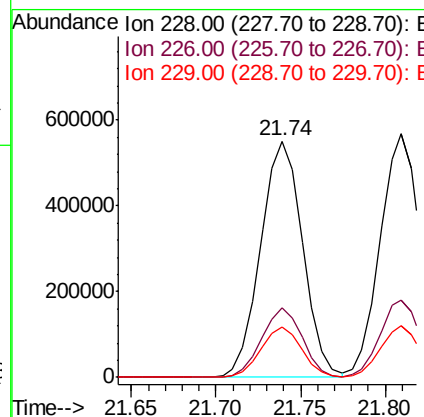
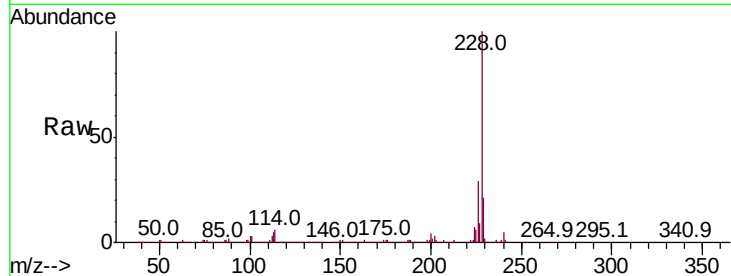
#81
Benzo(a)anthracene
Concen: 44.300 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	21.2	16.7	25.1

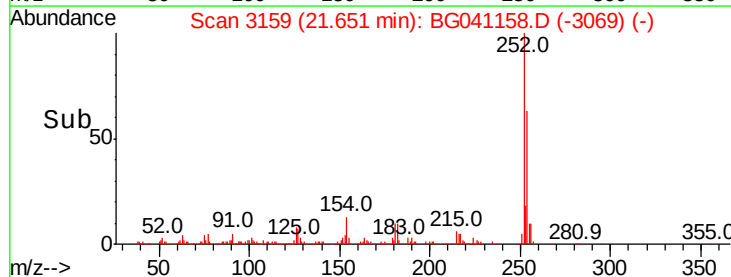
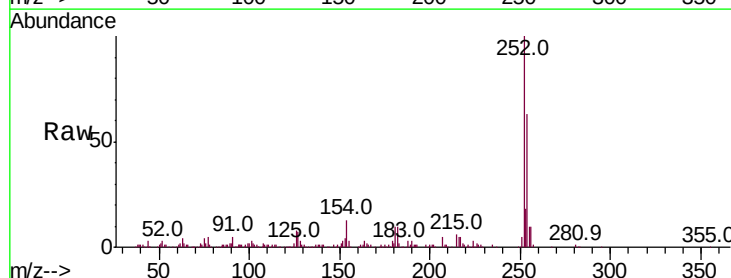
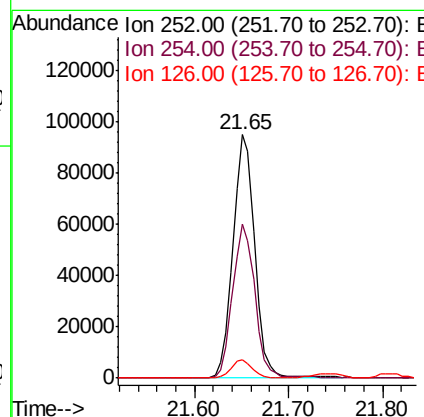
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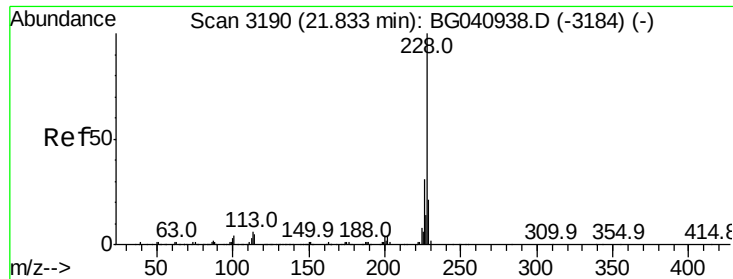
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 20.175 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	7.5	5.5	8.3





#83

Chrysene

Concen: 45.615 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

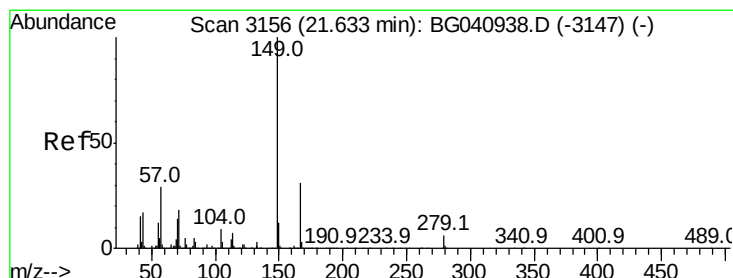
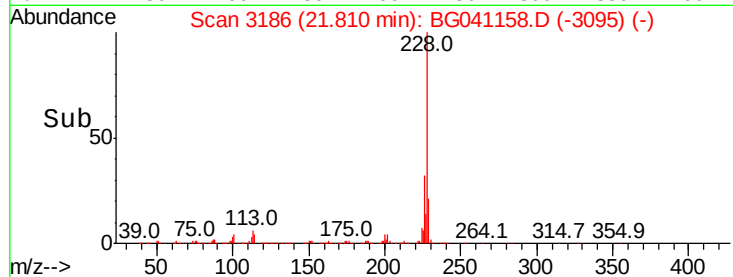
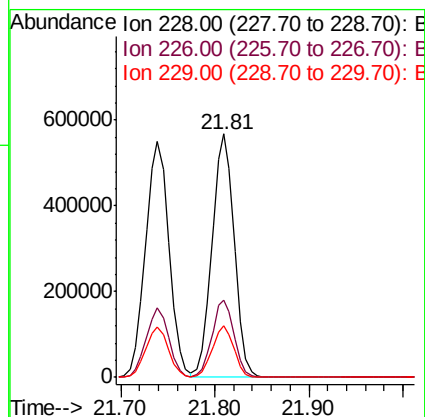
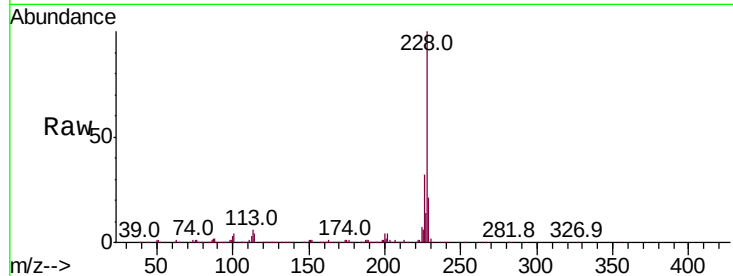
ClientSampleId :

PB120413BS

Tot Ion:	228	Resp:	939273
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.6	37.0
229	21.4	16.6	24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.413 ng

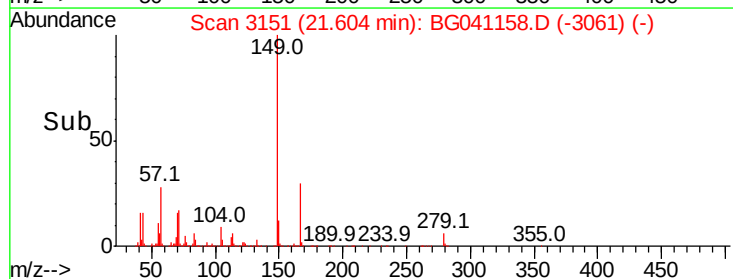
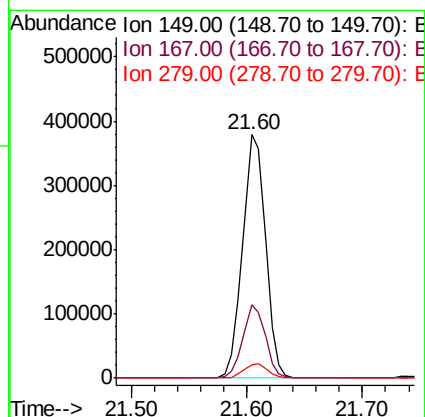
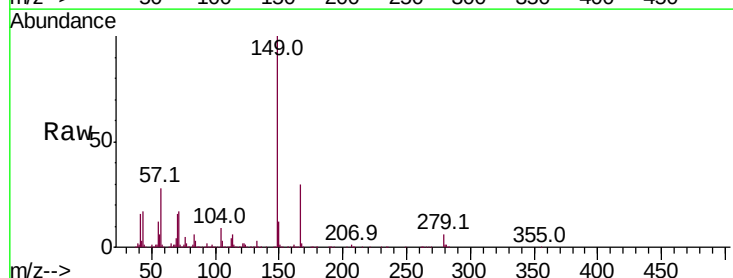
RT: 21.60 min Scan# 3151

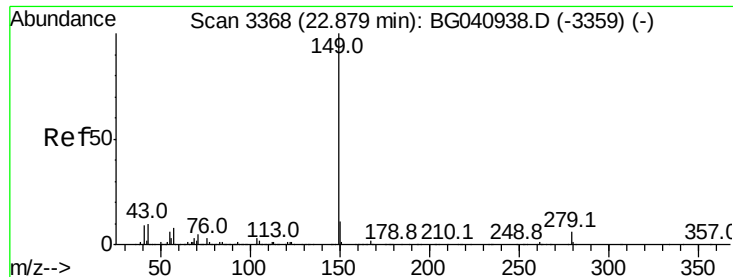
Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	149	Resp:	522774
Ion Ratio	Lower	Upper	
149	100		
167	30.0	24.6	37.0
279	5.7	5.0	7.6





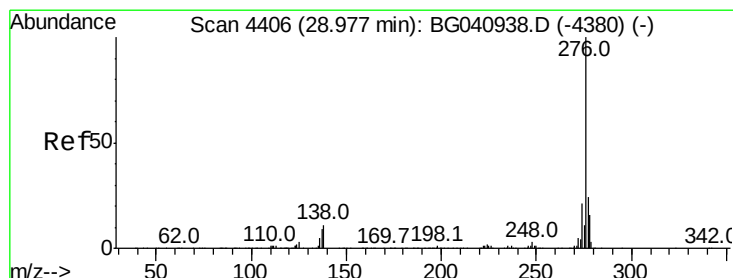
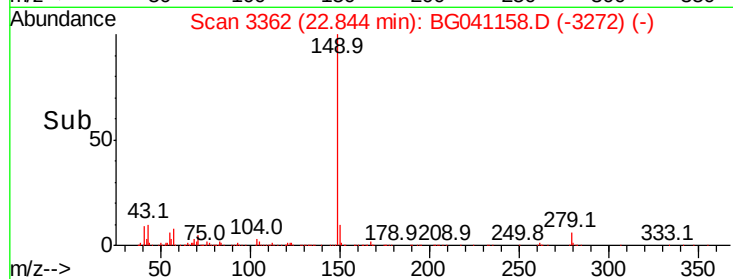
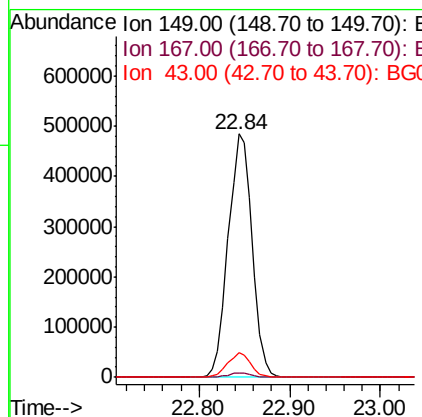
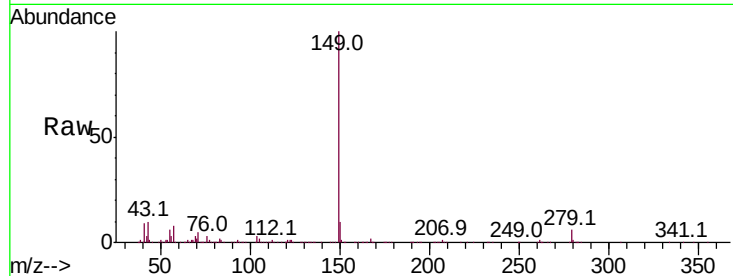
#85
Di-n-octyl phthalate
Concen: 46.333 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	888292		
167	1.7		1.4	2.0
43	9.7		8.1	12.1

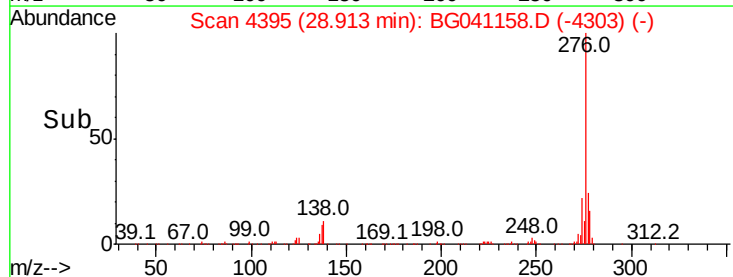
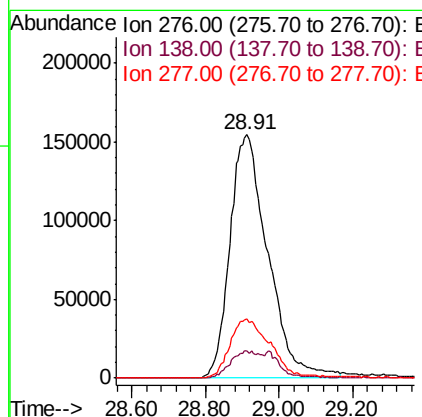
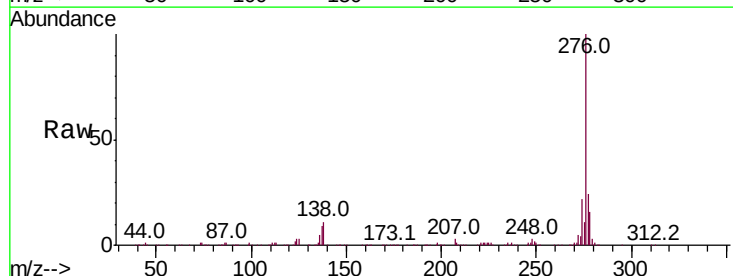
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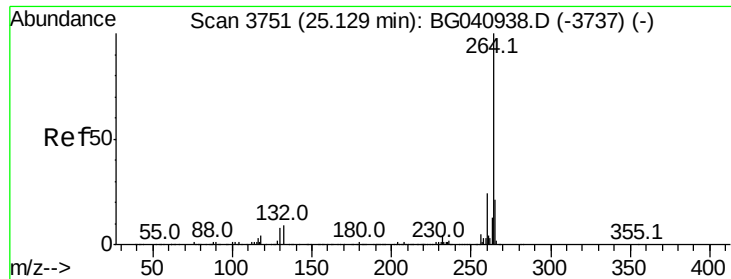
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.840 ng
RT: 28.91 min Scan# 4395
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1105810		
138	9.0		5.7	8.5#
277	25.3		20.8	31.2





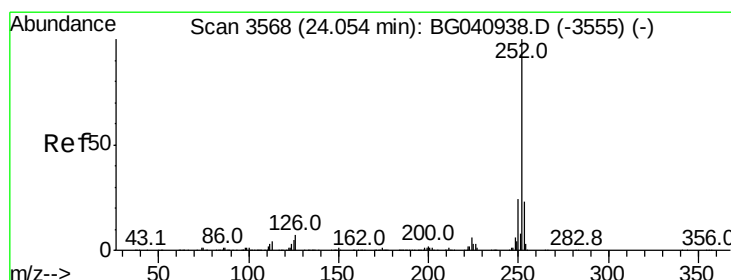
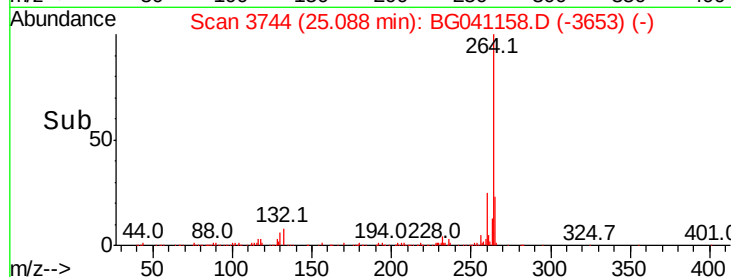
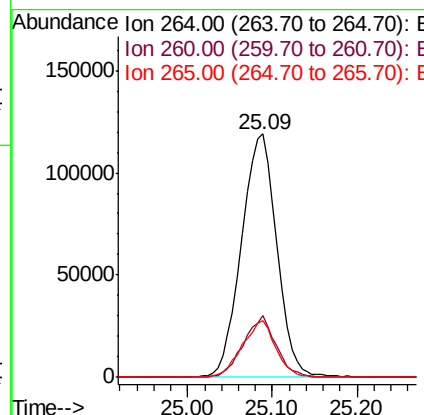
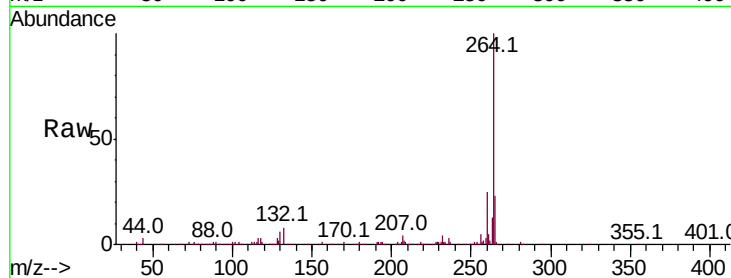
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.0	28.4
265	23.5	17.0	25.4

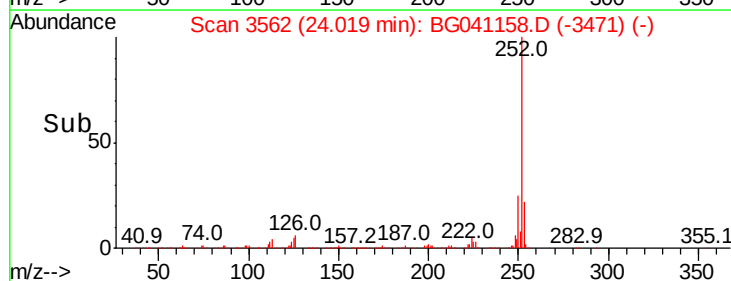
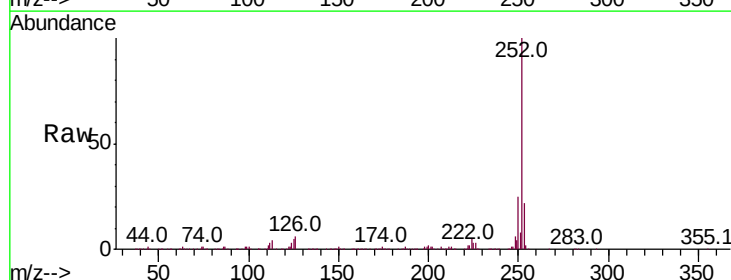
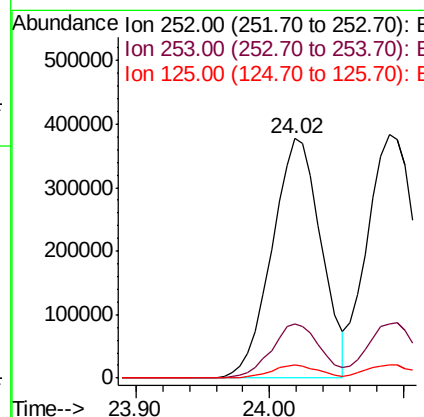
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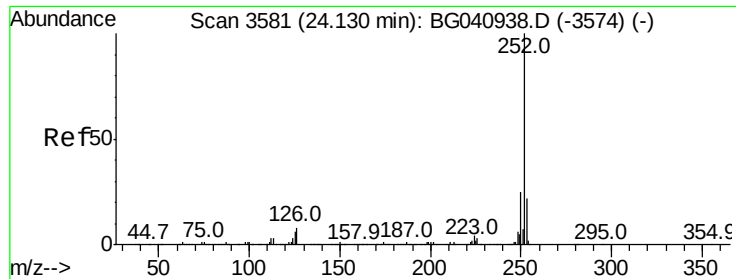
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#88
Benzo(b)fluoranthene
Concen: 46.018 ng
RT: 24.02 min Scan# 3562
Delta R.T. 0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	5.3	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 46.317 ng

RT: 24.09 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Instrument :

BNA_G

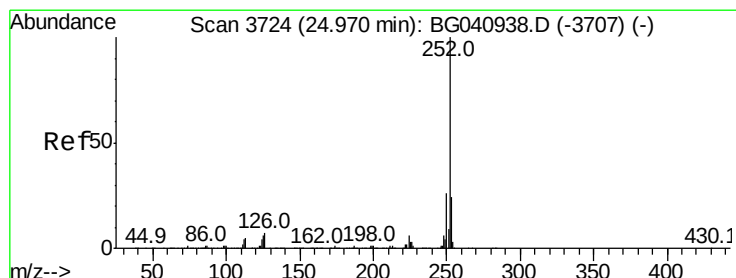
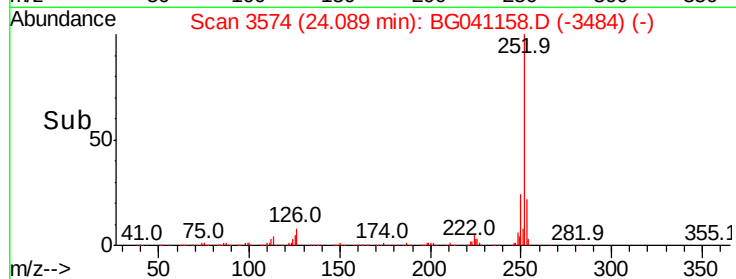
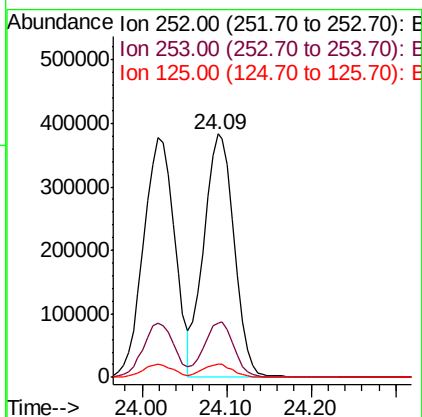
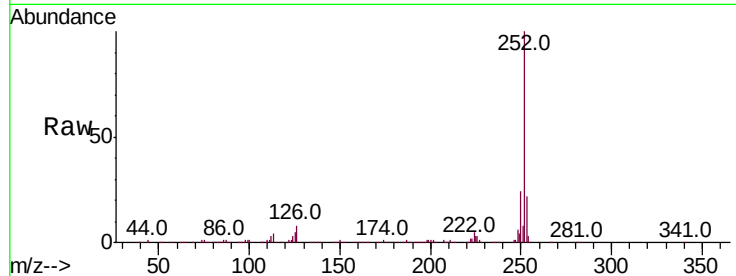
ClientSampleId :

PB120413BS

Tot Ion:	252	Resp:	960659
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	5.2	4.7	7.1

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#90

Benzo(a)pyrene

Concen: 47.370 ng

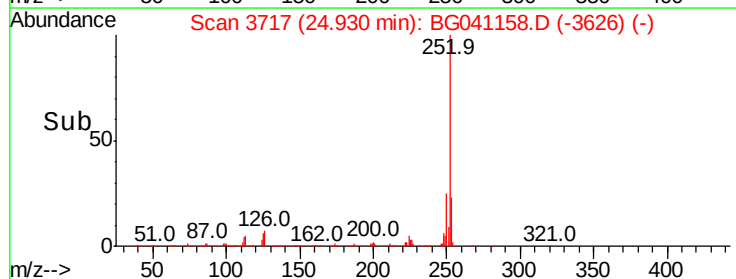
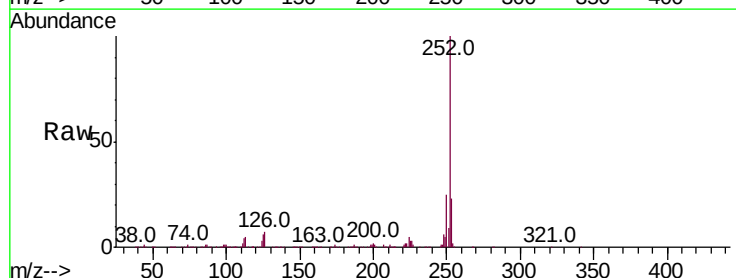
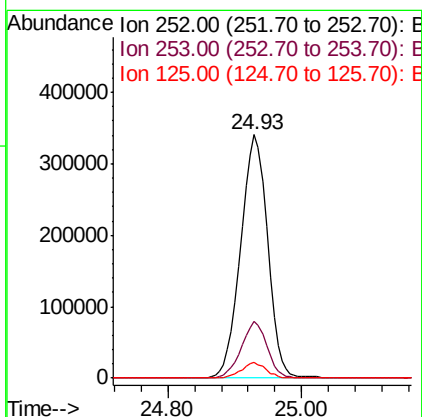
RT: 24.93 min Scan# 3717

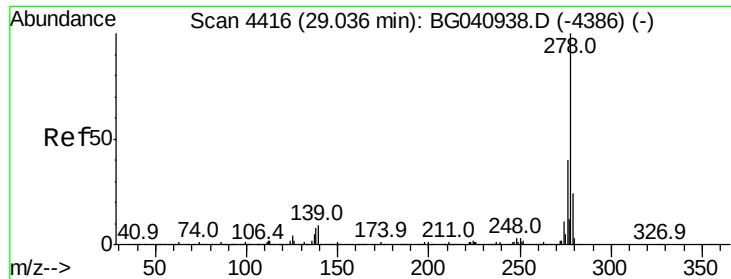
Delta R.T. 0.00 min

Lab File: BG041158.D

Acq: 10 Jun 2019 10:24

Tgt Ion:	252	Resp:	947252
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.5	29.3
125	6.4	5.1	7.7





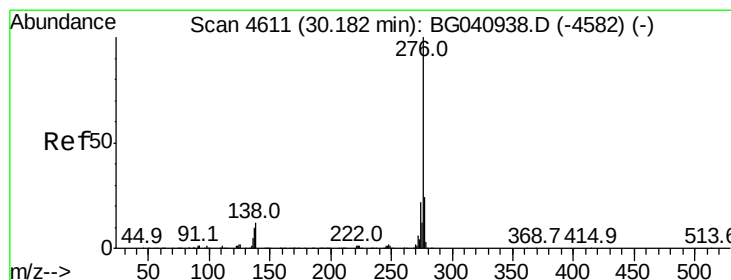
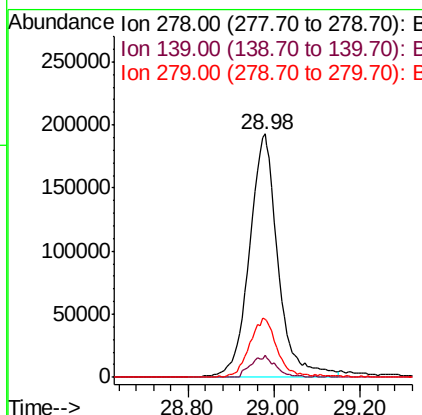
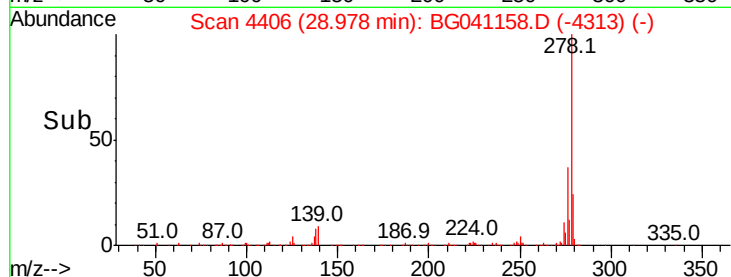
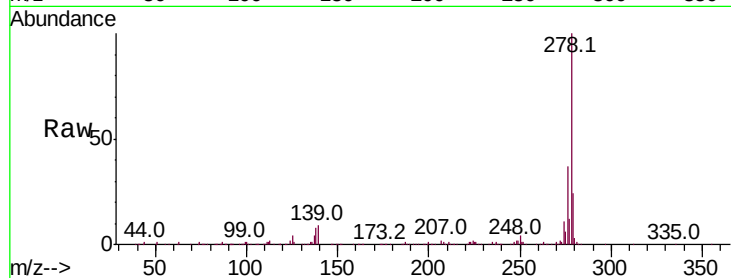
#91
Dibenzo(a,h)anthracene
Concen: 45.561 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	7.1	10.7
279	23.7	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:39:46 AM



#92
Benzo(g,h,i)perylene
Concen: 45.982 ng
RT: 30.11 min Scan# 4599
Delta R.T. -0.00 min
Lab File: BG041158.D
Acq: 10 Jun 2019 10:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	9.8	9.7	14.5

