

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
 Data File : BG041503.D
 Acq On : 28 Jun 2019 2:34
 Operator : HP/JU
 Sample : K3552-19MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Manual Integrations
 APPROVED

mohammad
 7/1/2019 8:11:04 AM

Quant Time: Jun 28 07:37:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23810	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	90191	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	67377	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	180411	20.00	ng	0.00
76) Chrysene-d12	21.70	240	194843	20.00	ng	0.00
87) Perylene-d12	24.97	264	209180	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	152140	113.92	ng	0.00
7) Phenol-d6	7.19	99	220796	117.44	ng	0.00
23) Nitrobenzene-d5	9.21	82	155013	71.68	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	125309	108.92	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	361579	68.87	ng	0.00
79) Terphenyl-d14	20.02	244	756738	82.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	15169	25.092	ng	92
3) Pyridine	3.83	79	14851	9.682	ng	92
4) n-Nitrosodimethylamine	3.75	42	25440	29.805	ng	# 94
6) Aniline	7.35	93	37366	15.419	ng	95
8) 2-Chlorophenol	7.59	128	47281	31.568	ng	97
9) Benzaldehyde	7.17	77	37103	32.679	ng	93
10) Phenol	7.21	94	62645	33.062	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	43177	28.735	ng	91
12) 1,3-Dichlorobenzene	7.91	146	54273	28.012	ng	94
13) 1,4-Dichlorobenzene	8.07	146	55751	28.543	ng	99
14) 1,2-Dichlorobenzene	8.38	146	51557	27.569	ng	97
15) Benzyl Alcohol	8.28	79	45010	30.063	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	58623	27.782	ng	96
17) 2-Methylphenol	8.48	107	41247	29.905	ng	98
18) Hexachloroethane	9.11	117	21995	28.540	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	39318	28.038	ng	97
20) 3+4-Methylphenols	8.81	107	58659	31.909	ng	100
22) Acetophenone	8.86	105	82685	30.563	ng	# 97
24) Nitrobenzene	9.25	77	66835	30.791	ng	97
25) Isophorone	9.77	82	114982	29.615	ng	100
26) 2-Nitrophenol	9.97	139	28458	31.393	ng	96
27) 2,4-Dimethylphenol	10.02	122	45634	36.170	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	60064	29.256	ng	98
29) 2,4-Dichlorophenol	10.50	162	54538	32.004	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	64257	29.420	ng	95
31) Naphthalene	10.90	128	156577	31.392	ng	98
32) Benzoic acid	10.18	122	3834m	9.946	ng	
33) 4-Chloroaniline	11.03	127	38972	18.562	ng	93
34) Hexachlorobutadiene	11.16	225	49927	28.797	ng	96
35) Caprolactam	11.81	113	15326	28.803	ng	90
36) 4-Chloro-3-methylphenol	12.14	107	59207	32.066	ng	96
37) 2-Methylnaphthalene	12.51	142	116837	31.707	ng	99
38) 1-Methylnaphthalene	12.72	142	109709	31.207	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	90991	30.669	ng	99

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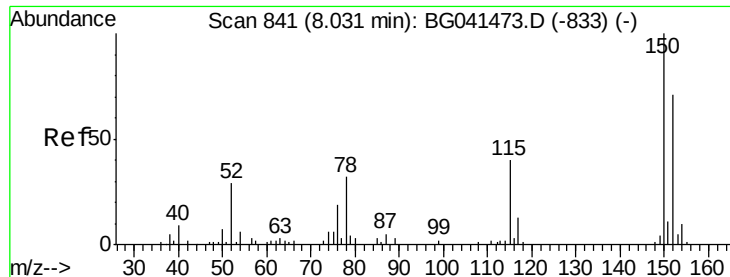
Manual Integrations
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 7/1/2019 8:11:04 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	71496	46.038	nq	94
43) 2,4,6-Trichlorophenol	13.11	196	53884	30.612	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	57077	32.547	nq	94
46) 1,1'-Biphenyl	13.51	154	162175	30.492	nq	99
47) 2-Chloronaphthalene	13.56	162	137809	30.180	nq	99
48) 2-Nitroaniline	13.77	65	44175	28.539	nq	92
49) Acenaphthylene	14.40	152	215734	31.609	nq	99
50) Dimethylphthalate	14.12	163	265251	43.261	nq	98
51) 2,6-Dinitrotoluene	14.26	165	39954	30.706	nq	98
52) Acenaphthene	14.74	154	124934	30.868	nq	98
53) 3-Nitroaniline	14.60	138	30313	24.403	nq	98
54) 2,4-Dinitrophenol	14.82	184	9095	17.452	nq	# 85
55) Dibenzofuran	15.07	168	228075	32.370	nq	98
56) 4-Nitrophenol	14.90	139	50653	63.186	nq	94
57) 2,4-Dinitrotoluene	15.05	165	55758	29.538	nq	96
58) Fluorene	15.72	166	178696	31.879	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	61524	33.279	nq	98
60) Diethylphthalate	15.47	149	187324	29.847	nq	97
61) 4-Chlorophenyl-phenylether	15.71	204	109827	30.376	nq	95
62) 4-Nitroaniline	15.76	138	35677	29.470	nq	94
63) Azobenzene	16.00	77	164498	31.087	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	19847	17.763	nq	91
66) n-Nitrosodiphenylamine	15.93	169	154721	31.160	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	75651	30.685	nq	94
68) Hexachlorobenzene	16.71	284	80613	30.348	nq	99
69) Atrazine	16.87	200	69732	33.178	nq	97
70) Pentachlorophenol	17.07	266	68874	57.223	nq	93
71) Phenanthrene	17.47	178	315406	31.731	nq	99
72) Anthracene	17.56	178	319161	32.091	nq	99
73) Carbazole	17.84	167	274339	32.448	nq	99
74) Di-n-butylphthalate	18.36	149	318976	30.017	nq	98
75) Fluoranthene	19.48	202	416840	31.454	nq	100
77) Benzidine	19.67	184	25333	5.860	nq	95
78) Pyrene	19.83	202	424686	31.928	nq	99
80) Butylbenzylphthalate	20.70	149	145958	29.382	nq	97
81) Benzo(a)anthracene	21.67	228	416736	30.764	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	110906	23.644	nq	95
83) Chrysene	21.74	228	405589	30.933	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	209315	29.722	nq	97
85) Di-n-octyl phthalate	22.76	149	357536	30.001	nq	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	479798	30.219	nq	100
88) Benzo(b)fluoranthene	23.92	252	406240	30.448	nq	99
89) Benzo(k)fluoranthene	23.99	252	417035	31.837	nq	96
90) Benzo(a)pyrene	24.82	252	401336	31.672	nq	98
91) Dibenzo(a,h)anthracene	28.81	278	393053	30.962	nq	98
92) Benzo(g,h,i)perylene	29.93	276	390551	30.942	nq	99

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



#1

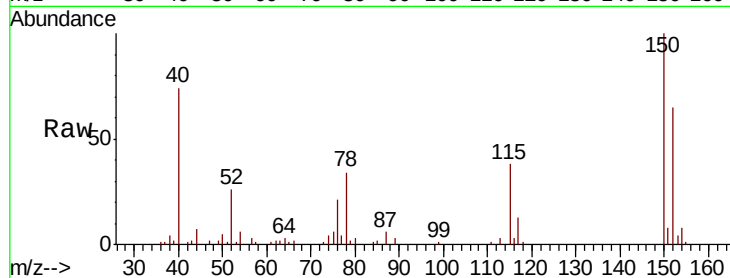
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	112.4	168.6
115	59.0	44.6	66.8

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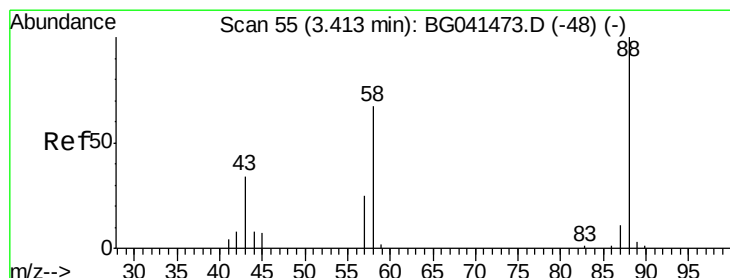
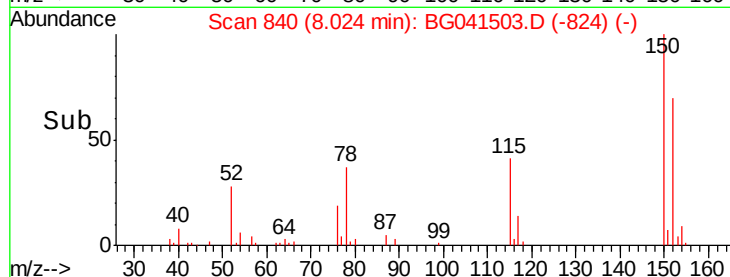
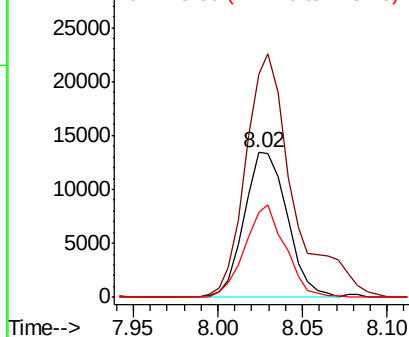


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

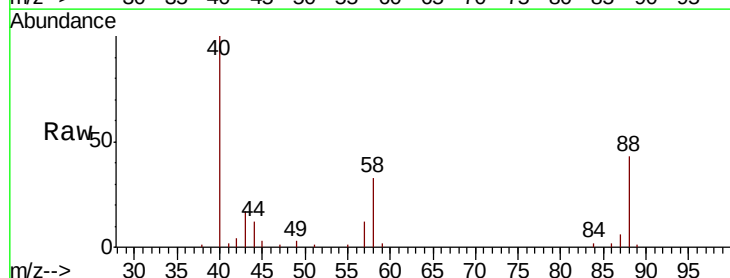
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.092 ng
RT: 3.41 min Scan# 54
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	55.8	83.8
43	30.9	27.8	41.8

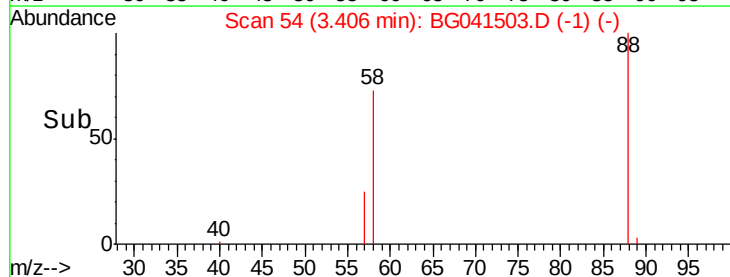
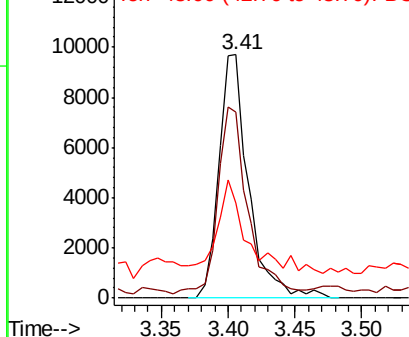


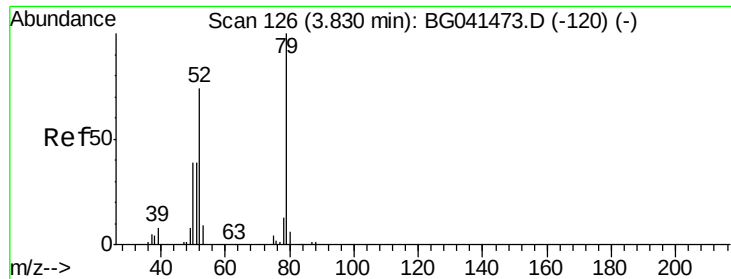
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 9.682 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

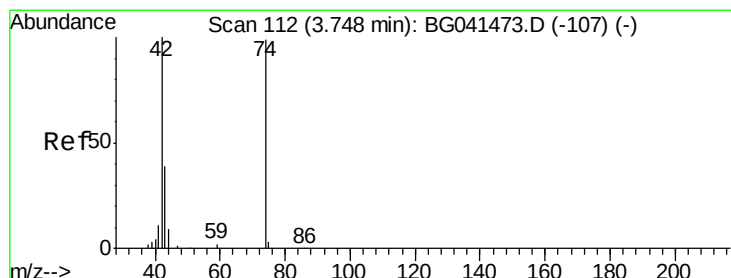
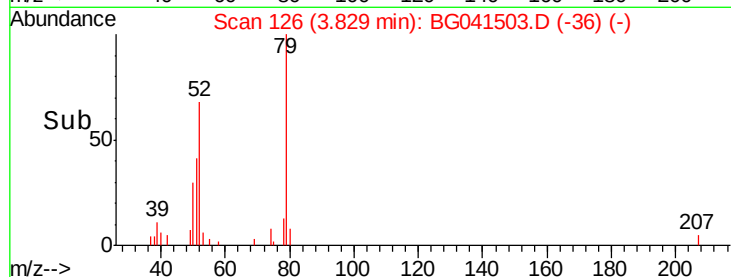
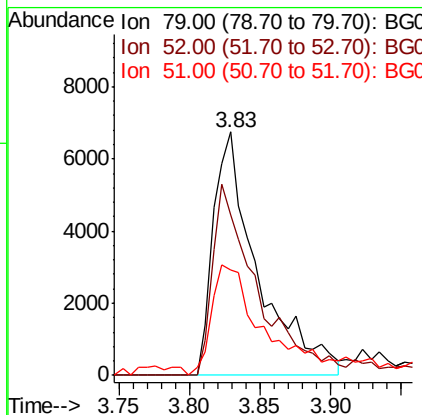
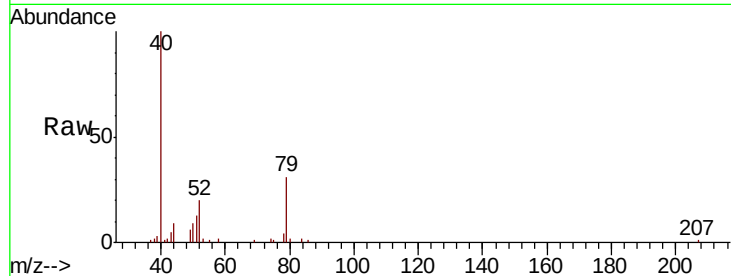
ClientSampleId :

M-10MS

Tot Ion:	79	Resp:	14851
Ion	Ratio	Lower	Upper
79	100		
52	65.7	59.4	89.0
51	43.1	32.3	48.5

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#4

n-Nitrosodimethylamine

Concen: 29.805 ng

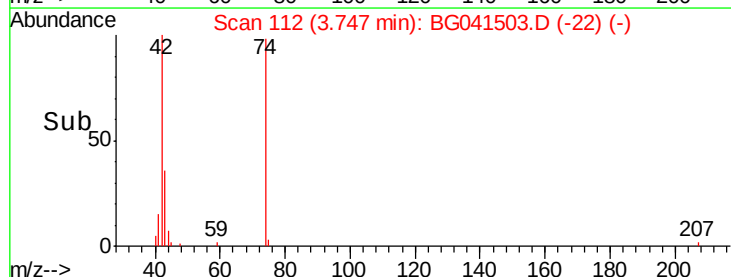
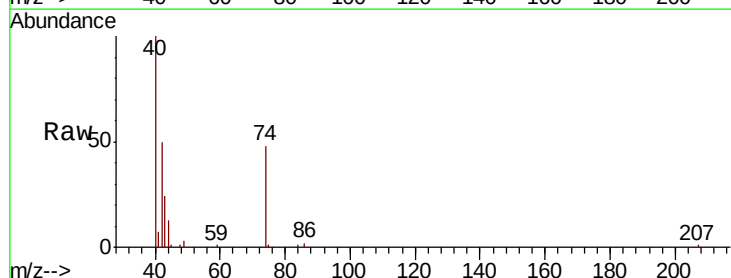
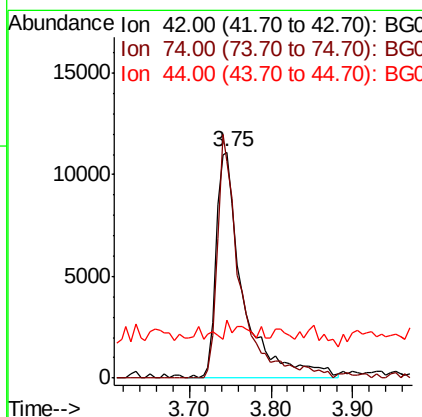
RT: 3.75 min Scan# 112

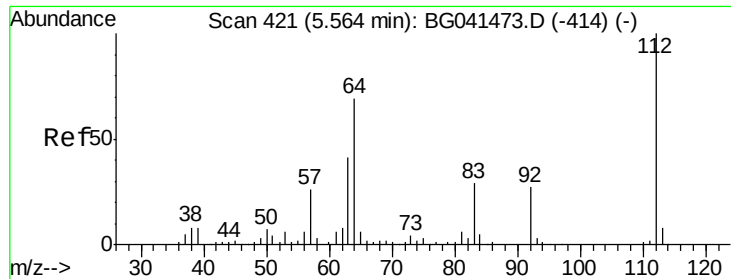
Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Tgt Ion:	42	Resp:	25440
Ion	Ratio	Lower	Upper
42	100		
74	95.8	79.5	119.3
44	25.9	14.2	21.2#





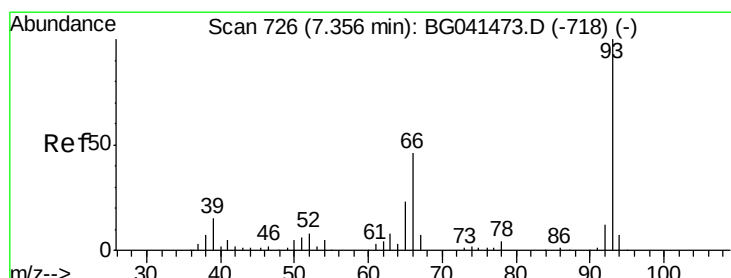
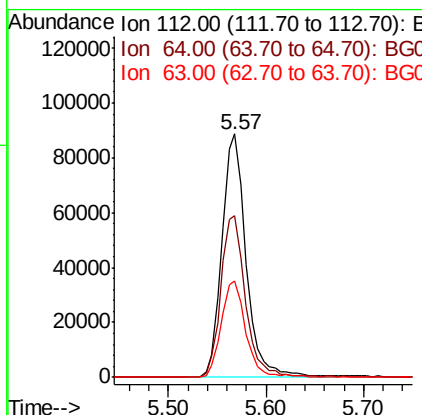
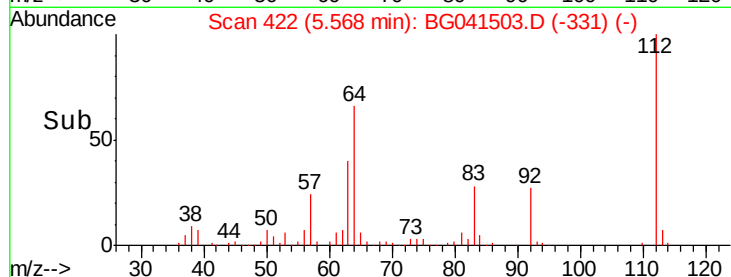
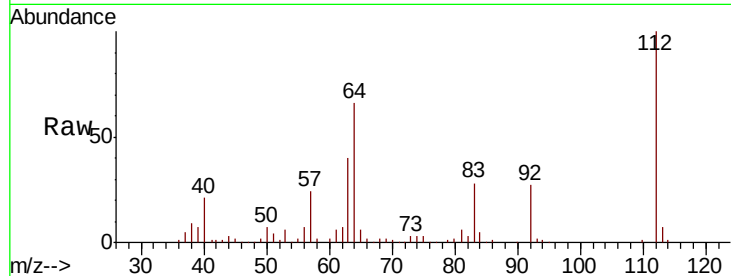
#5
2-Fluorophenol
Concen: 113.920 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion:	112	Resp:	152140
Ion Ratio	Lower	Upper	
112	100		
64	66.3	55.1	82.7
63	39.8	32.4	48.6

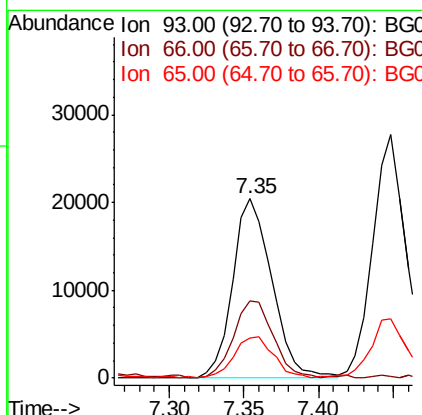
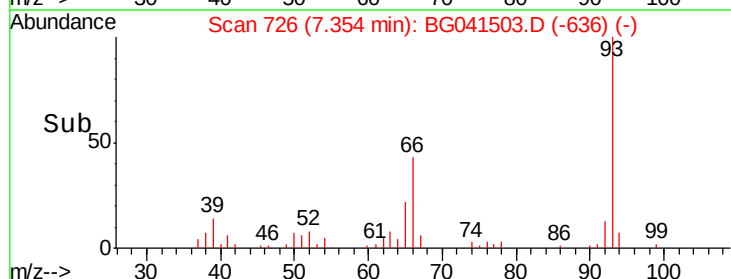
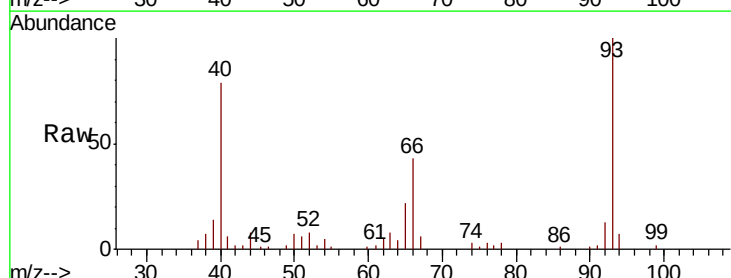
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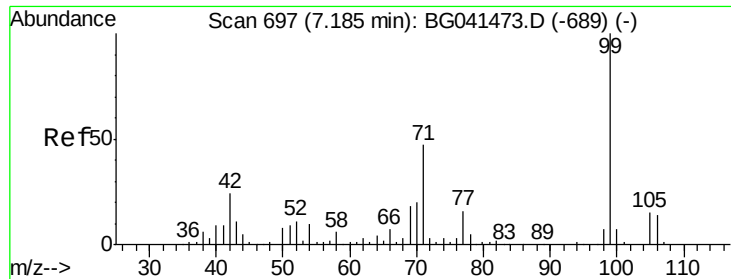
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#6
Aniline
Concen: 15.419 ng
RT: 7.35 min Scan# 726
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion:	93	Resp:	37366
Ion Ratio	Lower	Upper	
93	100		
66	42.9	37.4	56.0
65	22.1	18.6	27.8





#7

Phenol-d6

Concen: 117.443 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

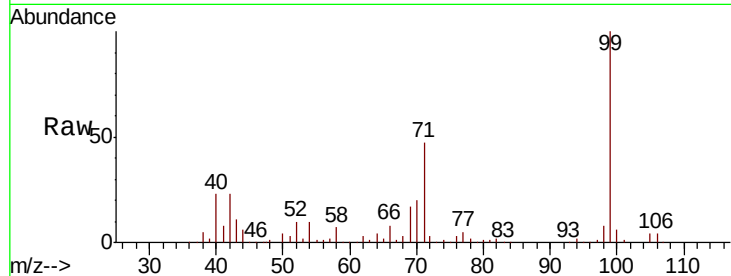
ClientSampled :

M-10MS

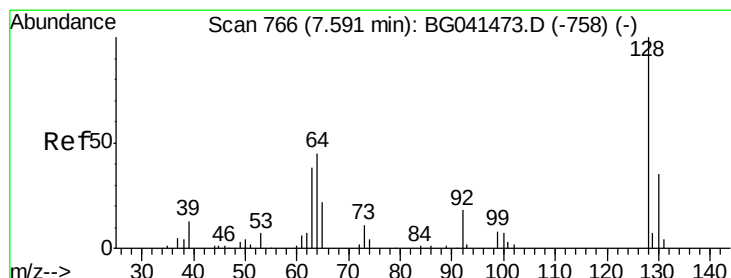
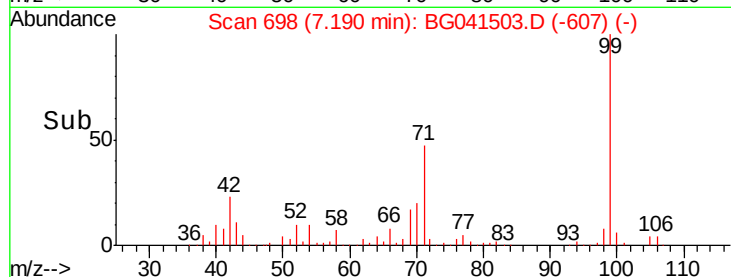
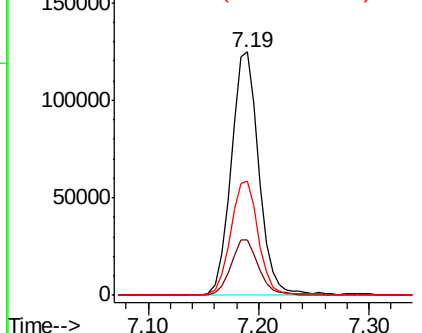
Tot Ion:	99	Resp:	220796
Ion Ratio	Lower	Upper	
99	100		
42	23.0	19.0	28.6
71	47.0	37.4	56.2

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



#8

2-Chlorophenol

Concen: 31.568 ng

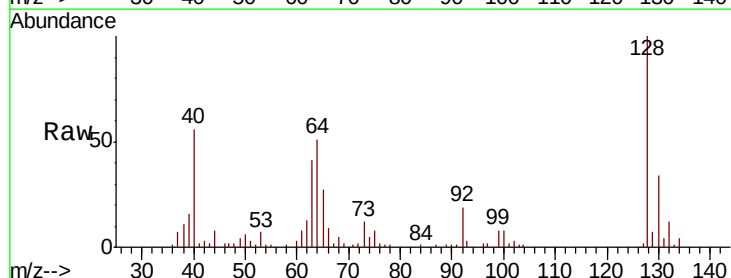
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

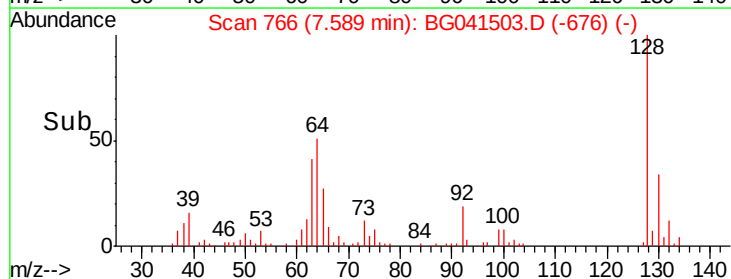
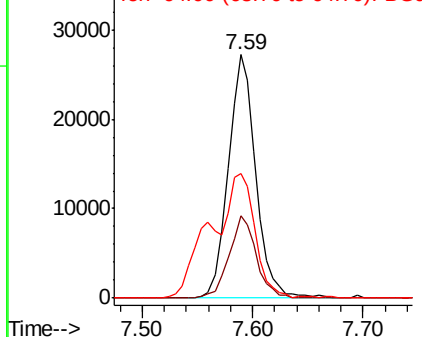
Lab File: BG041503.D

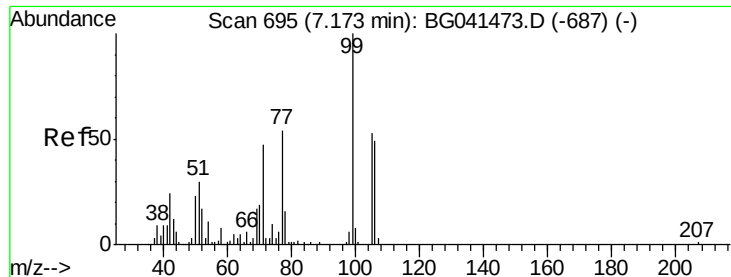
Acq: 28 Jun 2019 2:34

Tgt Ion:	128	Resp:	47281
Ion Ratio	Lower	Upper	
128	100		
130	33.6	15.0	55.0
64	51.2	33.3	73.3



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





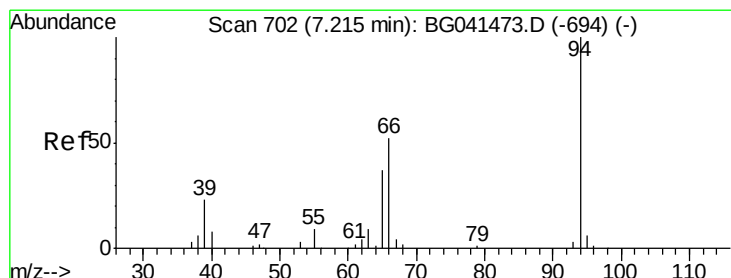
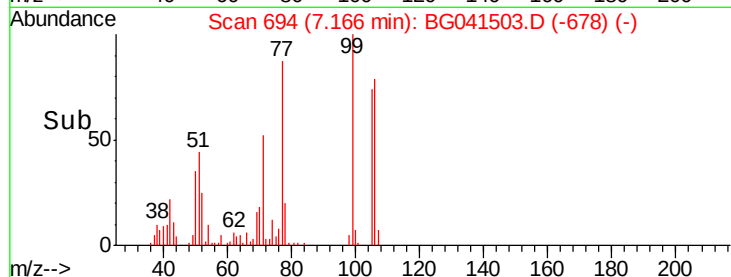
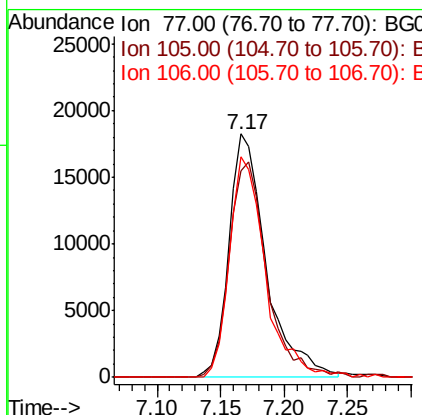
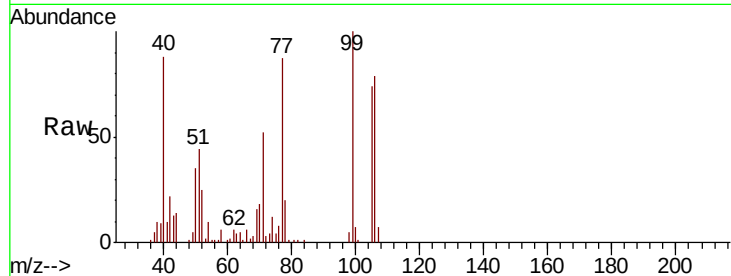
#9
Benzaldehyde
Concen: 32.679 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	85.0	77.8	117.8
106	90.4	70.1	110.1

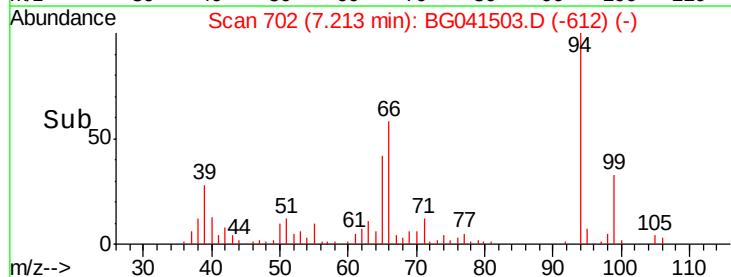
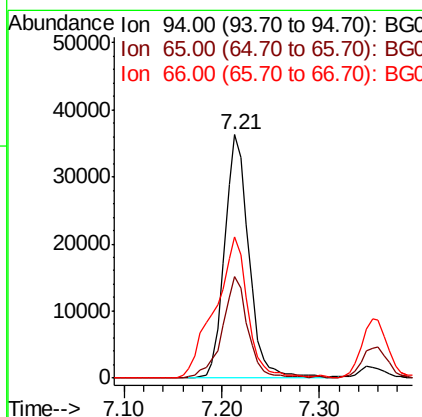
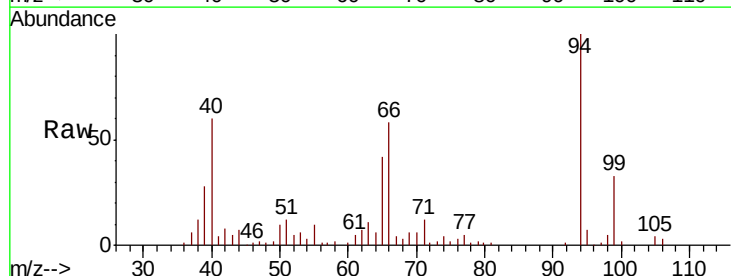
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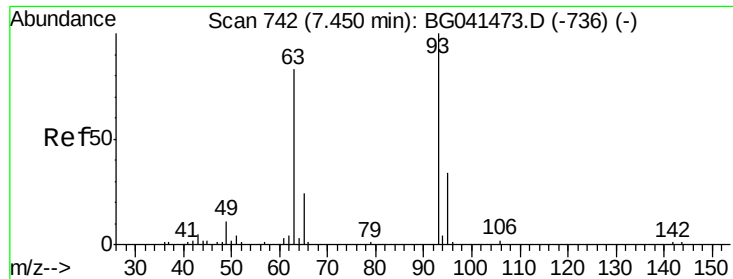
mohammad
7/1/2019 8:11:04 AM



#10
Phenol
Concen: 33.062 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.5	17.9	57.9
66	58.1	34.4	74.4





#11

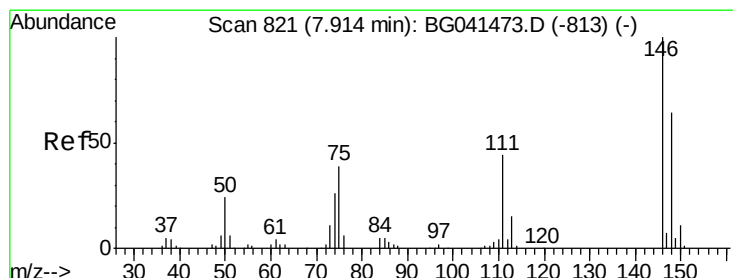
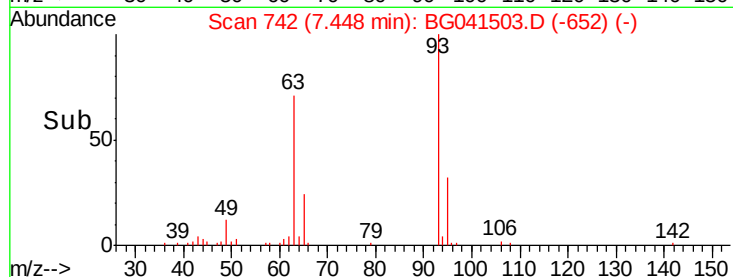
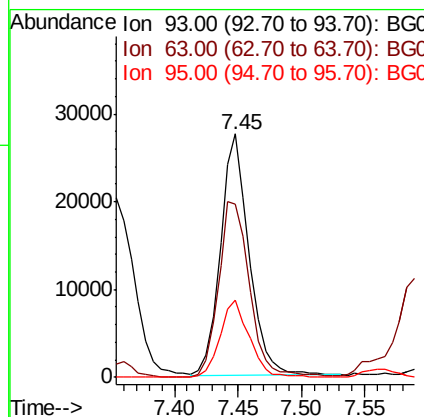
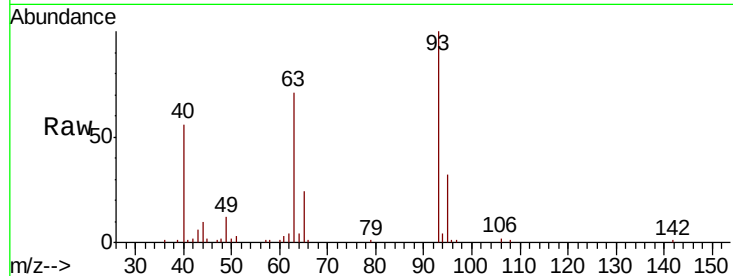
bis(2-Chloroethyl)ether
Concen: 28.735 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion:	93	Resp:	43177
Ion	Ratio	Lower	Upper
93	100		
63	71.2	62.0	102.0
95	31.5	13.0	53.0

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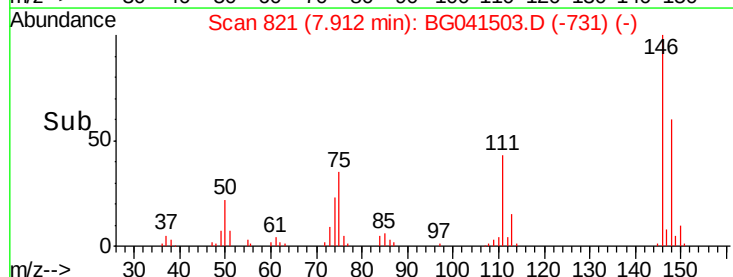
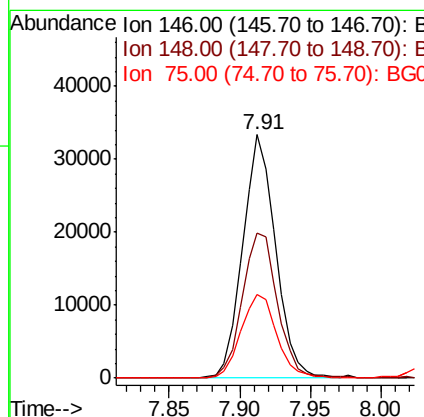
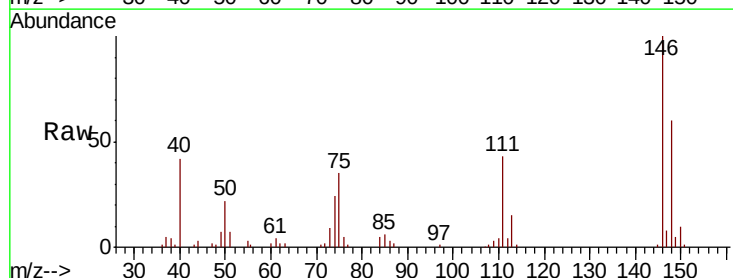
mohammad
7/1/2019 8:11:04 AM

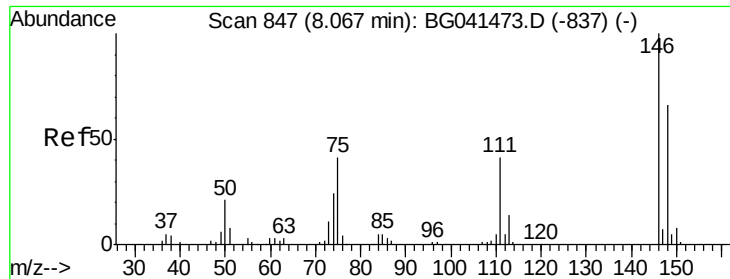


#12

1,3-Dichlorobenzene
Concen: 28.012 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion:	146	Resp:	54273
Ion	Ratio	Lower	Upper
146	100		
148	59.8	51.1	76.7
75	34.5	31.0	46.6





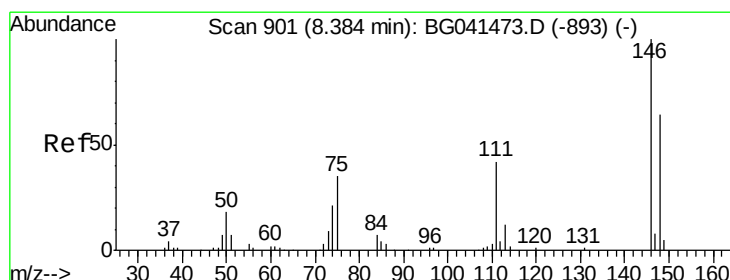
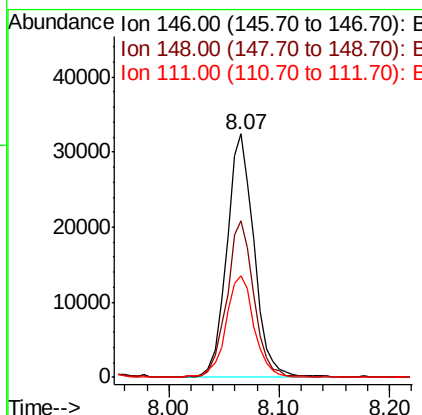
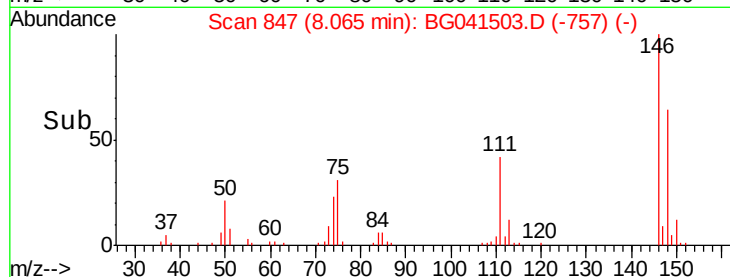
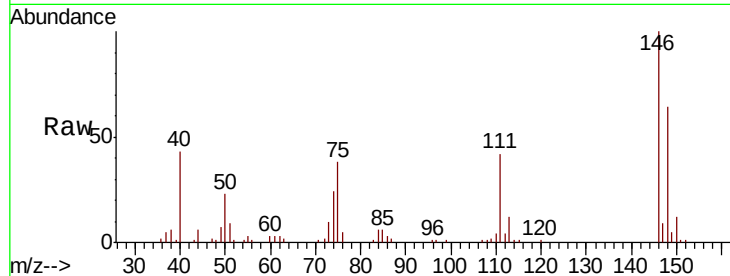
#13
 1,4-Dichlorobenzene
 Concen: 28.543 ng
 RT: 8.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.8	79.2
111	41.9	33.1	49.7

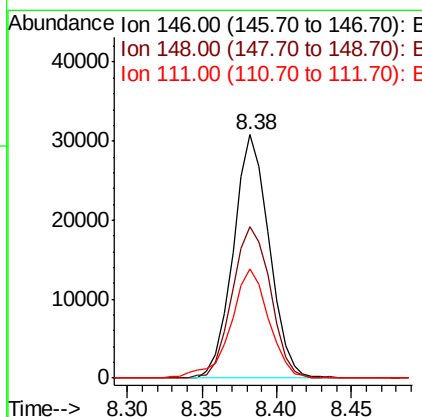
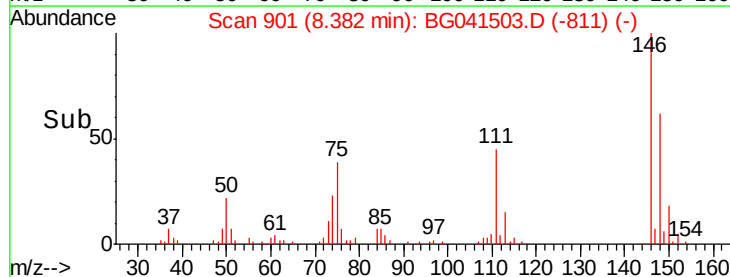
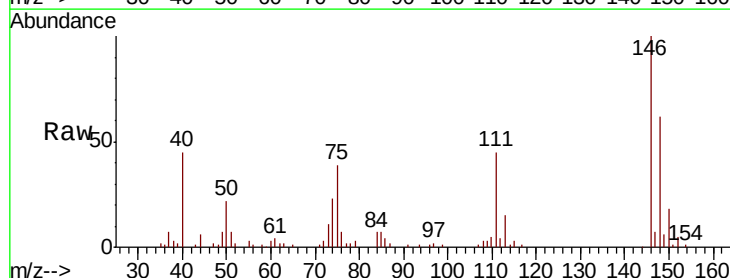
Manual Integrations
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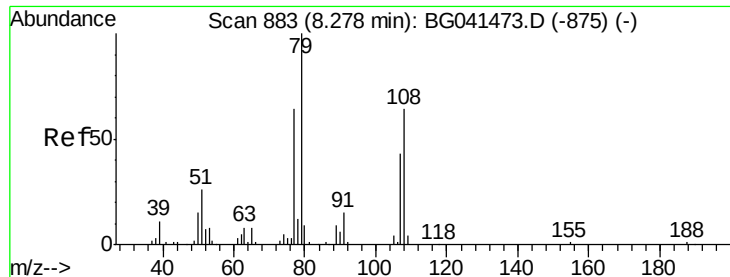
mohammad
 7/1/2019 8:11:04 AM



#14
 1,2-Dichlorobenzene
 Concen: 27.569 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.3	76.9
111	44.9	34.3	51.5





#15

Benzyl Alcohol

Concen: 30.063 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

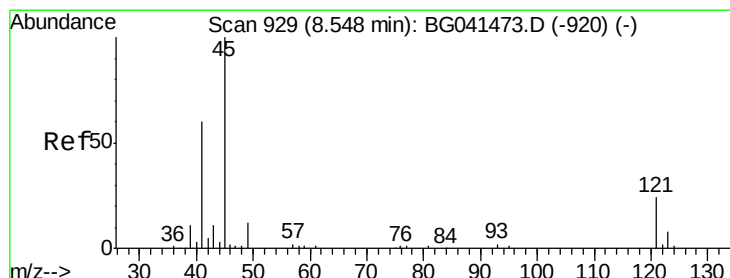
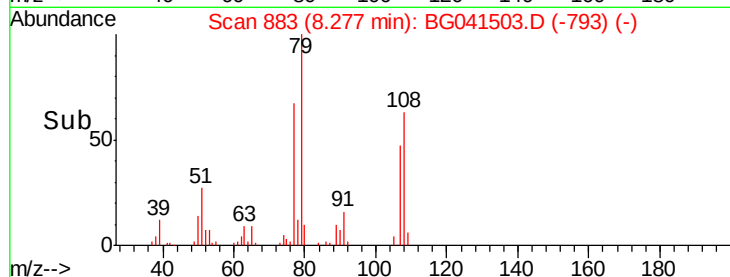
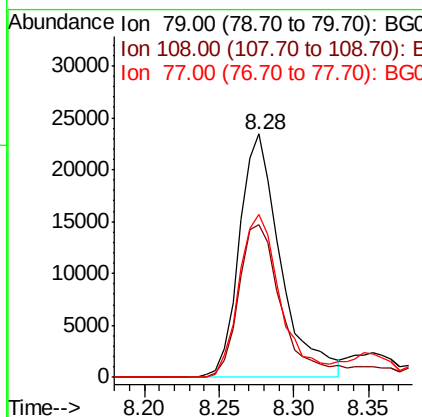
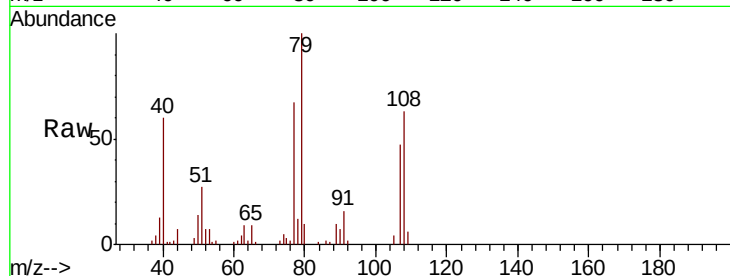
ClientSampleId :

M-10MS

Tot Ion:	79	Resp:	45010
Ion	Ratio	Lower	Upper
79	100		
108	62.9	51.4	77.0
77	66.7	50.8	76.2

Manual Integrations
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mohammad
7/1/2019 8:11:04 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.782 ng

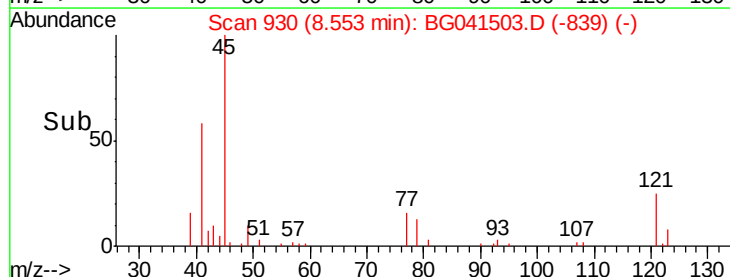
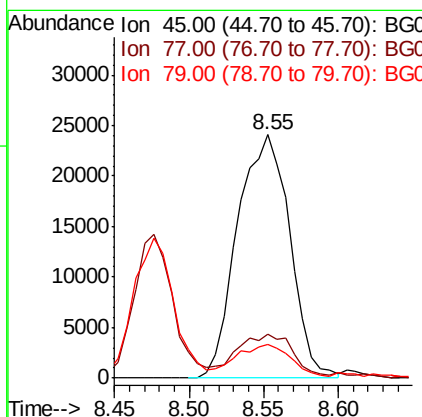
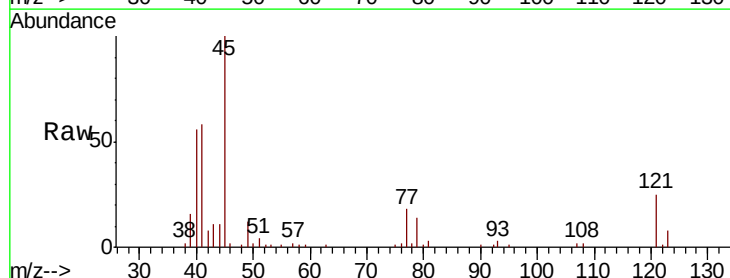
RT: 8.55 min Scan# 930

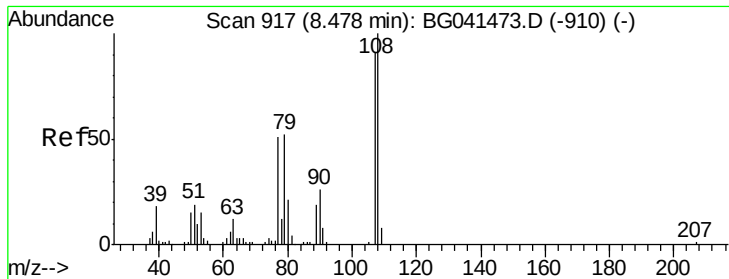
Delta R.T. 0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Tgt Ion:	45	Resp:	58623
Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	36.3
79	13.8	0.0	32.4





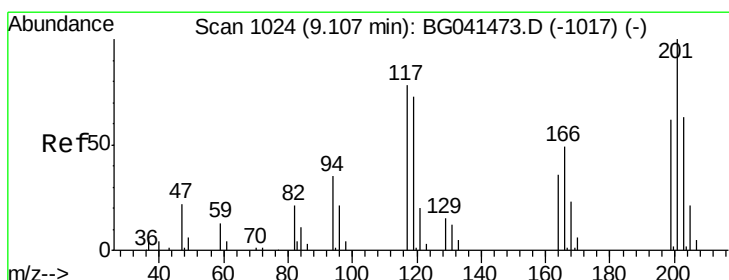
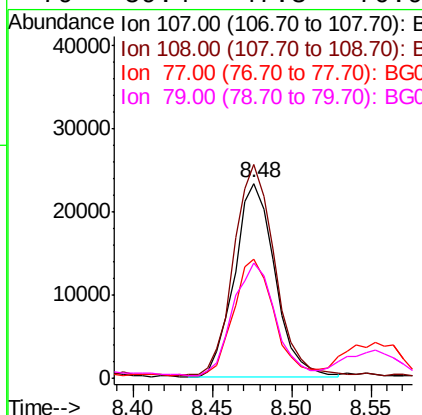
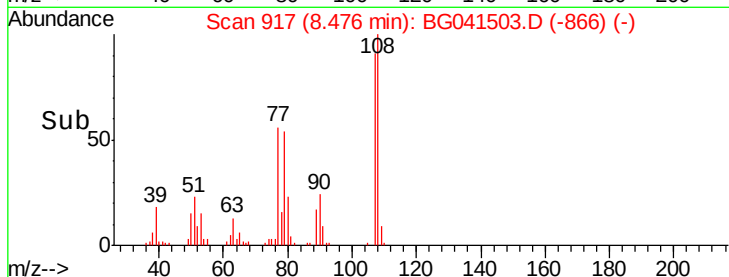
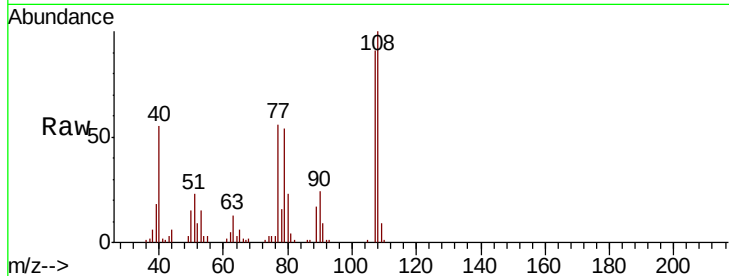
#17
2-Methylphenol
Concen: 29.905 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion:	107	Resp:	41247
Ion Ratio	Lower	Upper	
107	100		
108	109.5	88.0	132.0
77	60.9	45.3	67.9
79	59.4	47.3	70.9

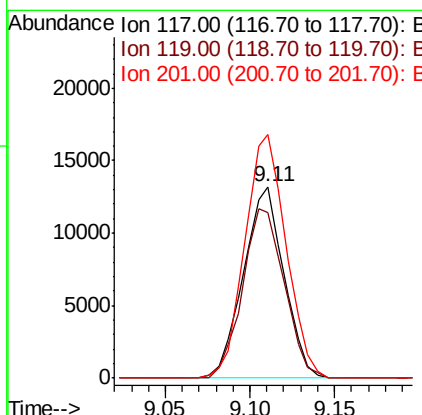
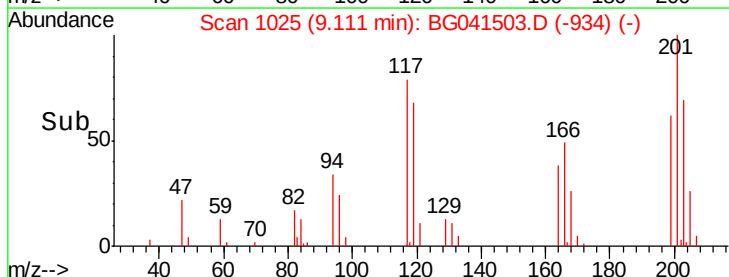
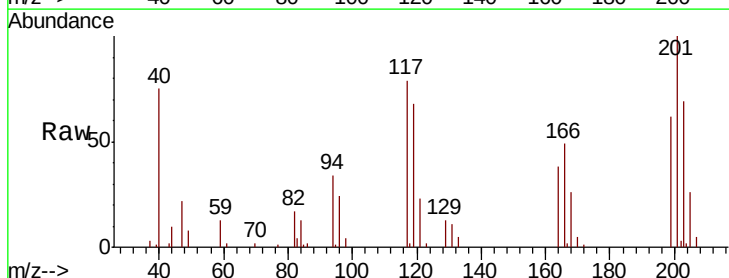
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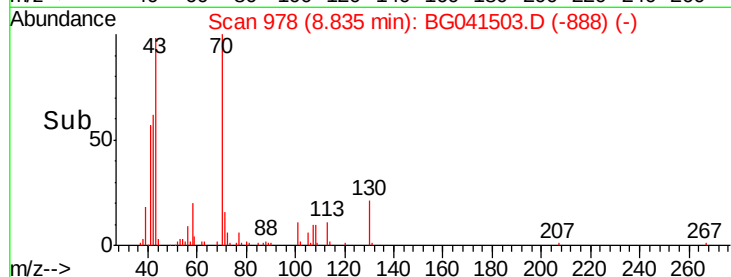
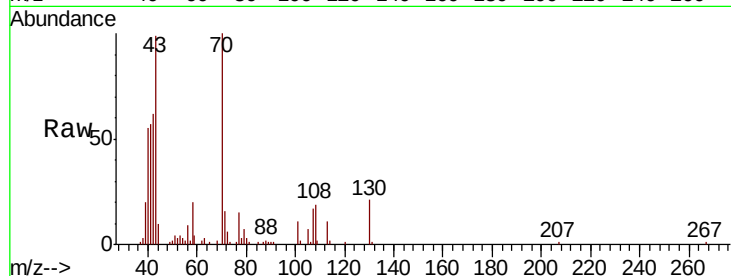
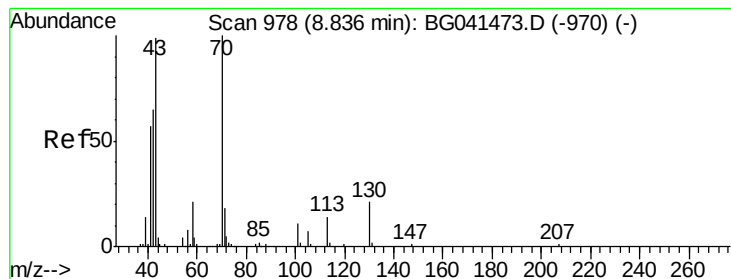
mohammad
7/1/2019 8:11:04 AM



#18
Hexachloroethane
Concen: 28.540 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion:	117	Resp:	21995
Ion Ratio	Lower	Upper	
117	100		
119	86.6	74.3	111.5
201	127.0	102.3	153.5





#19

n-Nitroso-di-n-propylamine

Concen: 28.038 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

ClientSampled :

M-10MS

Tot Ion: 70 Resp: 39318

Ion Ratio Lower Upper

70 100

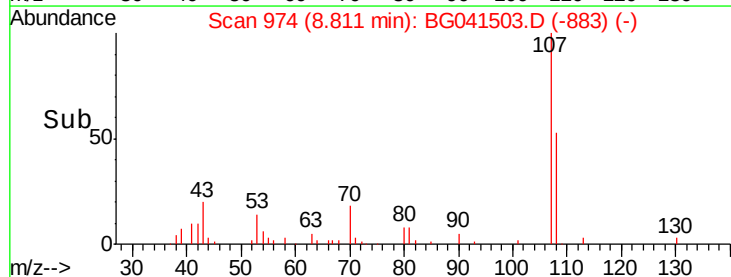
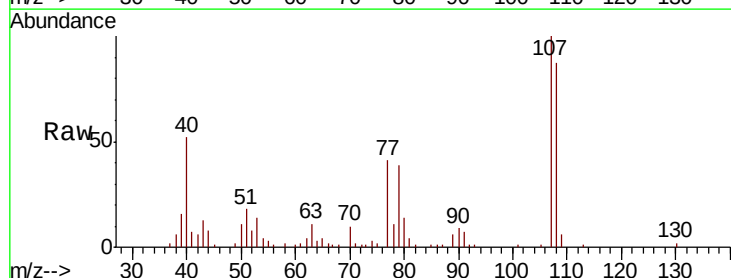
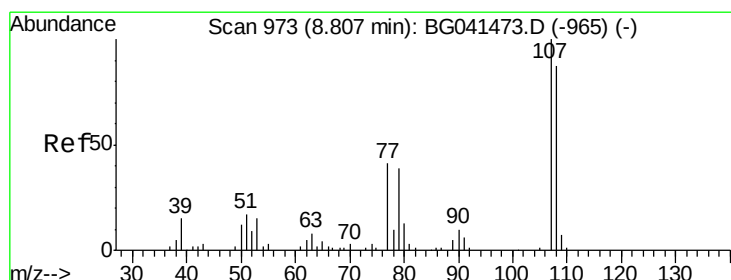
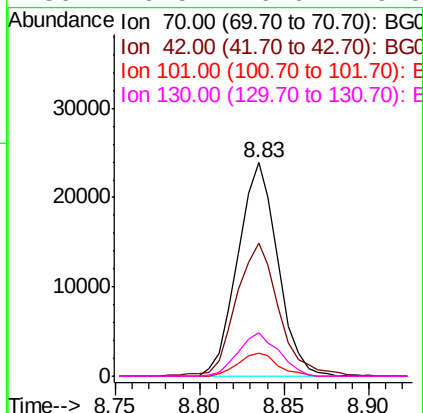
42 62.2 52.6 78.8

101 11.0 8.6 13.0

130 20.5 16.6 25.0

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#20

3+4-Methylphenols

Concen: 31.909 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Tgt Ion: 107 Resp: 58659

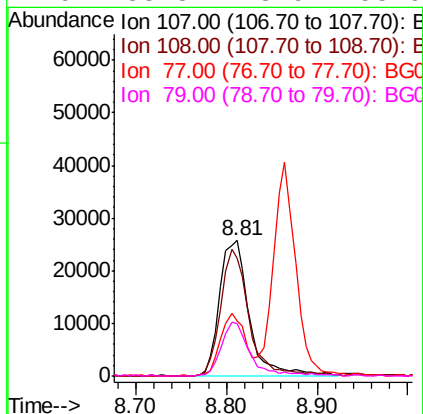
Ion Ratio Lower Upper

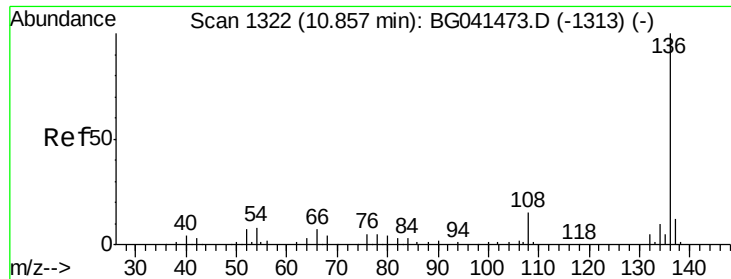
107 100

108 87.4 67.0 107.0

77 41.2 20.6 60.6

79 38.8 18.9 58.9





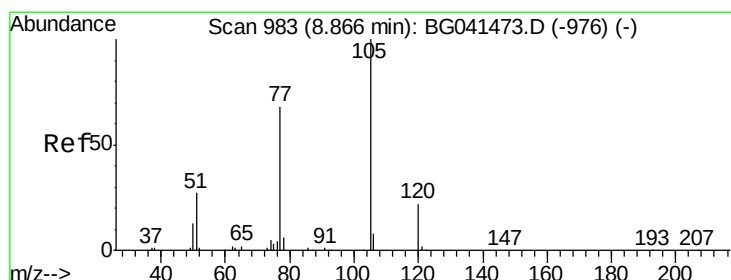
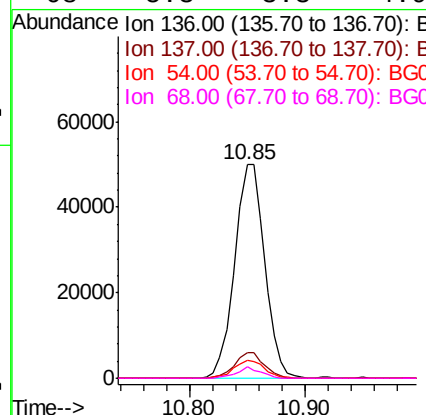
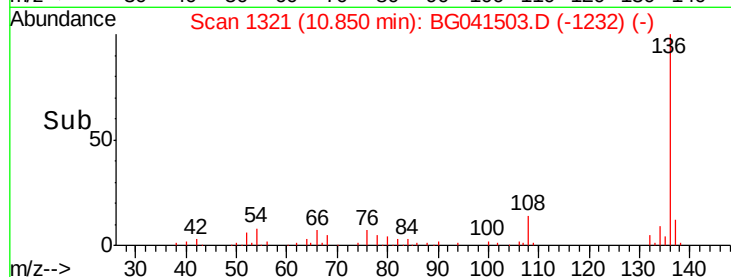
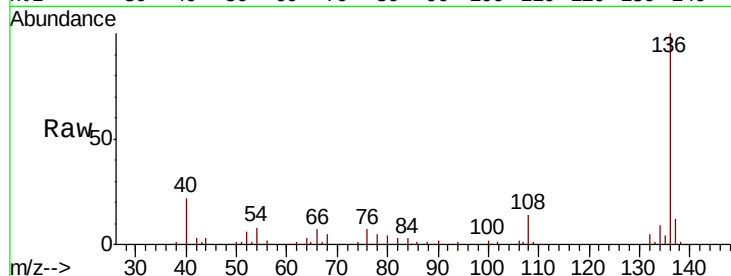
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.0	9.3	13.9	
54	8.2	7.1	10.7	
68	5.3	3.3	4.9#	

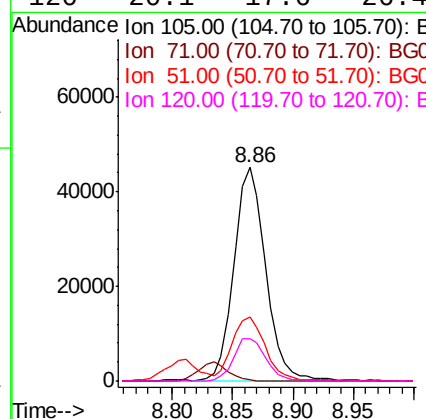
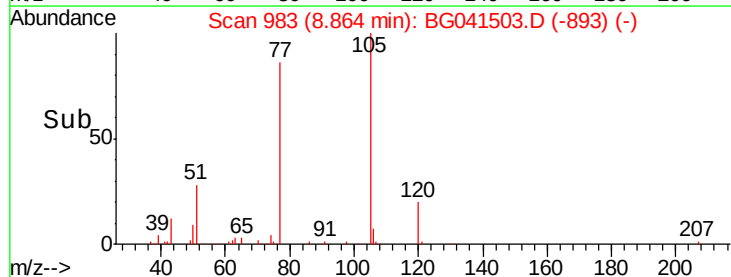
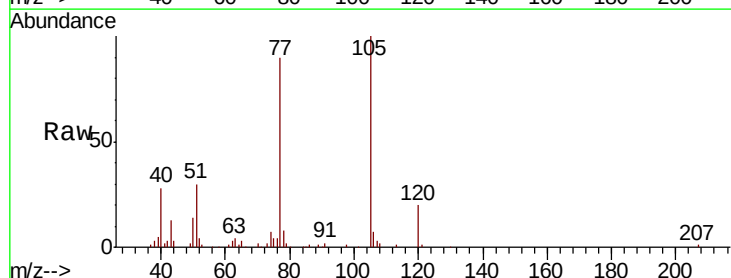
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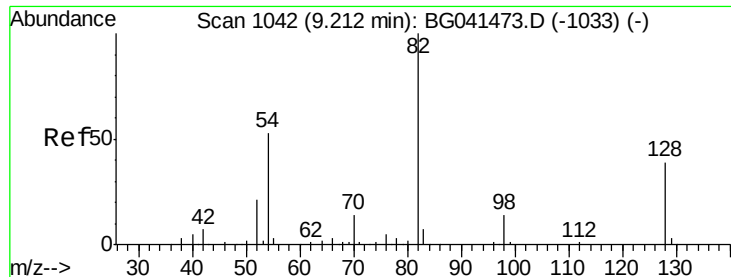
mohammad
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#22
Acetophenone
Concen: 30.563 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	0.5	0.7#	
51	29.9	25.0	37.6	
120	20.1	17.6	26.4	





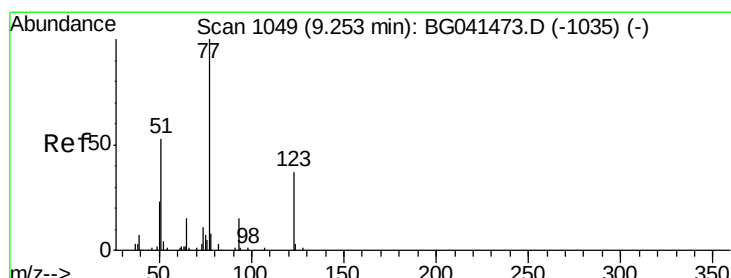
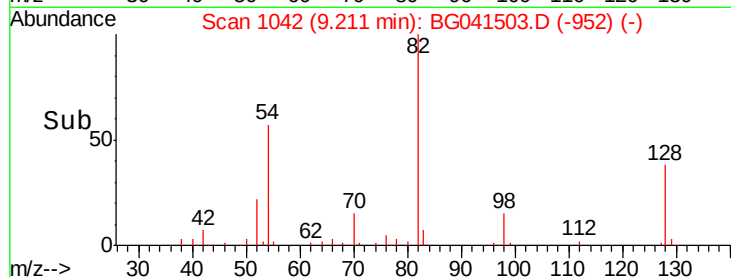
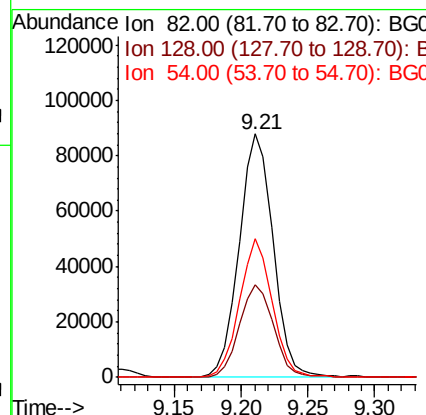
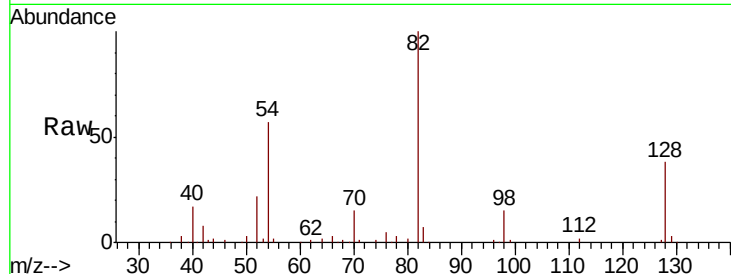
#23
 Nitrobenzene-d5
 Concen: 71.683 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	155013		
128	38.0		30.9	46.3
54	56.8		42.2	63.2

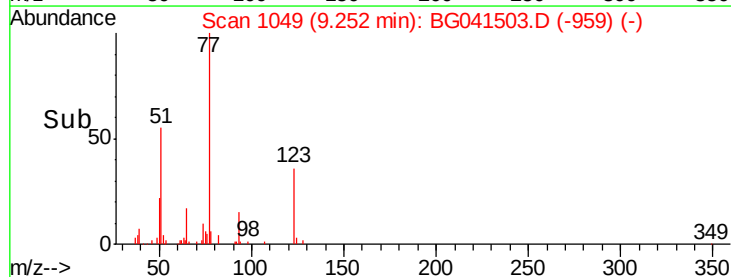
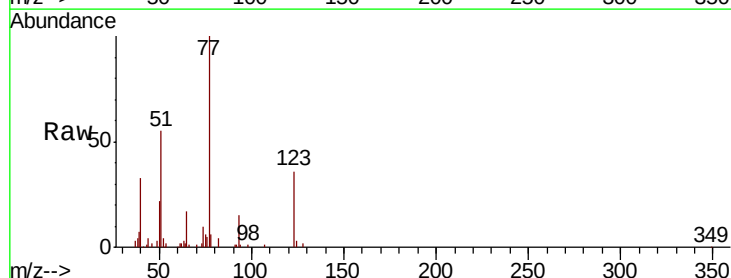
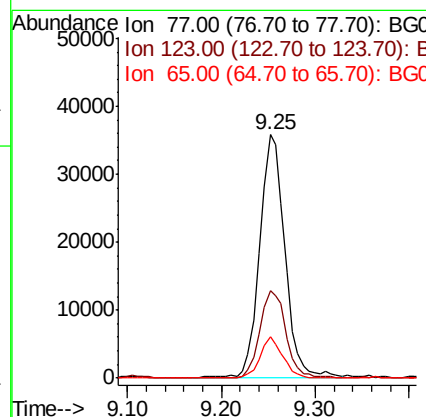
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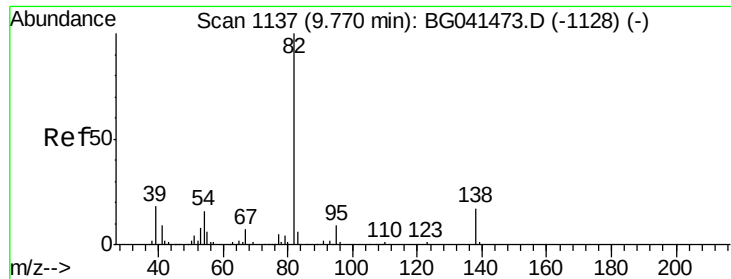
mohammad
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#24
 Nitrobenzene
 Concen: 30.791 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	66835		
123	36.0		29.9	44.9
65	17.1		12.2	18.4





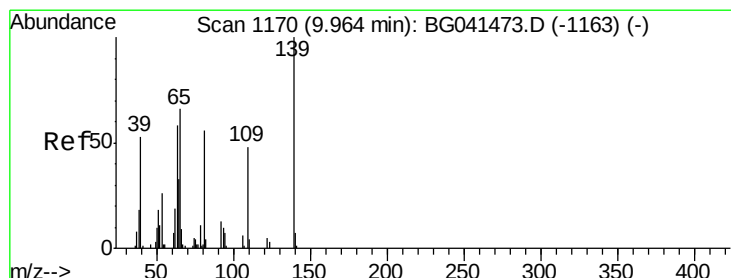
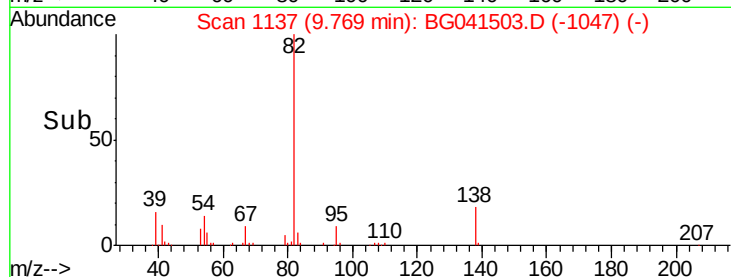
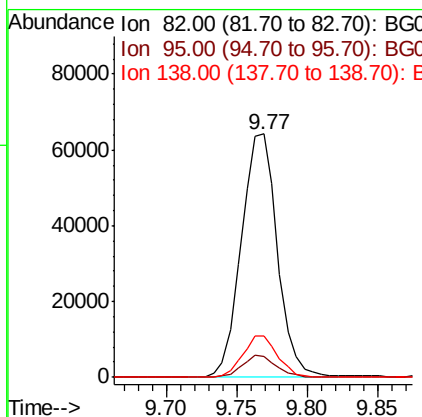
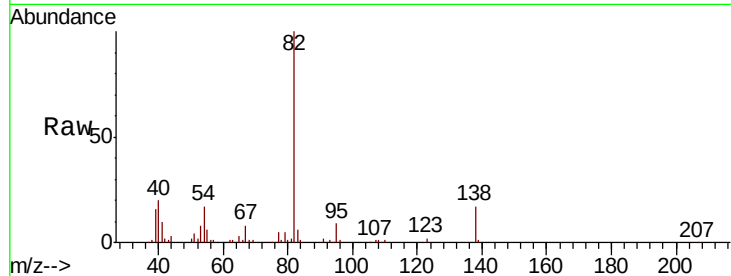
#25
Isophorone
Concen: 29.615 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	114982		
95	8.7		6.8	10.2
138	17.2		13.7	20.5

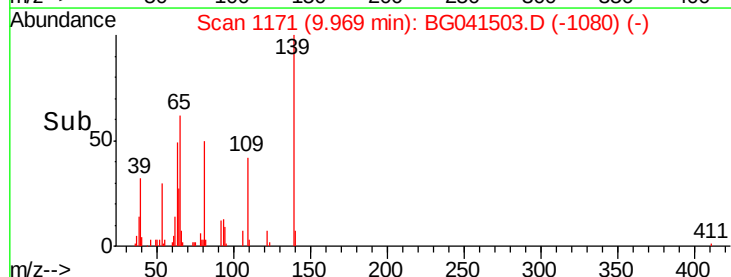
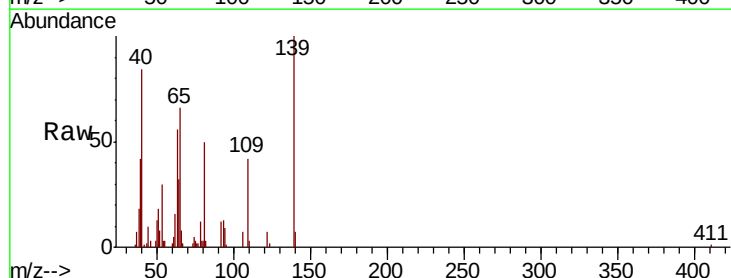
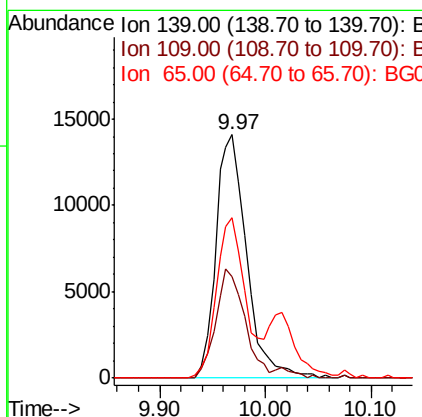
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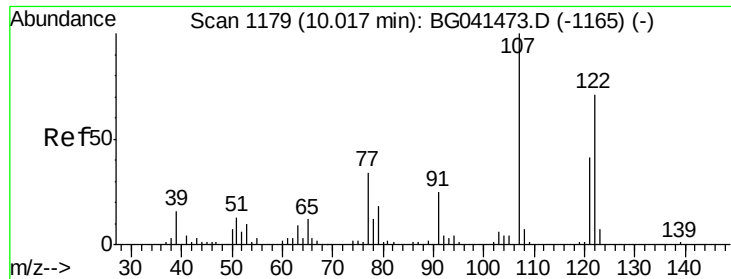
mohammad
7/1/2019 8:11:04 AM



#26
2-Nitrophenol
Concen: 31.393 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	28458		
109	41.6		38.6	57.8
65	65.7		52.6	78.8





#27

2,4-Dimethylphenol

Concen: 36.170 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

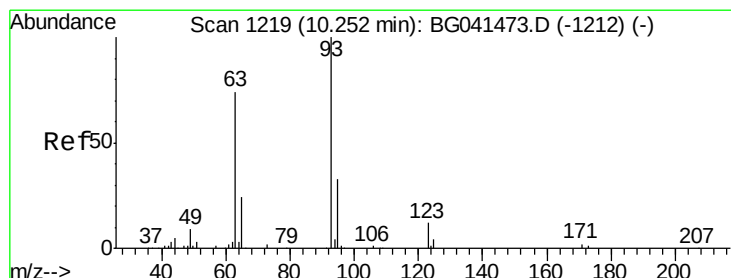
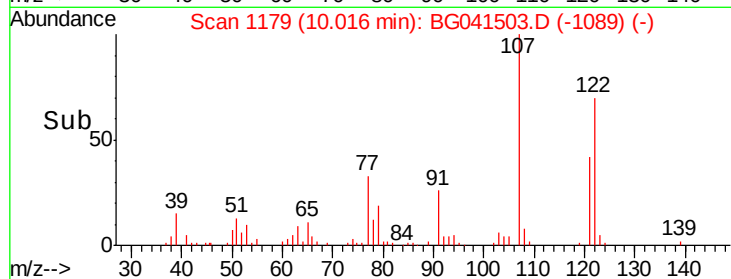
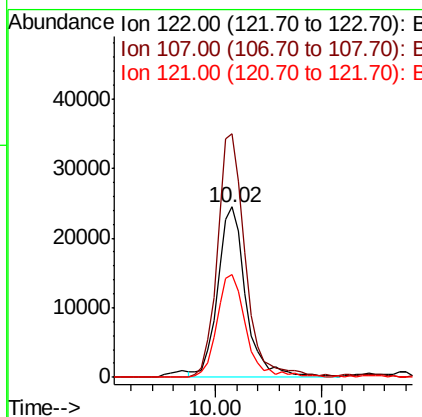
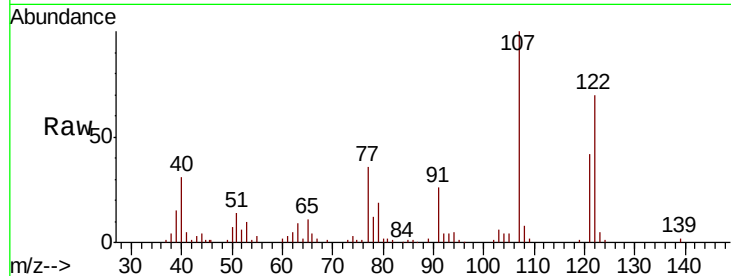
ClientSampleId :

M-10MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		45634		
107	143.0	112.9	169.3		
121	60.1	46.1	69.1		

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#28

bis(2-Chloroethoxy)methane

Concen: 29.256 ng

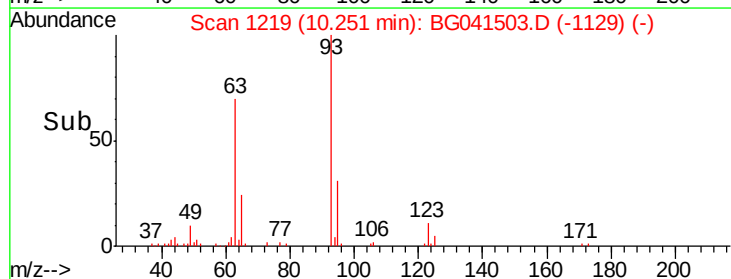
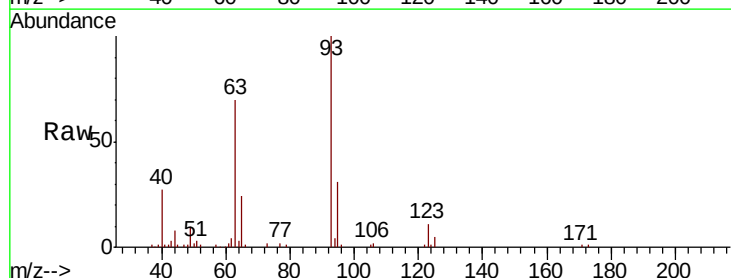
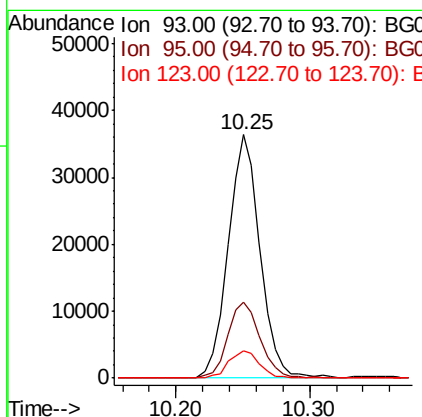
RT: 10.25 min Scan# 1219

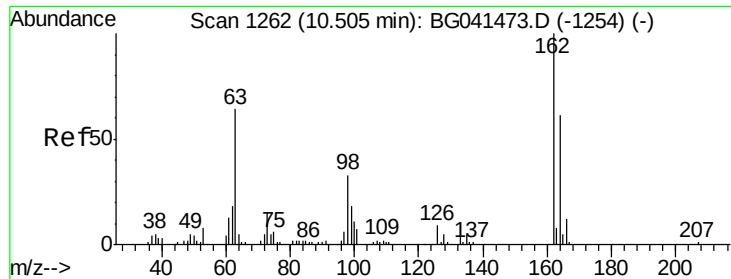
Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		60064		
95	31.4	26.2	39.2		
123	11.2	9.6	14.4		





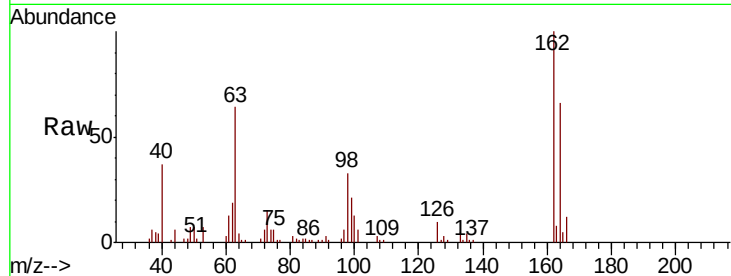
#29
2,4-Dichlorophenol
Concen: 32.004 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	41.3	81.3
98	33.5	13.2	53.2

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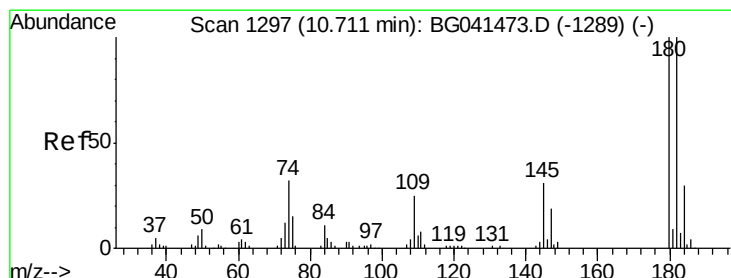
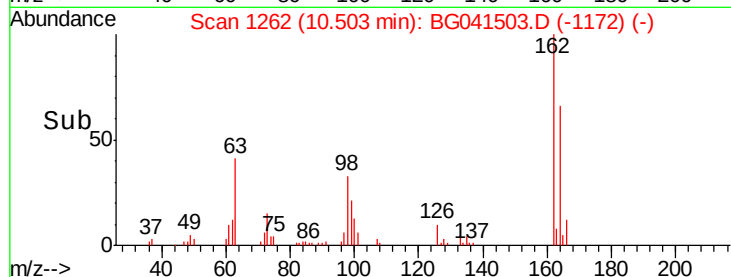
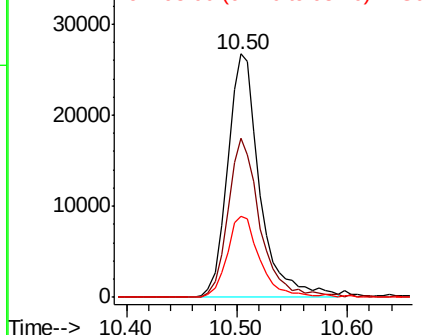


Abundance

Ion 162.00 (161.70 to 162.70): E

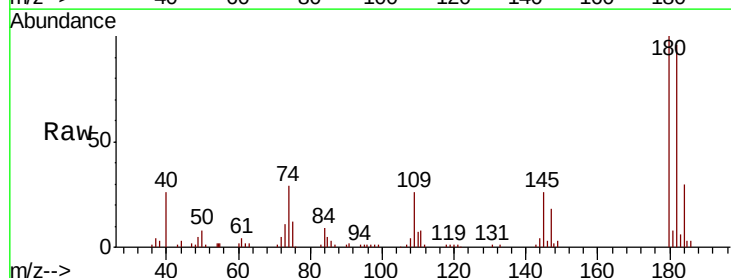
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 29.420 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	79.9	119.9
145	25.6	24.7	37.1

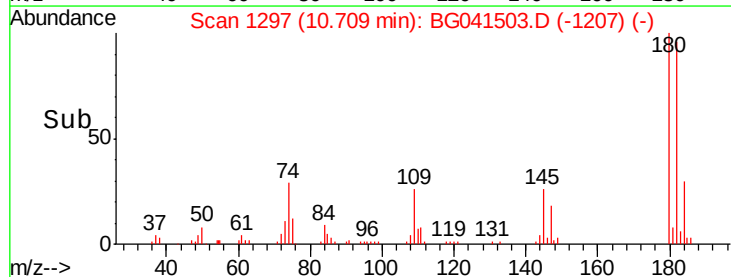
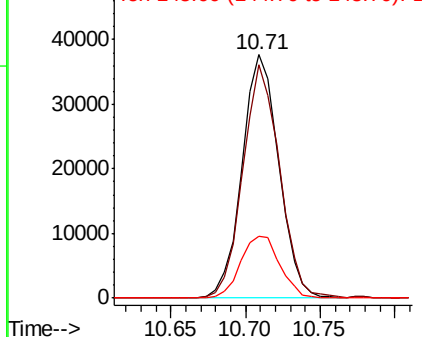


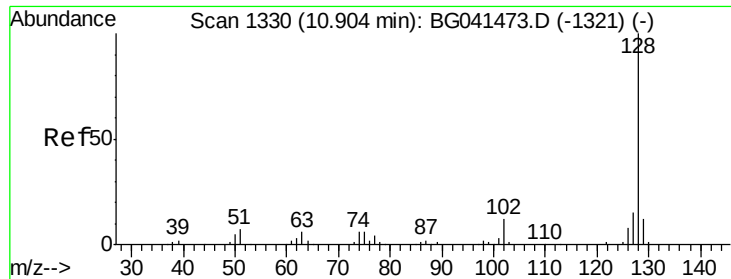
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





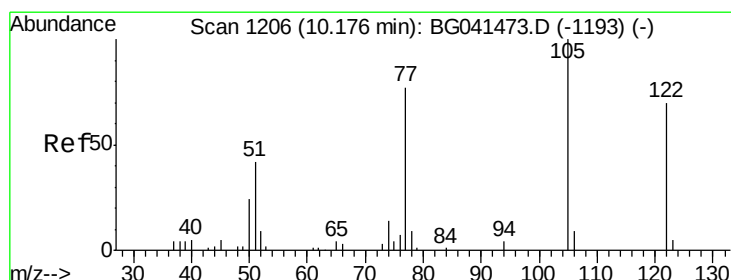
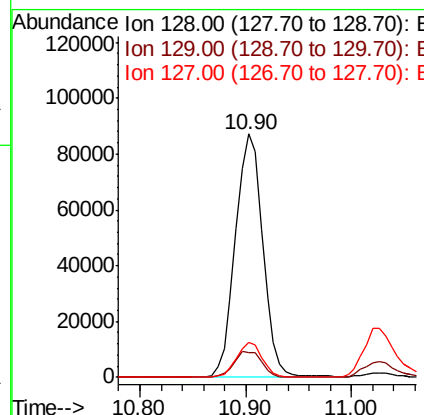
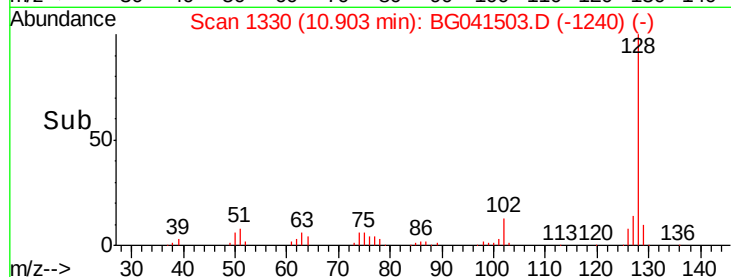
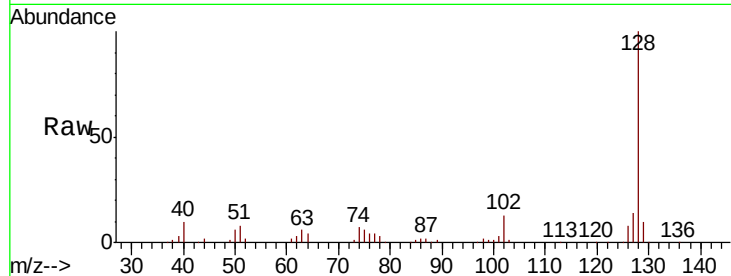
#31
Naphthalene
Concen: 31.392 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.7	14.5
127	14.3	11.6	17.4

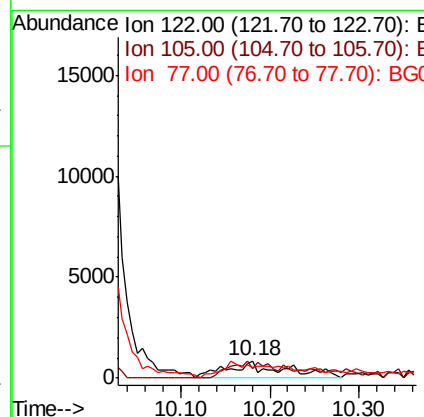
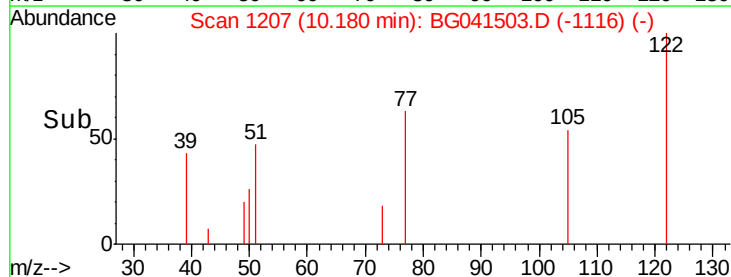
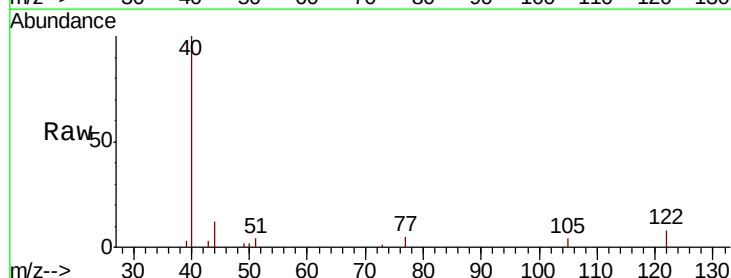
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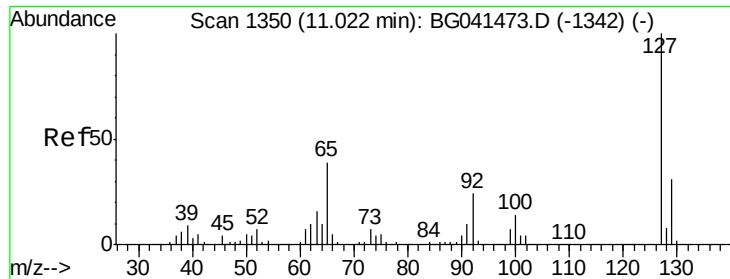
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#32
Benzoic acid
Concen: 9.946 ng m
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	53.8	117.8	157.8#
77	62.9	88.9	128.9#





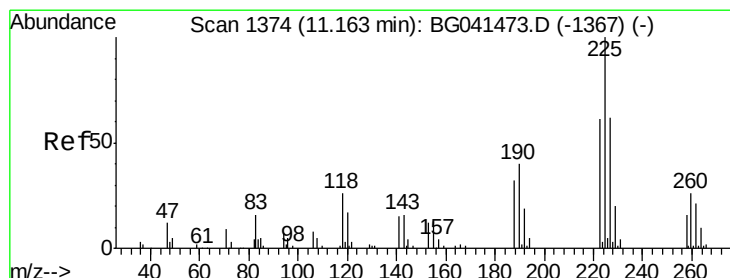
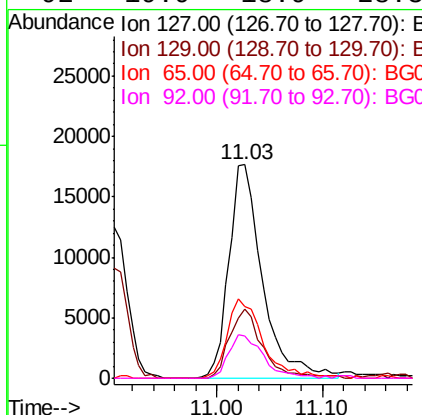
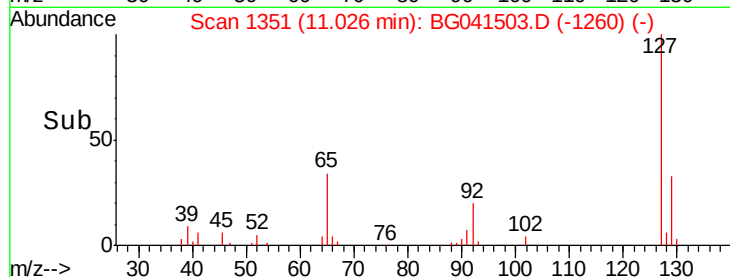
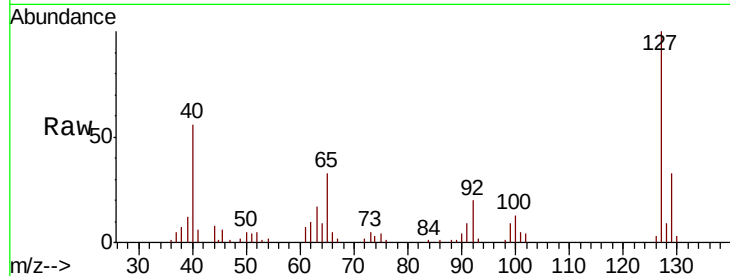
#33
4-Chloroaniline
Concen: 18.562 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		38972		
129	32.6	24.6	37.0		
65	33.4	31.5	47.3		
92	19.9	18.9	28.3		

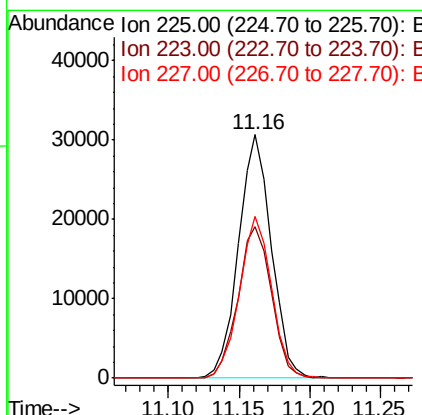
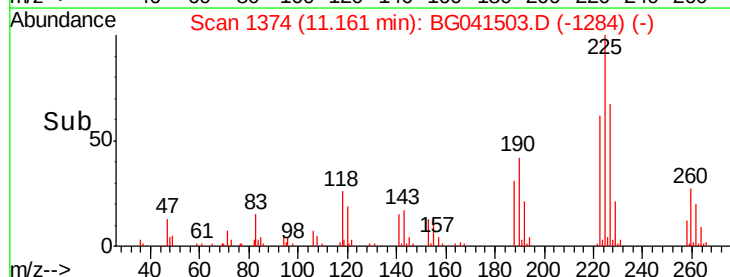
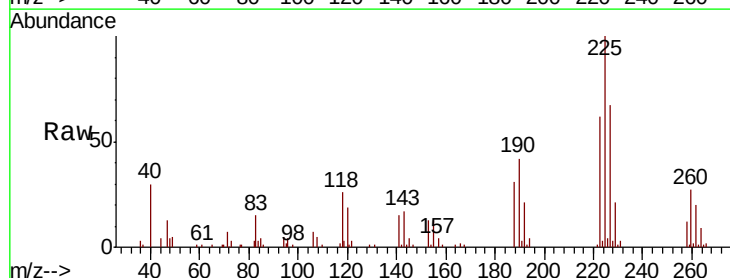
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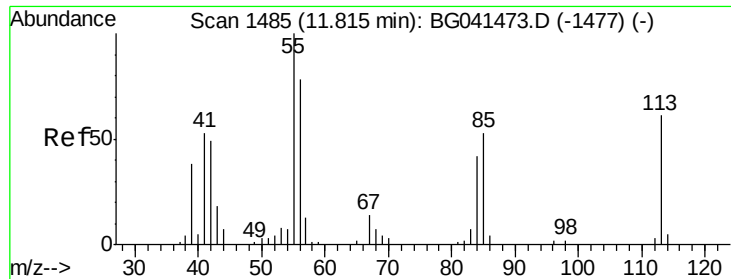
mohammad
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#34
Hexachlorobutadiene
Concen: 28.797 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		49927		
223	62.1	48.6	72.8		
227	66.7	49.3	73.9		





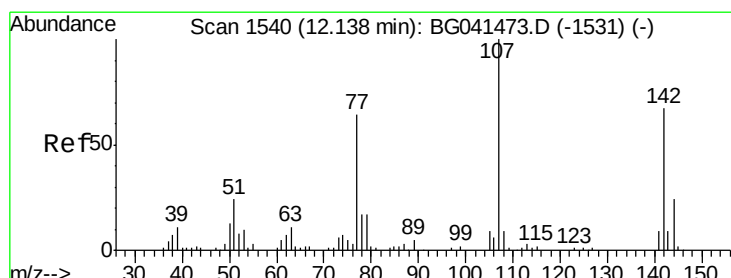
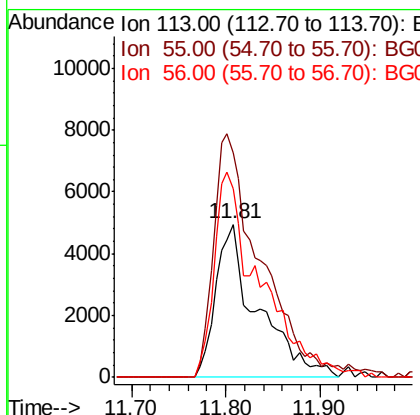
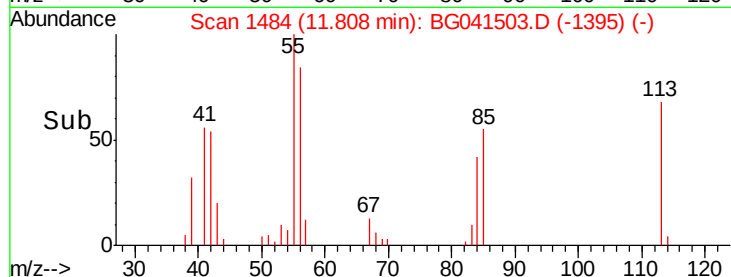
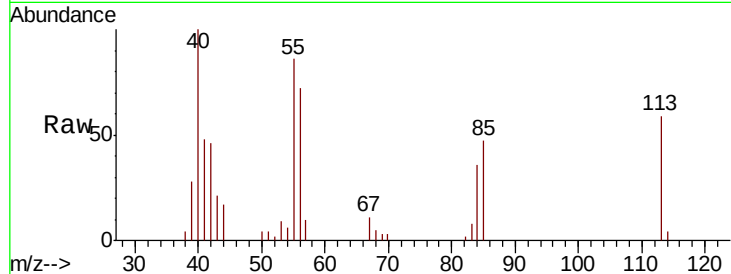
#35
 Caprolactam
 Concen: 28.803 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampled :
 M-10MS

Tot Ion:113 Resp: 15326
 Ion Ratio Lower Upper
 113 100
 55 146.6 145.1 185.1
 56 123.2 109.4 149.4

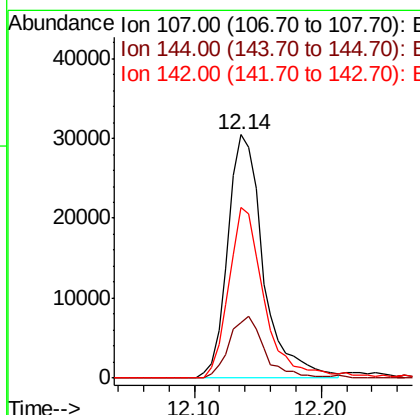
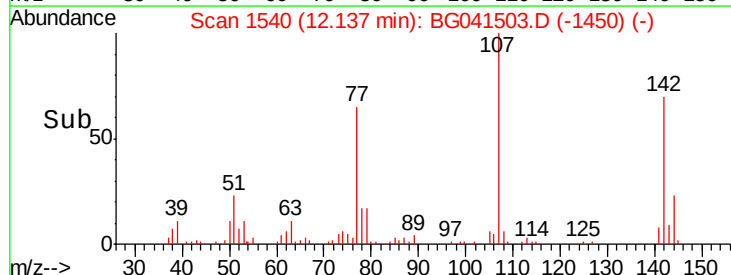
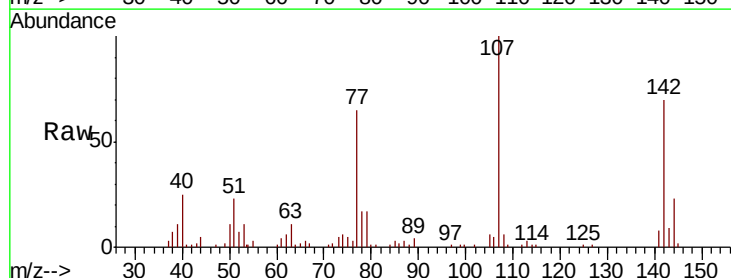
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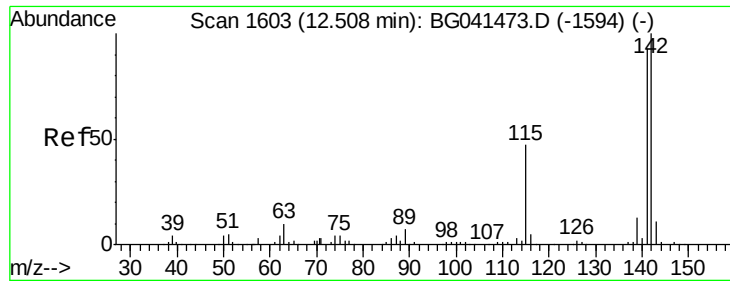
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 32.066 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Tgt Ion:107 Resp: 59207
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.4 29.0
 142 70.3 53.8 80.6





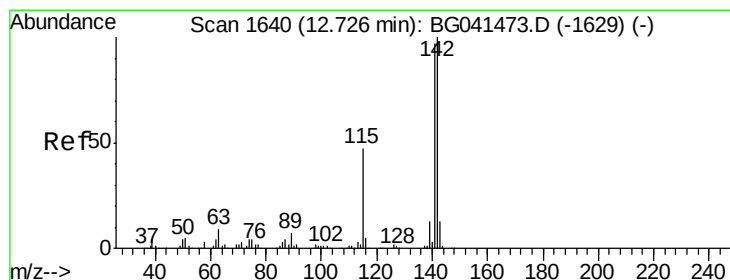
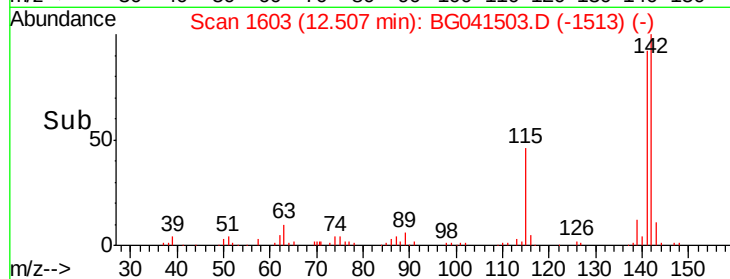
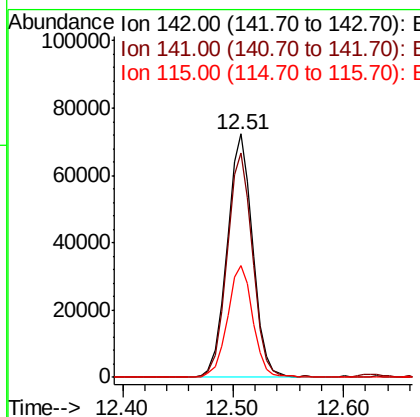
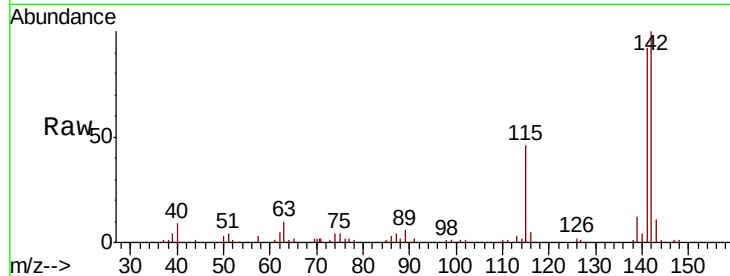
#37
2-Methylnaphthalene
Concen: 31.707 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.8	112.2
115	46.1	38.0	57.0

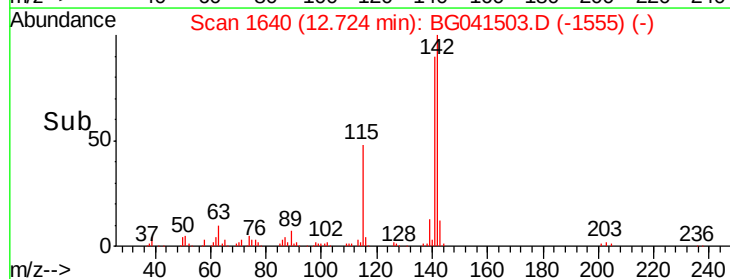
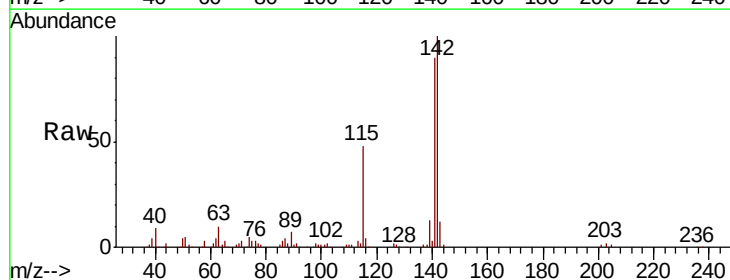
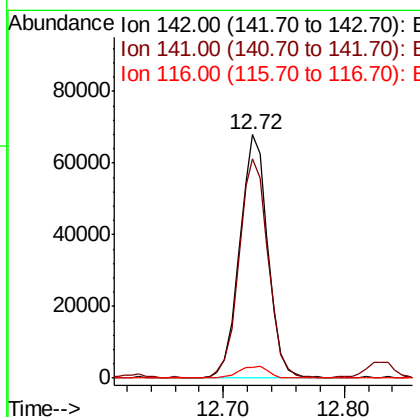
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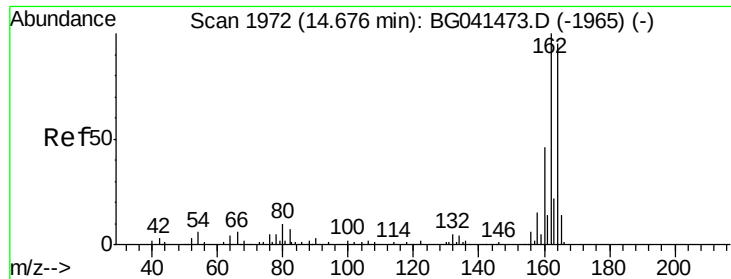
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#38
1-Methylnaphthalene
Concen: 31.207 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	77.4	116.2
116	4.2	3.8	5.8





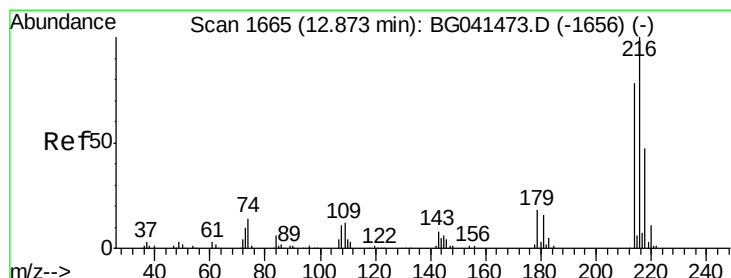
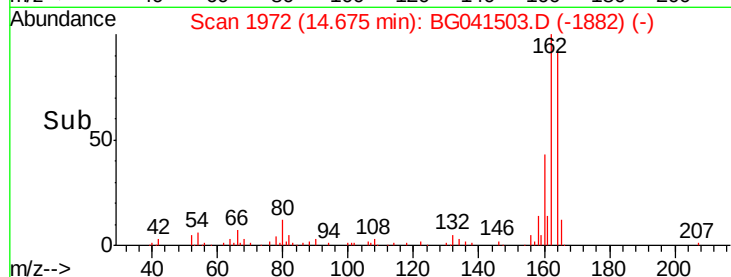
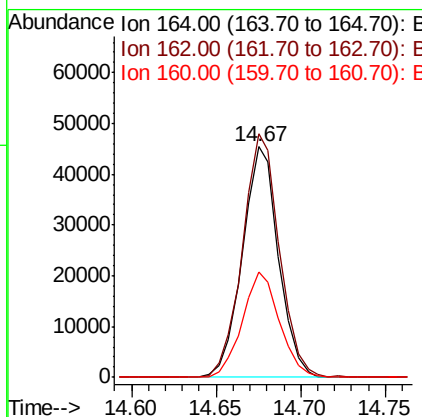
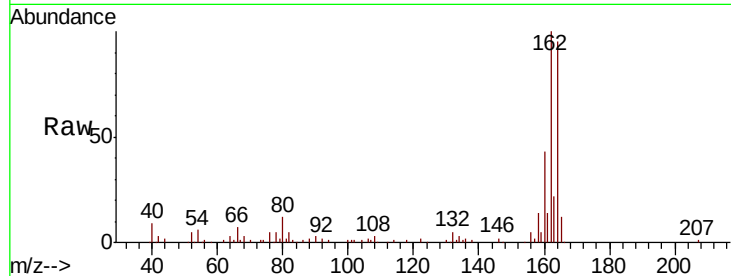
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	84.4	126.6
160	45.9	38.8	58.2

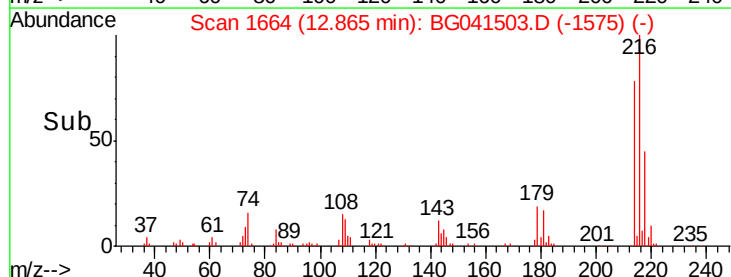
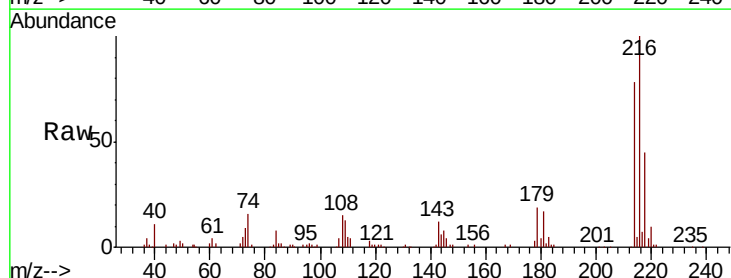
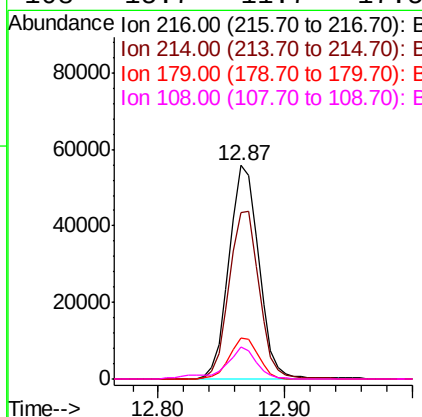
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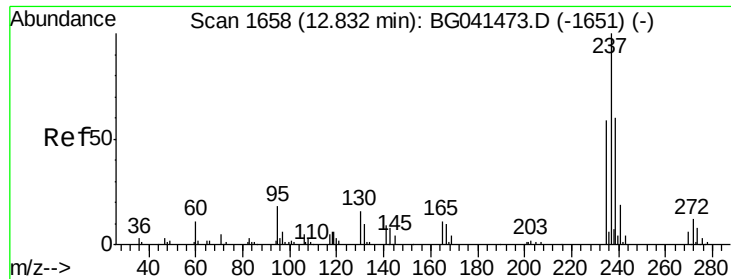
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.669 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	18.7	15.1	22.7
108	15.7	11.7	17.5





#41

Hexachlorocyclopentadiene

Concen: 46.038 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

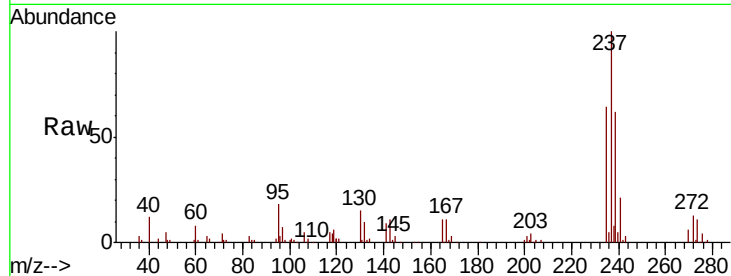
ClientSampleId :

M-10MS

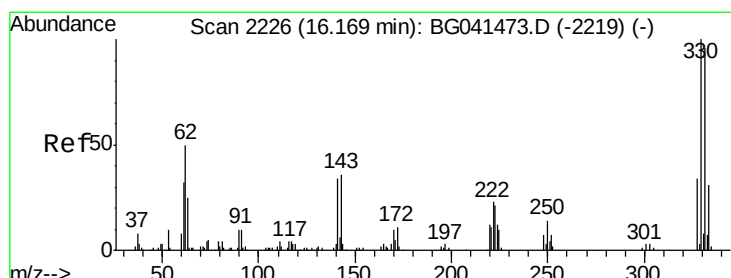
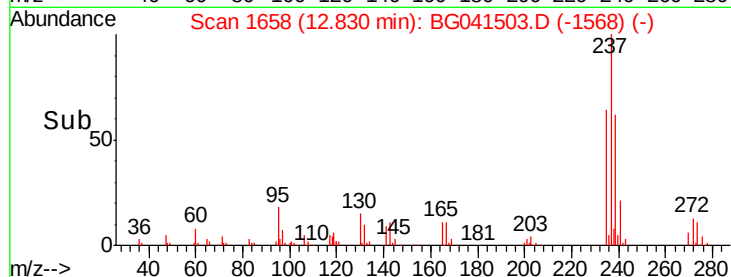
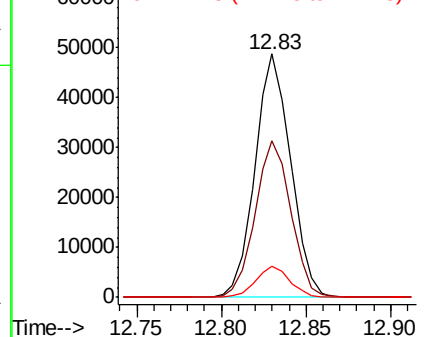
Tot Ion:	237	Resp:	71496
Ion Ratio	Lower	Upper	
237	100		
235	64.3	39.1	79.1
272	12.6	0.0	31.5

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



#42

2,4,6-Tribromophenol

Concen: 108.925 ng

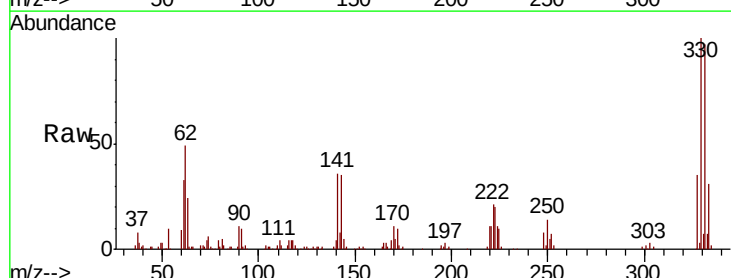
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

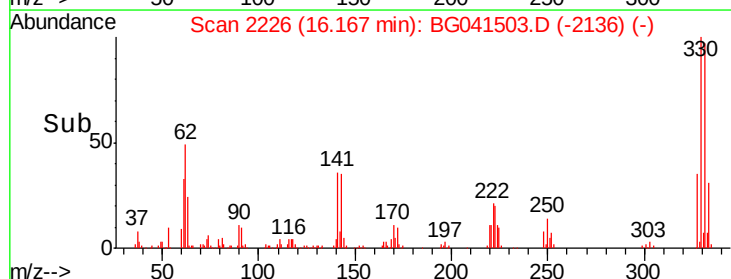
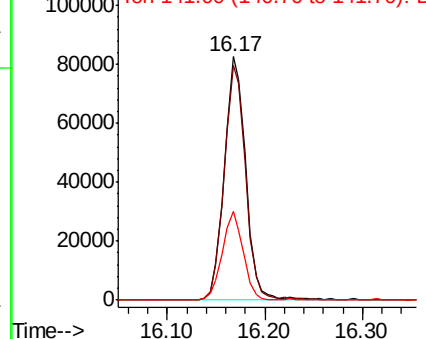
Lab File: BG041503.D

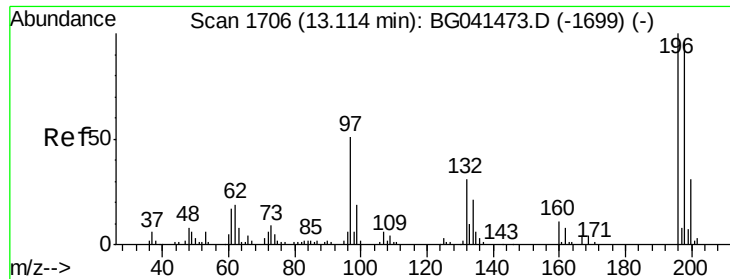
Acq: 28 Jun 2019 2:34

Tgt Ion:	330	Resp:	125309
Ion Ratio	Lower	Upper	
330	100		
332	96.5	75.5	113.3
141	35.5	27.8	41.6



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





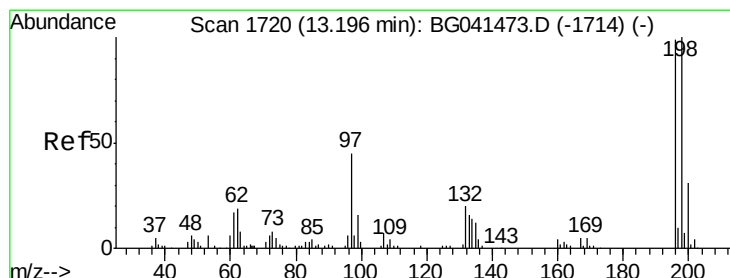
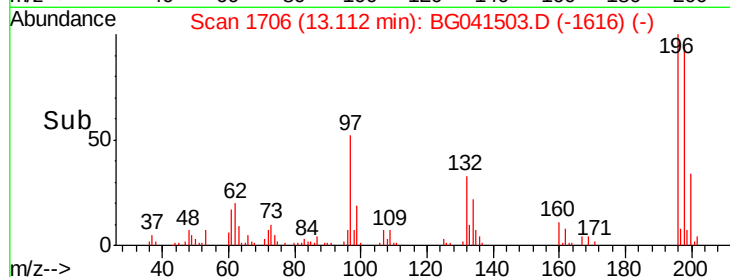
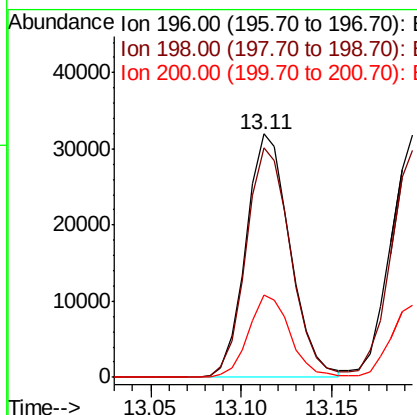
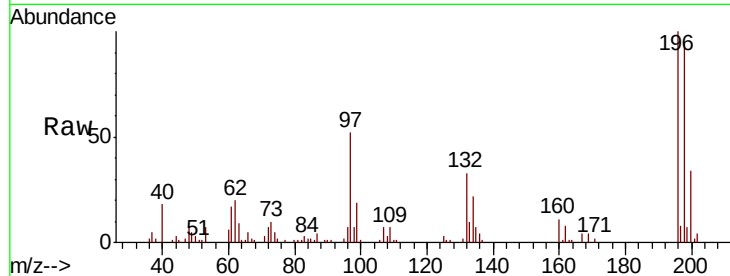
#43
 2,4,6-Trichlorophenol
 Concen: 30.612 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampled :
 M-10MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	53884		
198	94.5	76.7	115.1	
200	33.7	24.4	36.6	

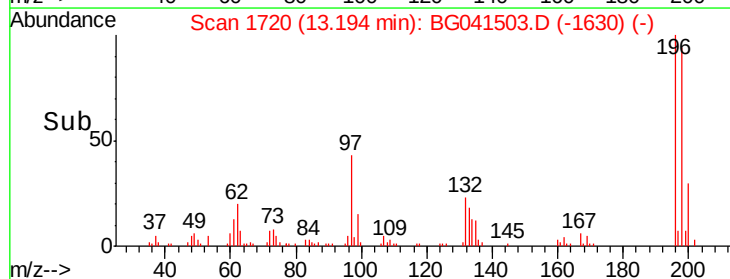
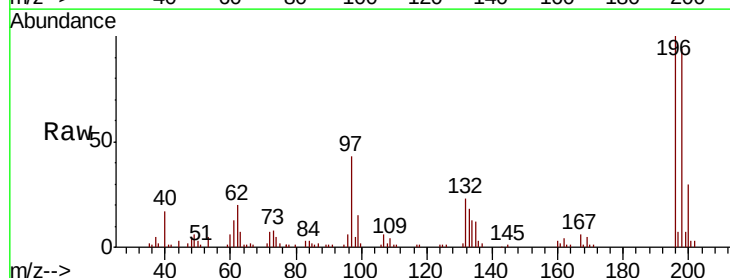
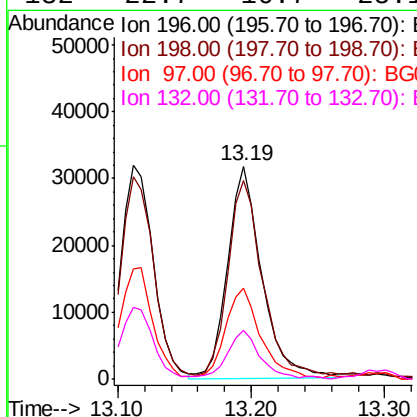
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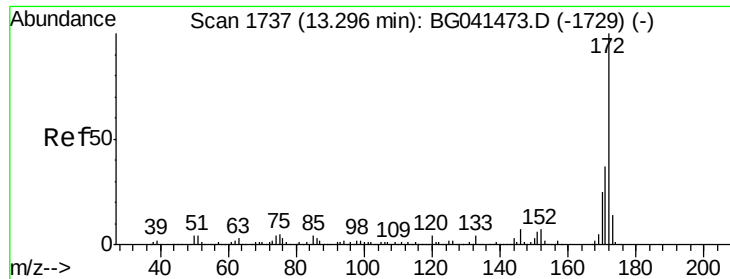
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 32.547 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57077		
198	93.6	80.5	120.7	
97	43.0	36.5	54.7	
132	22.7	16.7	25.1	





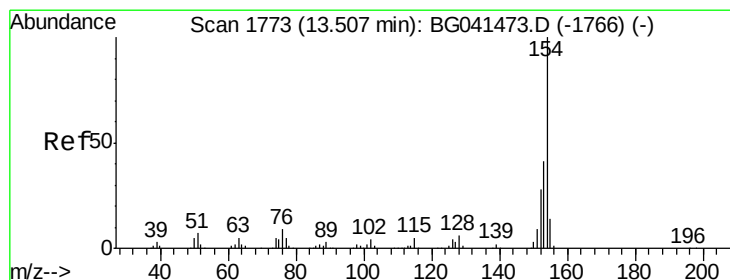
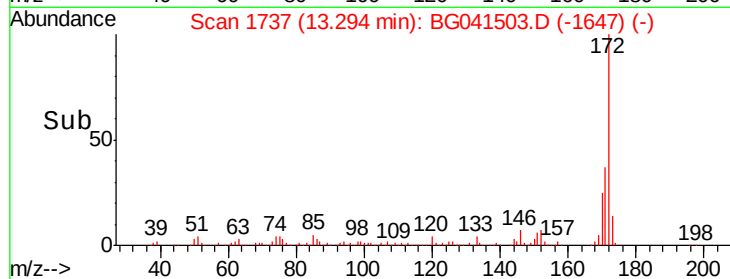
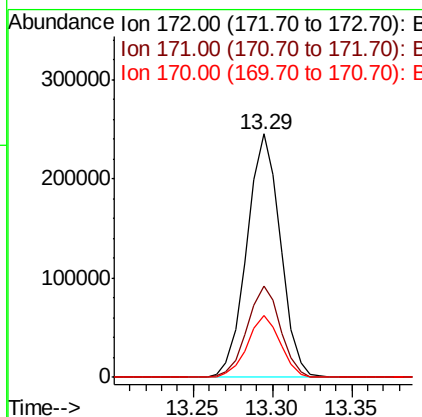
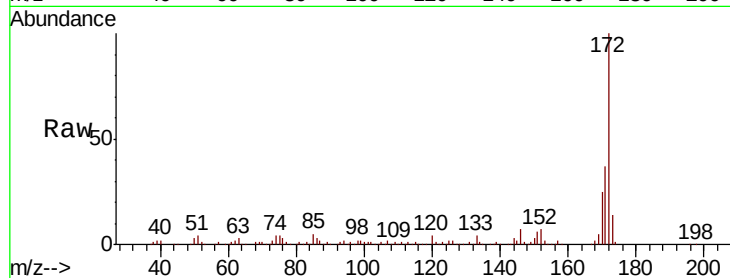
#45
2-Fluorobiphenyl
Concen: 68.866 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	361579		
171	37.4		29.6	44.4
170	25.3		20.0	30.0

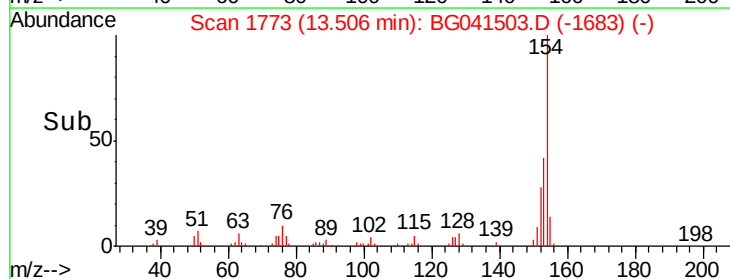
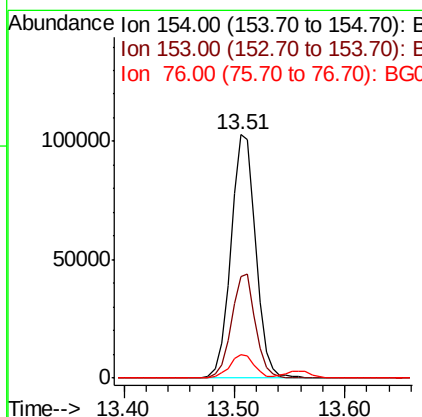
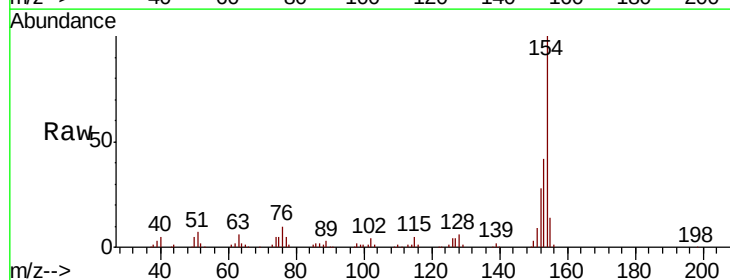
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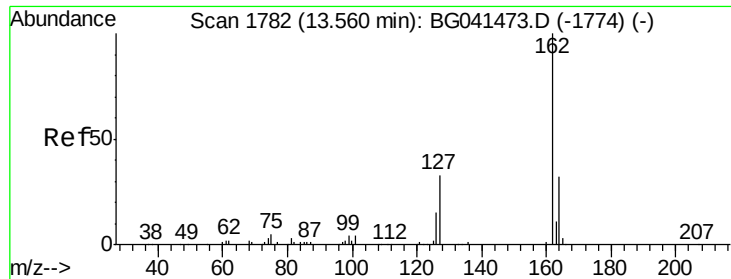
mohammad
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#46
1,1'-Biphenyl
Concen: 30.492 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	162175		
153	41.8		20.9	60.9
76	9.6		0.0	29.4





#47

2-Chloronaphthalene

Concen: 30.180 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

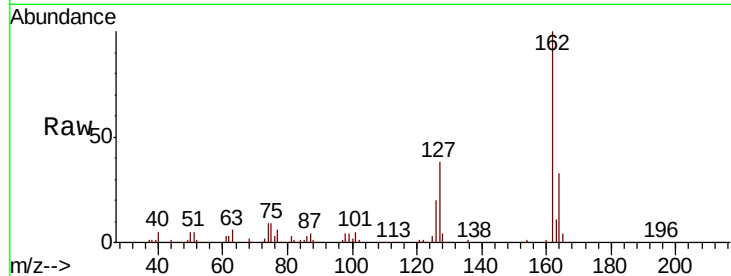
ClientSampled :

M-10MS

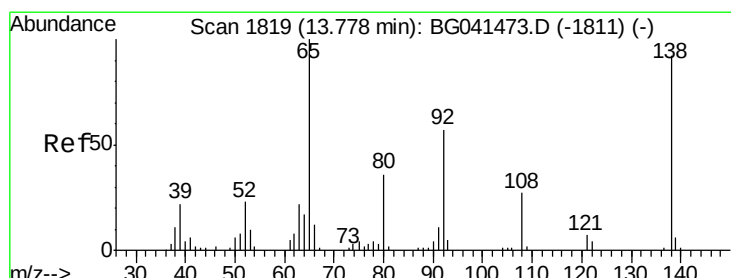
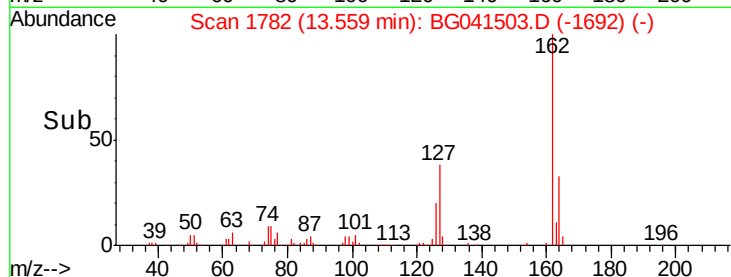
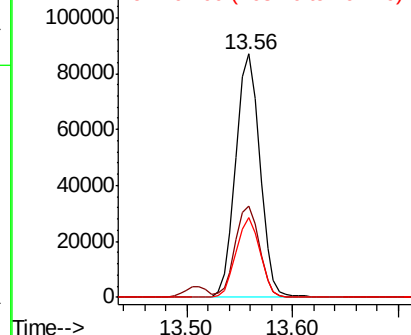
Tot Ion:	162	Resp:	137809
Ion Ratio	Lower	Upper	
162	100		
127	37.6	30.0	45.0
164	33.0	25.8	38.6

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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: 28.539 ng

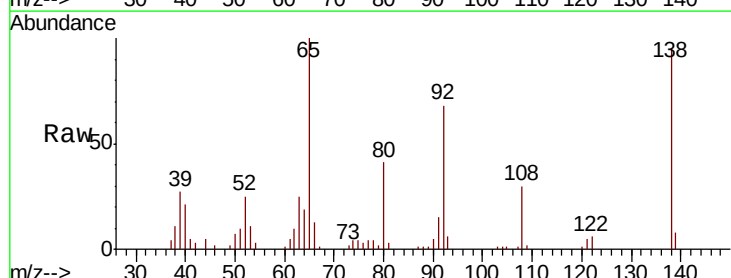
RT: 13.77 min Scan# 1818

Delta R.T. -0.01 min

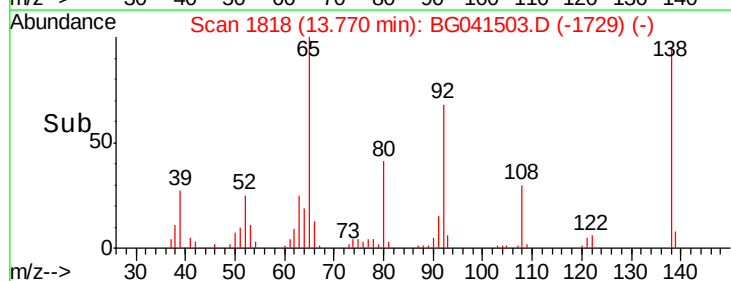
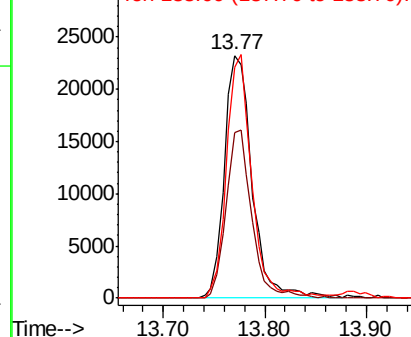
Lab File: BG041503.D

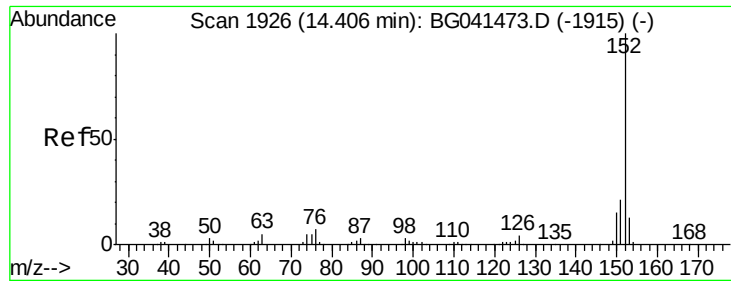
Acq: 28 Jun 2019 2:34

Tgt Ion:	65	Resp:	44175
Ion Ratio	Lower	Upper	
65	100		
92	68.3	45.9	68.9
138	95.1	73.4	110.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 31.609 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

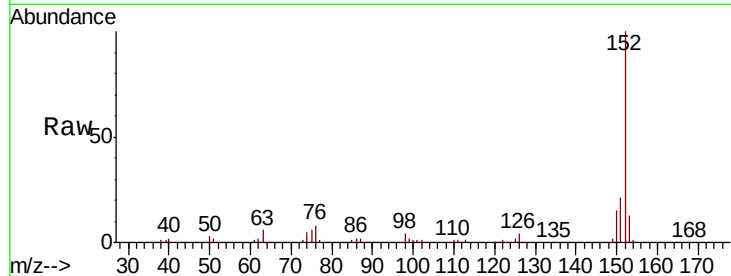
ClientSampleId :

M-10MS

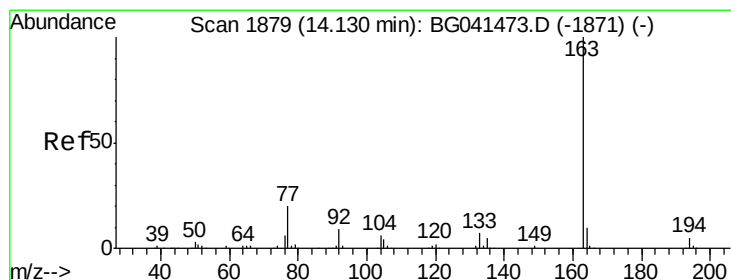
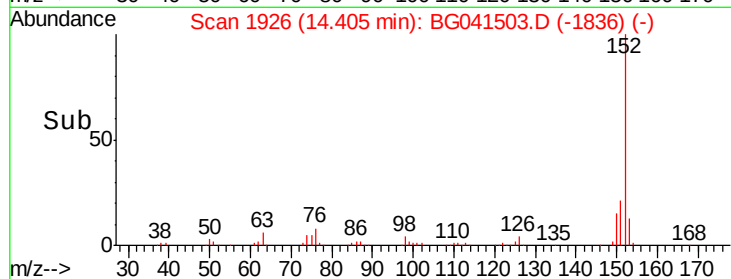
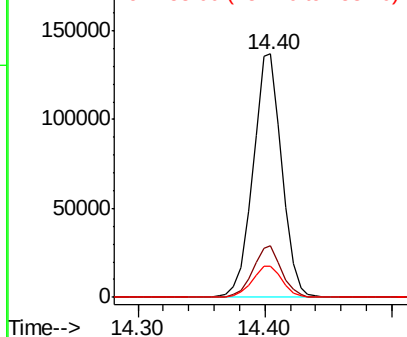
Tot Ion:	152	Resp:	215734
Ion Ratio		Lower	Upper
152	100		
151	21.0	16.7	25.1
153	12.6	10.8	16.2

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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: 43.261 ng

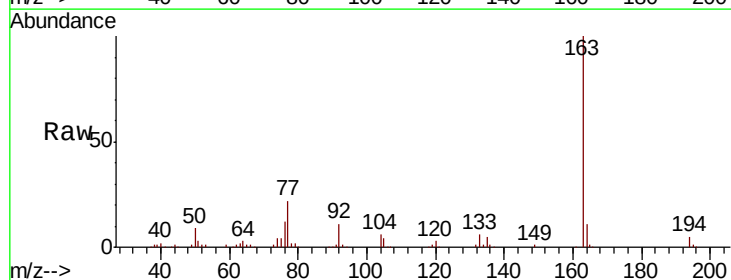
RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

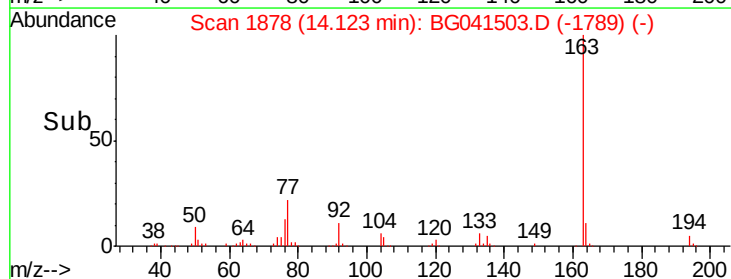
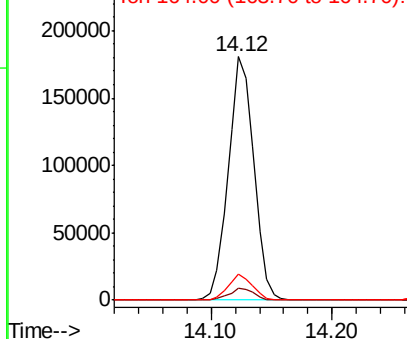
Lab File: BG041503.D

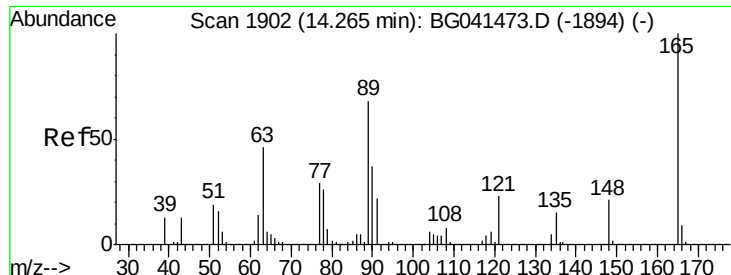
Acq: 28 Jun 2019 2:34

Tgt Ion:	163	Resp:	265251
Ion Ratio		Lower	Upper
163	100		
194	5.0	3.7	5.5
164	10.8	7.8	11.6



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: 30.706 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

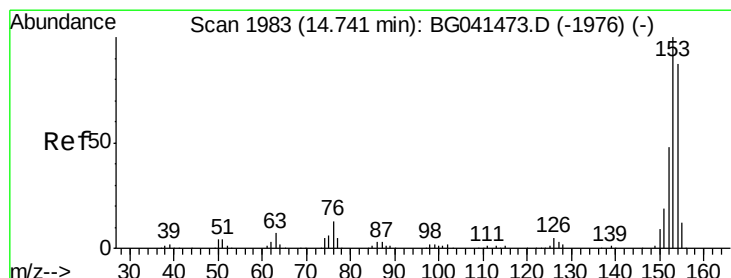
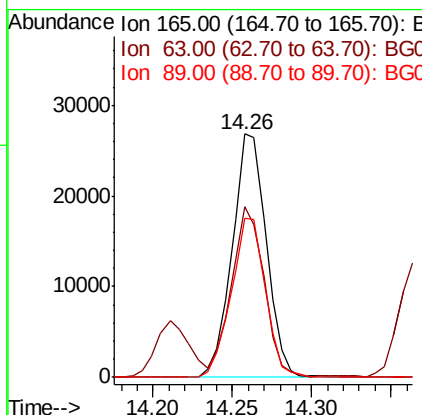
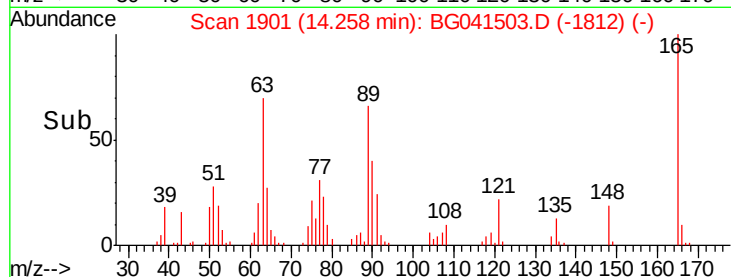
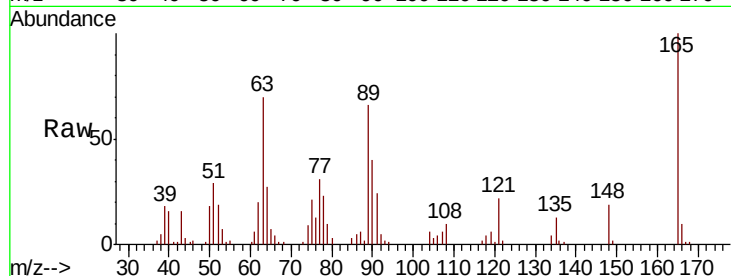
ClientSampled :

M-10MS

Tot Ion:	165	Resp:	39954
Ion Ratio	Lower	Upper	
165	100		
63	70.2	56.4	84.6
89	65.6	54.6	81.8

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#52

Acenaphthene

Concen: 30.868 ng

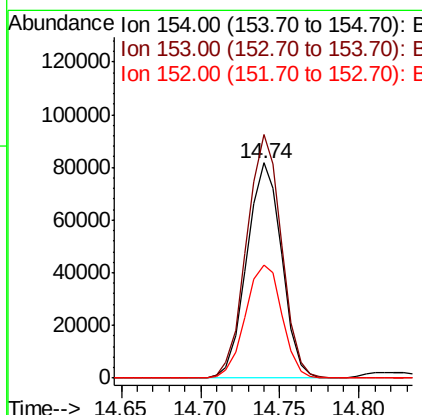
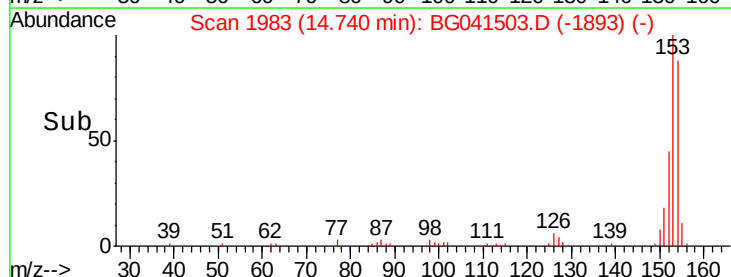
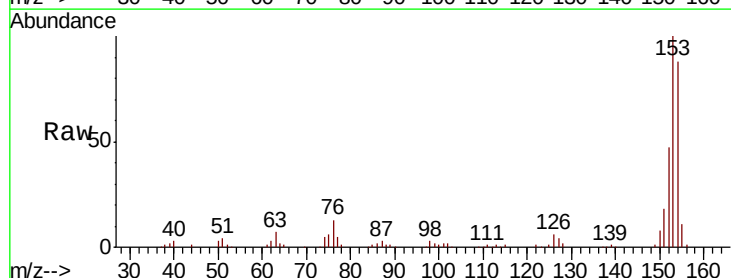
RT: 14.74 min Scan# 1983

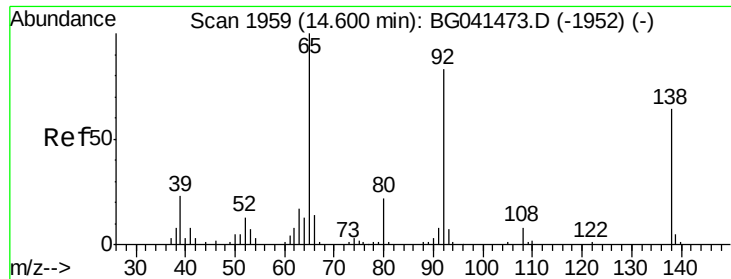
Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Tgt Ion:	154	Resp:	124934
Ion Ratio	Lower	Upper	
154	100		
153	113.3	92.2	138.4
152	52.8	44.1	66.1





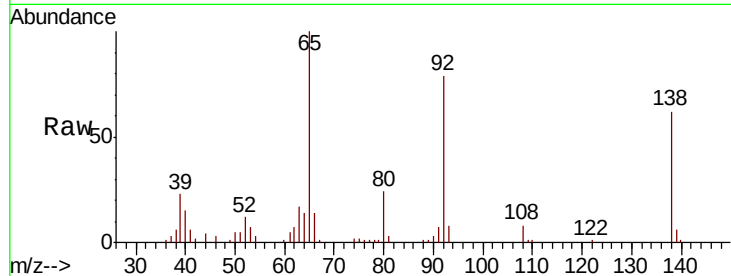
#53
3-Nitroaniline
Concen: 24.403 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.5	14.3
92	126.6	103.3	154.9

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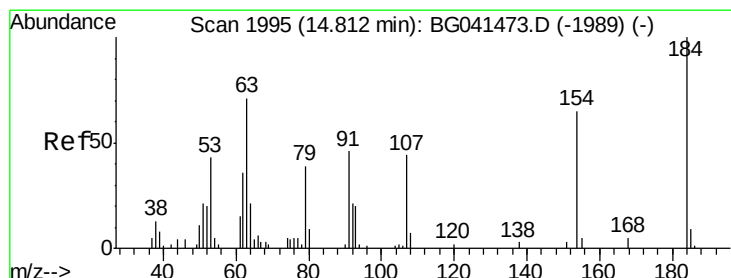
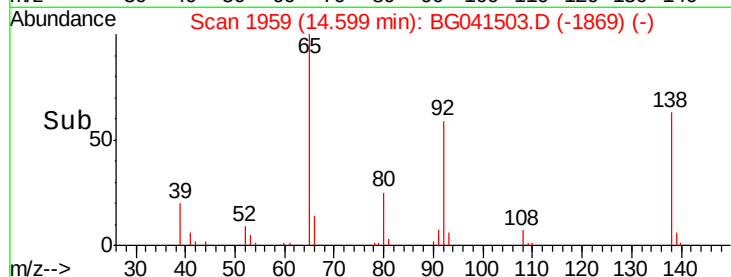
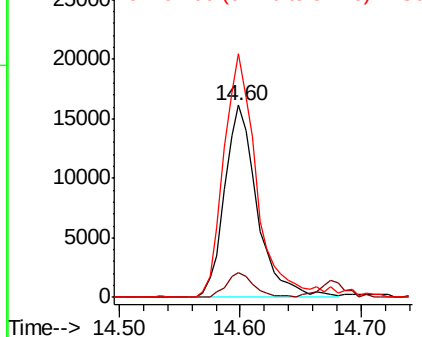


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 17.452 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

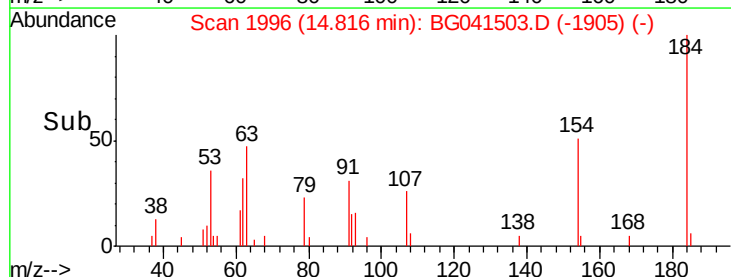
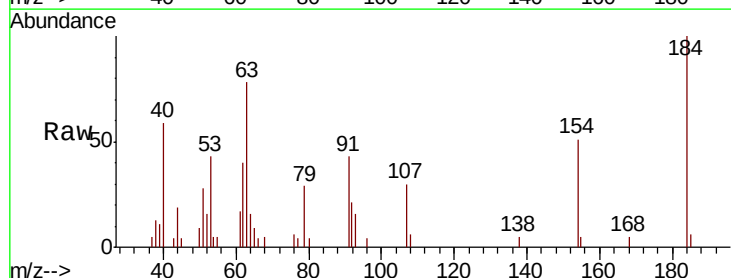
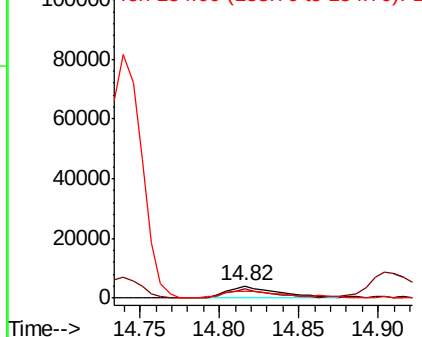
Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.9	56.5	84.7
154	51.0	54.2	81.4#

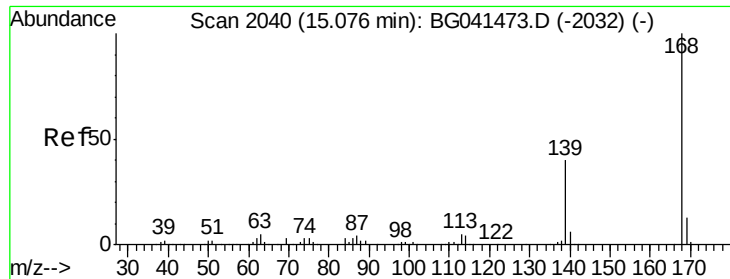
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





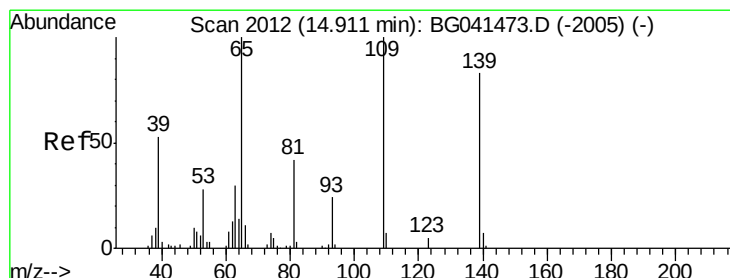
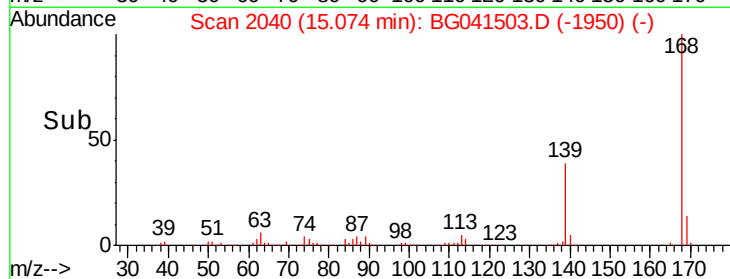
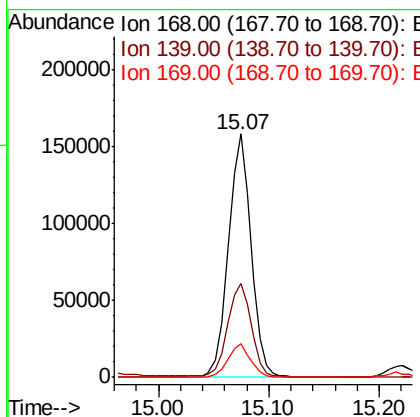
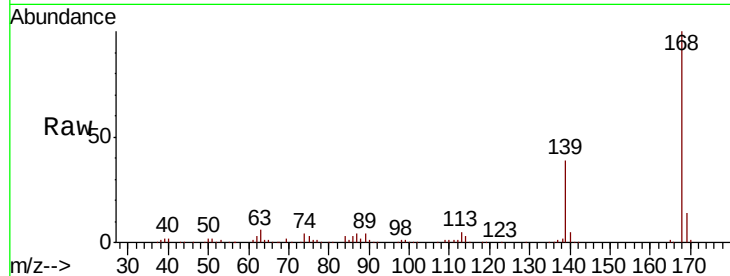
#55
Dibenzenofuran
Concen: 32.370 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	228075		
139	38.6		32.2	48.4
169	13.8		10.6	16.0

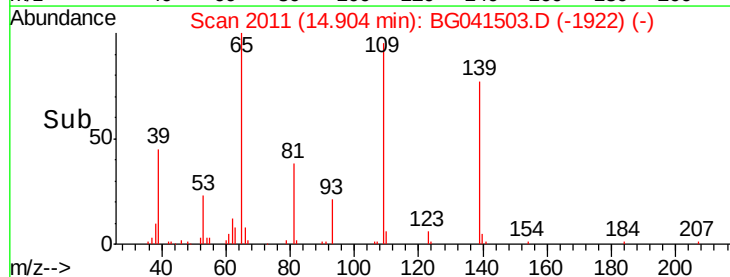
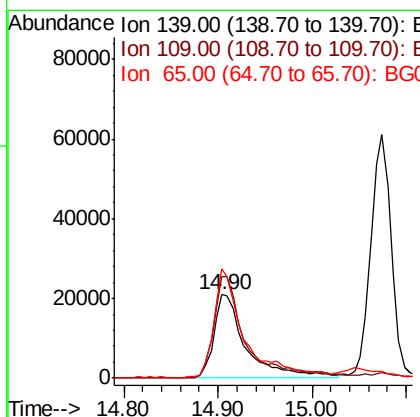
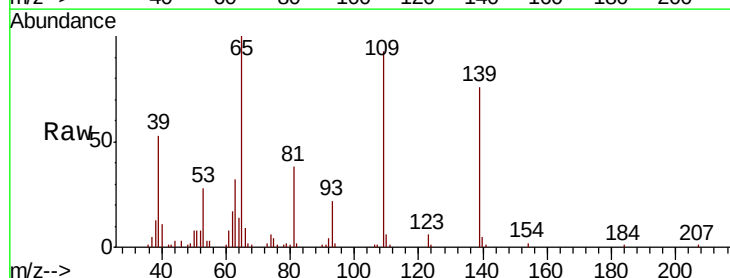
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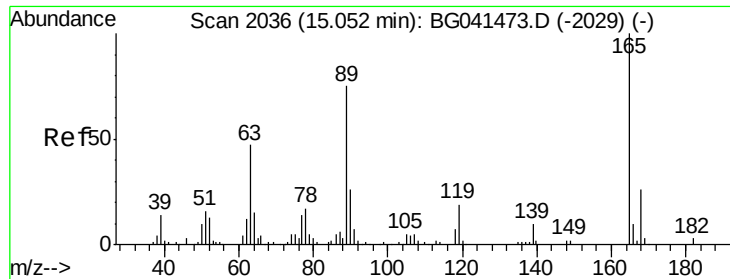
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#56
4-Nitrophenol
Concen: 63.186 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	50653		
109	122.2		99.9	139.9
65	131.8		100.6	140.6





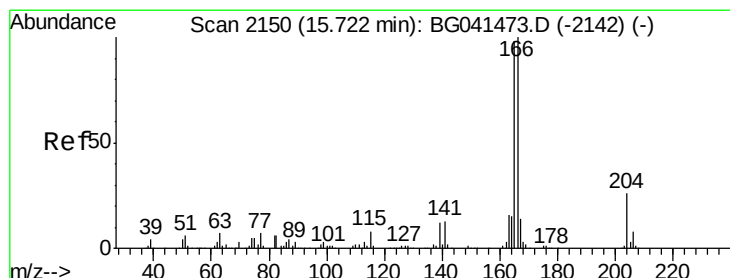
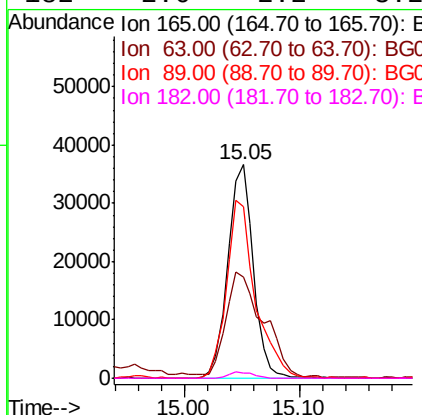
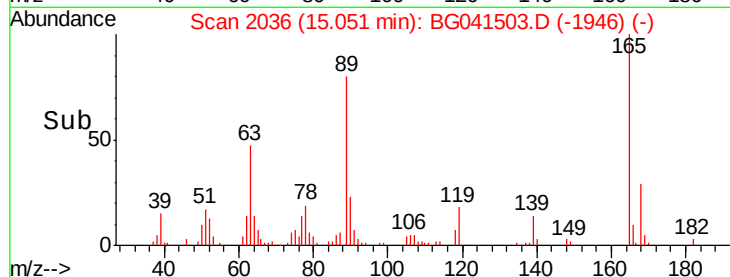
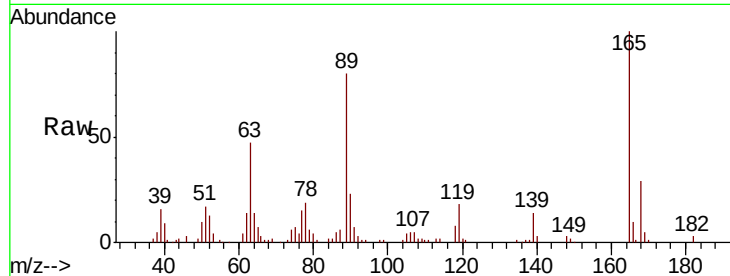
#57
2,4-Dinitrotoluene
Concen: 29.538 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		55758		
63	47.4		38.8	58.2	
89	80.3		60.1	90.1	
182	2.6		2.2	3.2	

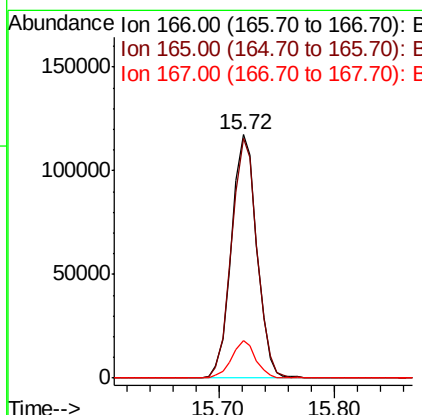
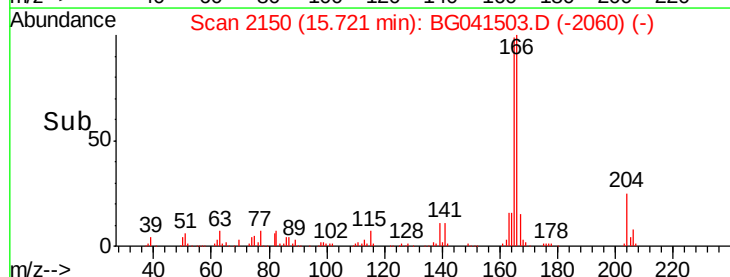
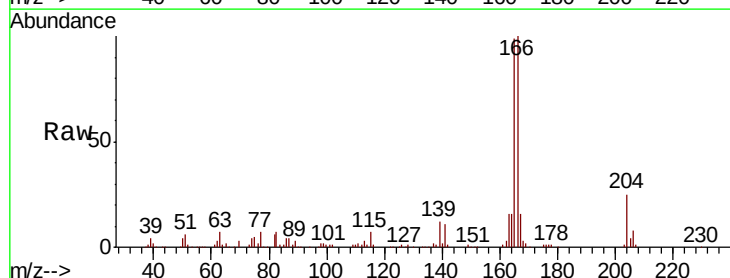
Manual Integrations
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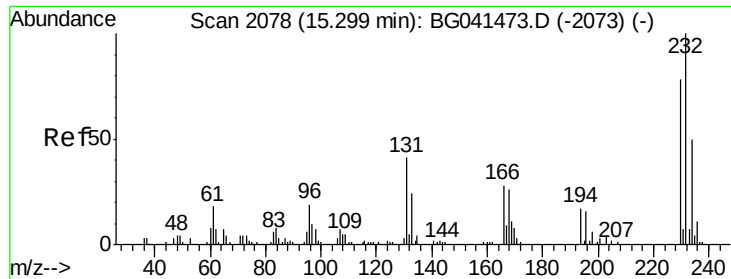
mohammad
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#58
Fluorene
Concen: 31.879 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		178696		
165	98.7		78.6	117.8	
167	15.6		11.4	17.0	





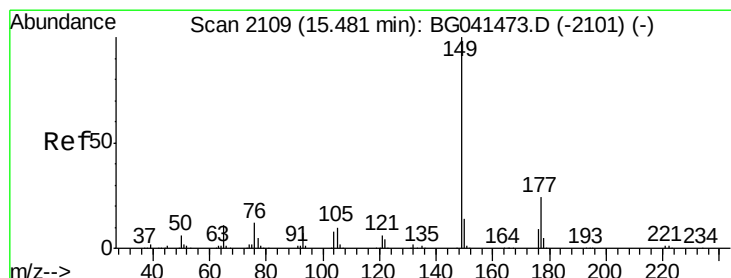
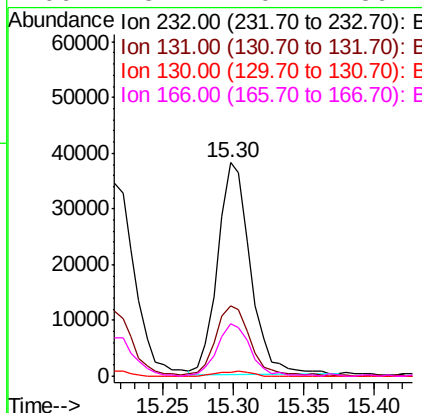
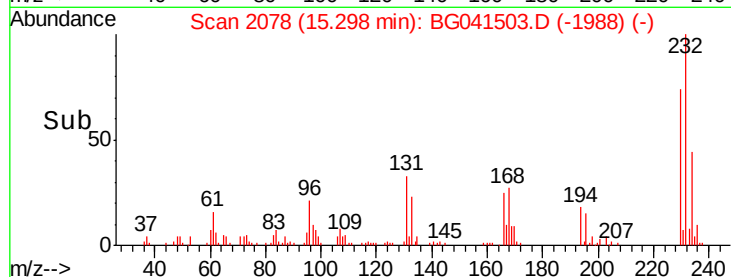
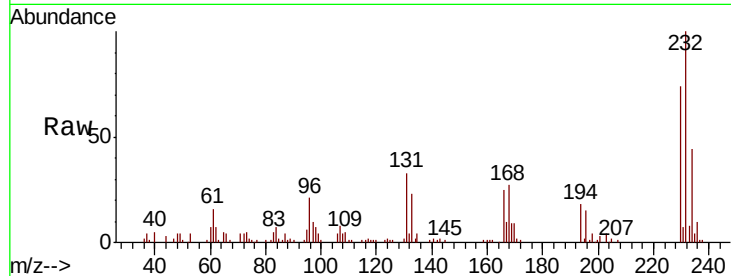
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.279 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion:	232	Resp:	61524
Ion Ratio	Lower	Upper	
232	100		
131	35.6	29.8	44.6
130	2.3	2.0	3.0
166	25.4	20.2	30.2

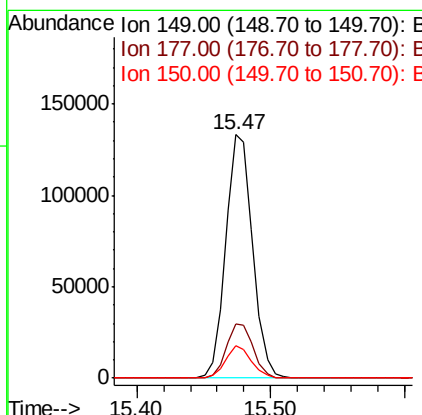
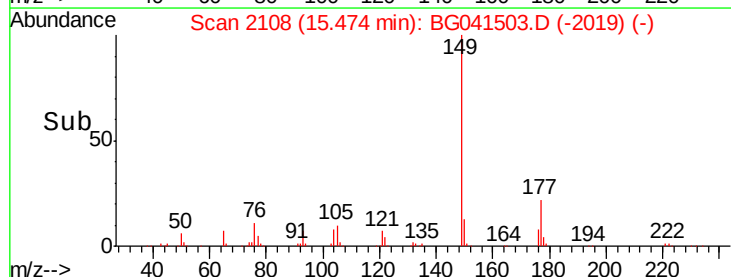
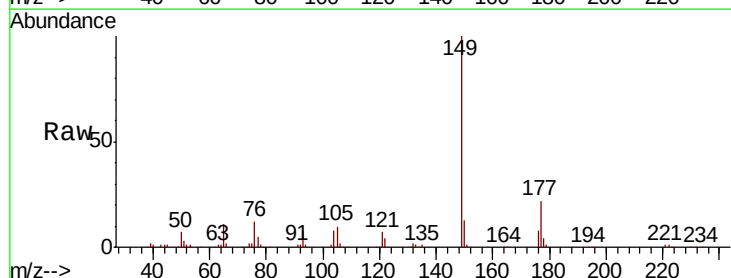
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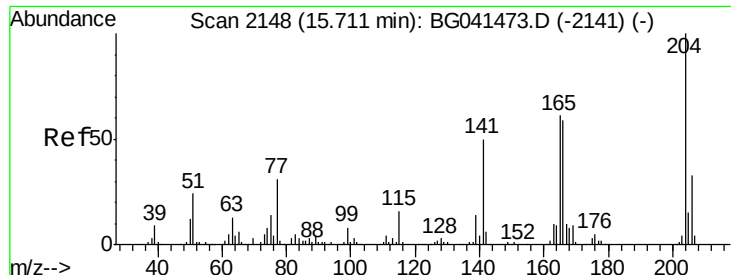
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#60
Diethylphthalate
Concen: 29.847 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion:	149	Resp:	187324
Ion Ratio	Lower	Upper	
149	100		
177	22.3	19.2	28.8
150	13.2	11.2	16.8





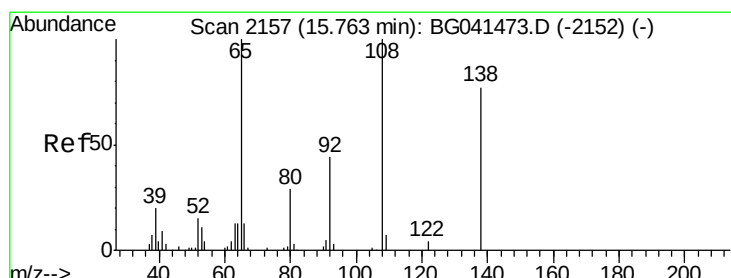
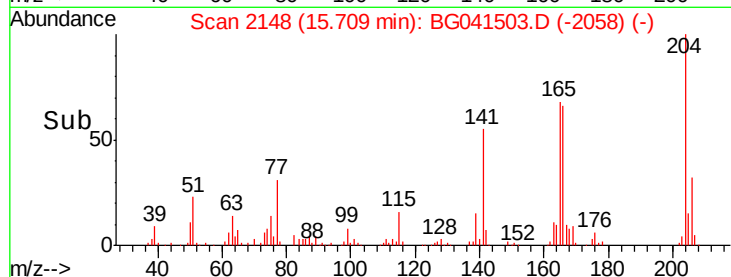
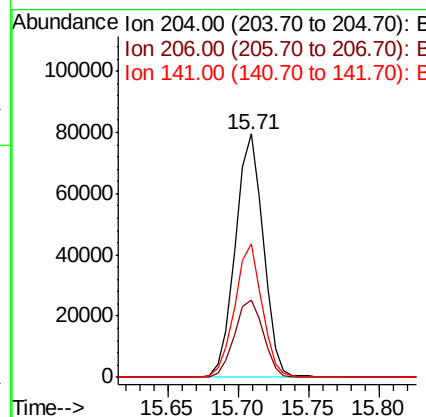
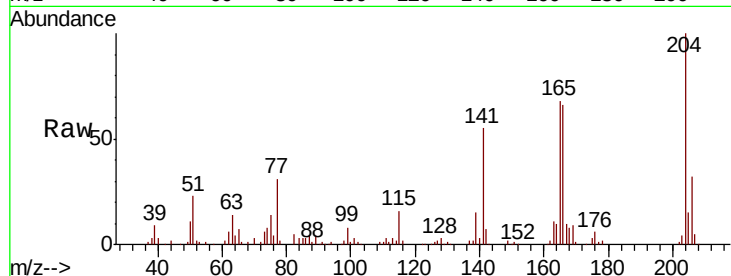
#61
4-Chlorophenyl-phenylether
Concen: 30.376 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.6	40.0
141	54.7	40.1	60.1

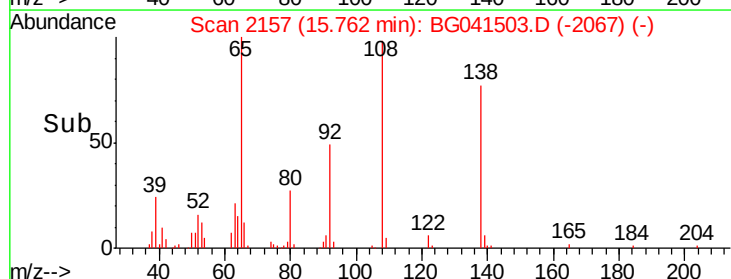
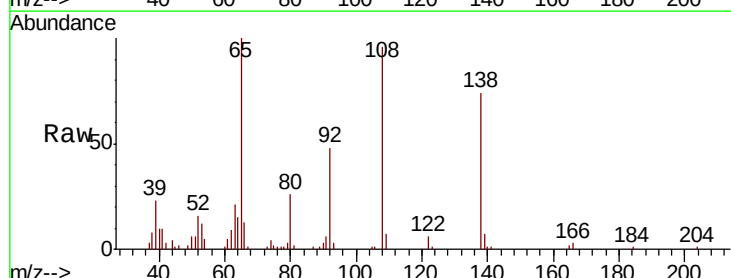
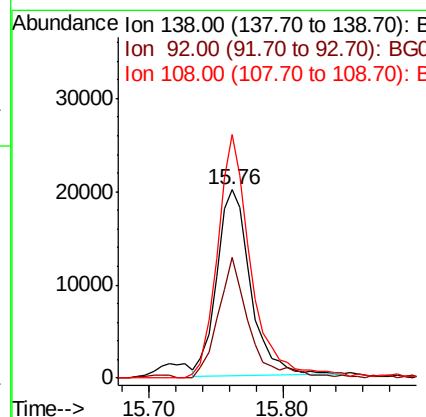
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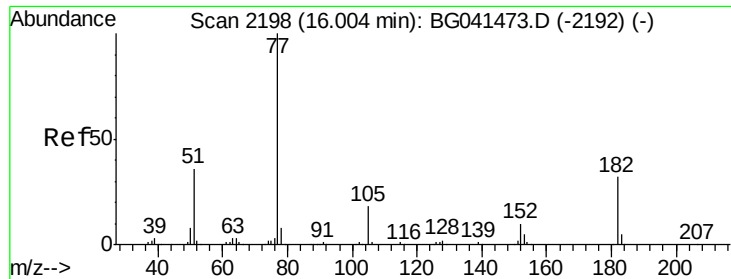
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#62
4-Nitroaniline
Concen: 29.470 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.9	34.9	74.9
108	129.4	105.5	145.5





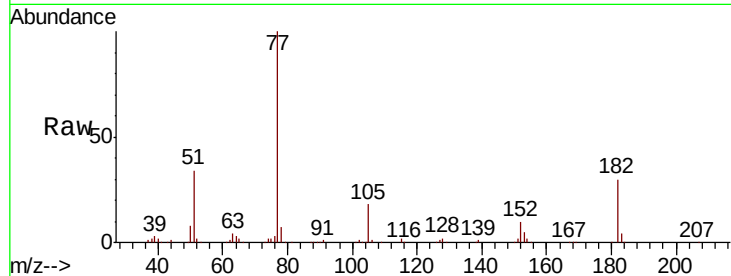
#63
Azobenzene
Concen: 31.087 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

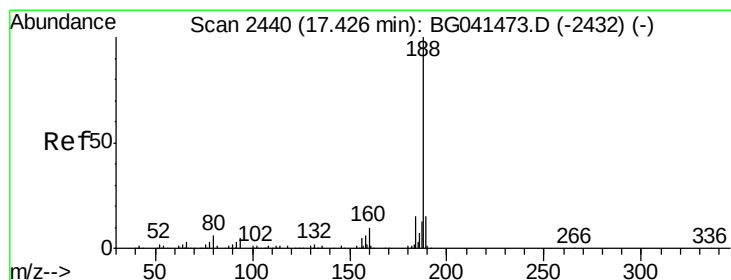
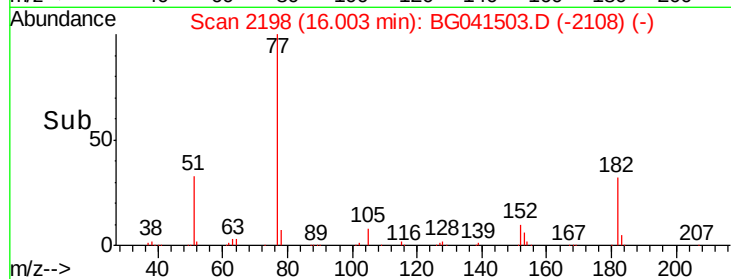
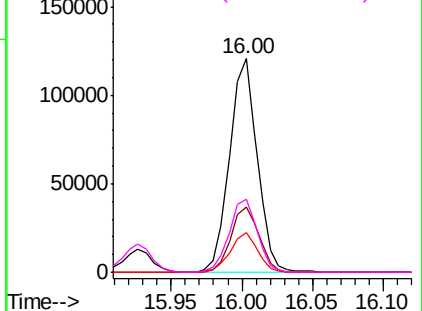
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.5	12.2	52.2	
105	18.3	0.0	38.1	
51	34.3	15.9	55.9	

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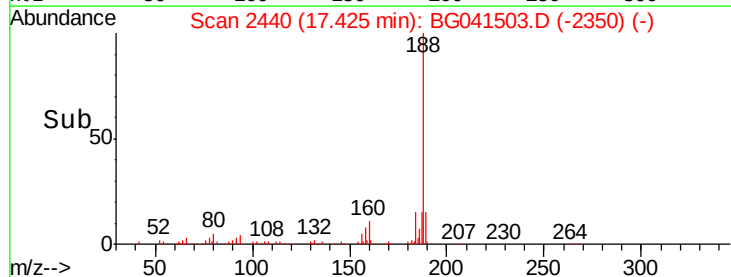
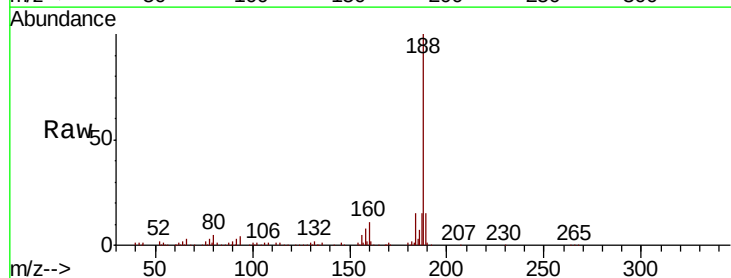
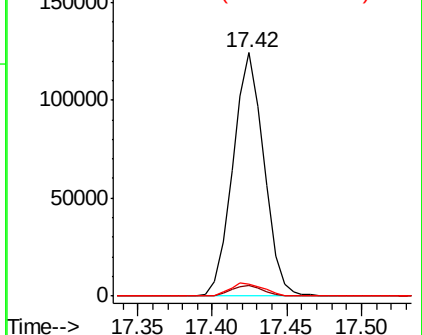
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

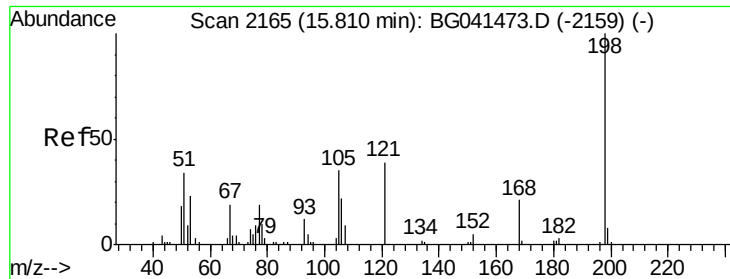


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.5	3.8	5.8	
80	5.2	4.8	7.2	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 17.763 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

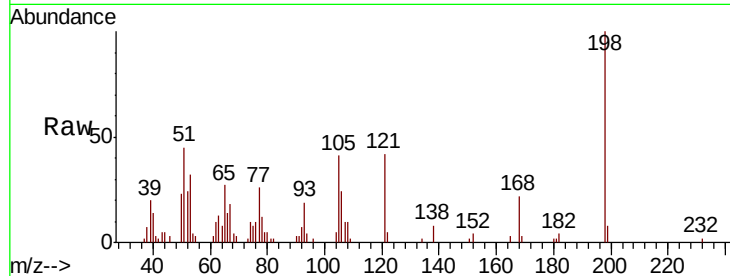
ClientSampled :

M-10MS

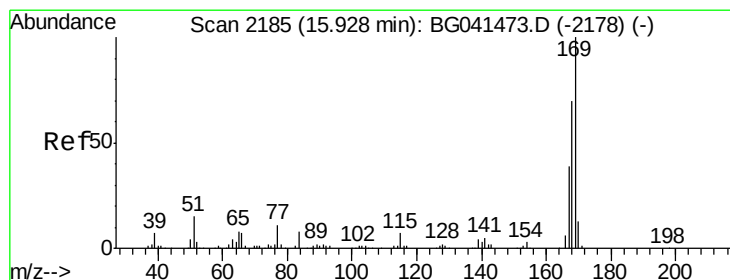
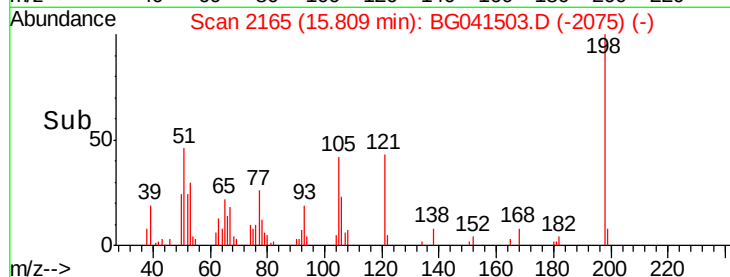
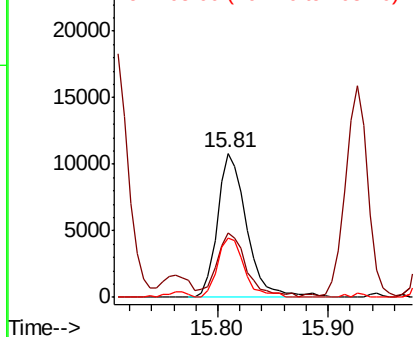
Tot Ion:	198	Resp:	19847
Ion	Ratio	Lower	Upper
198	100		
51	44.7	19.0	59.0
105	40.9	16.1	56.1

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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: 31.160 ng

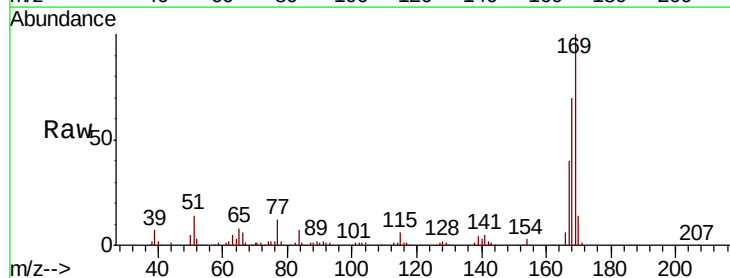
RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

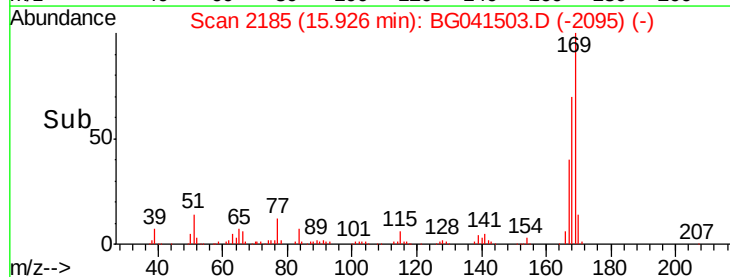
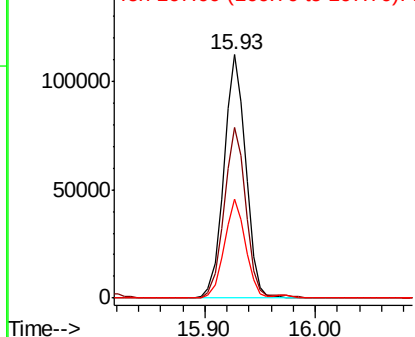
Lab File: BG041503.D

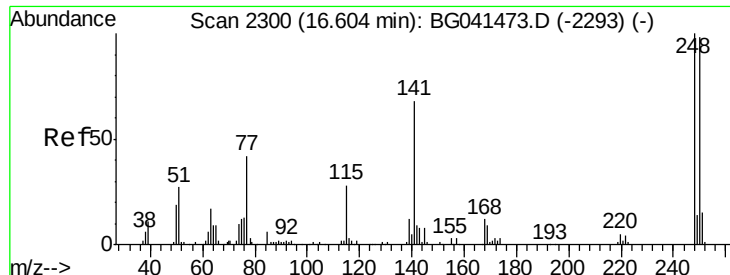
Acq: 28 Jun 2019 2:34

Tgt Ion:	169	Resp:	154721
Ion	Ratio	Lower	Upper
169	100		
168	70.3	56.2	84.4
167	40.4	31.0	46.6



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





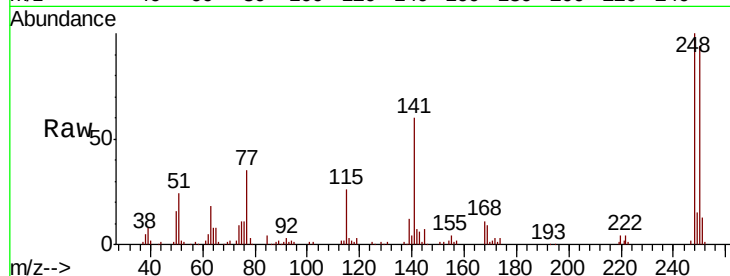
#67
4-Bromophenyl-phenylether
Concen: 30.685 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.9	78.1	117.1
141	60.5	54.1	81.1

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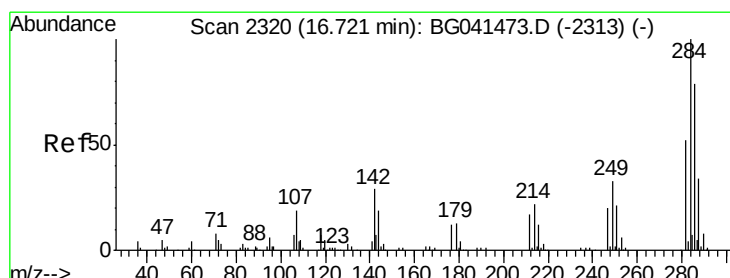
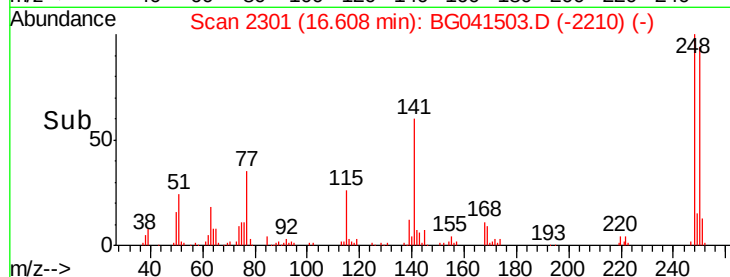
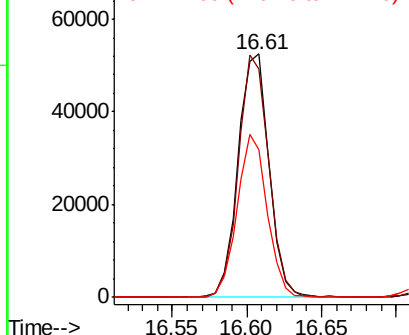


Abundance

Ion 248.00 (247.70 to 248.70): E

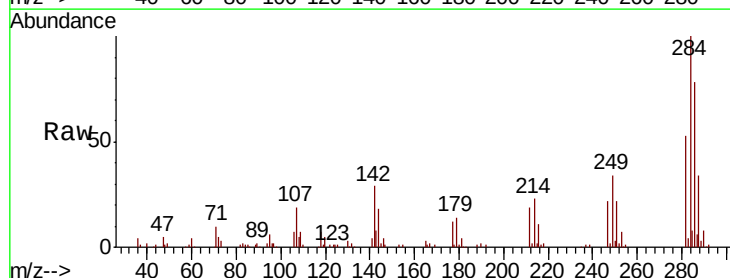
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 30.348 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	22.9	34.3
249	33.6	26.1	39.1

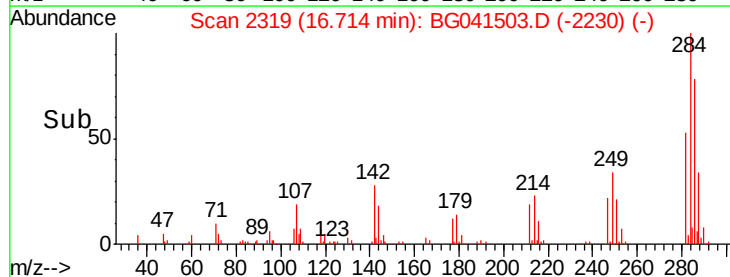
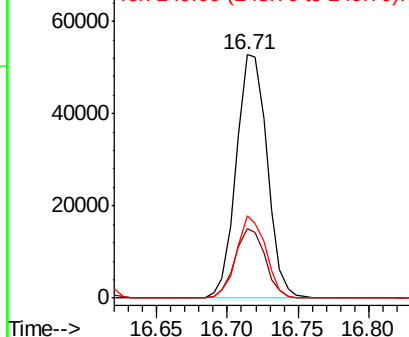


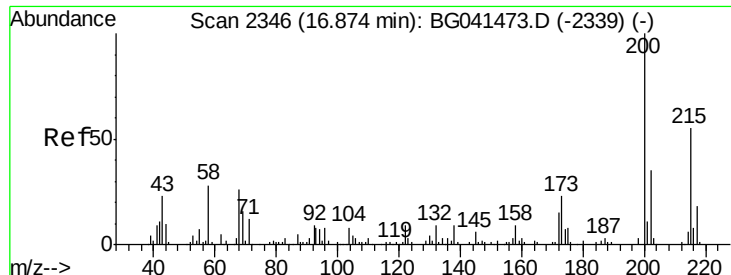
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.178 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

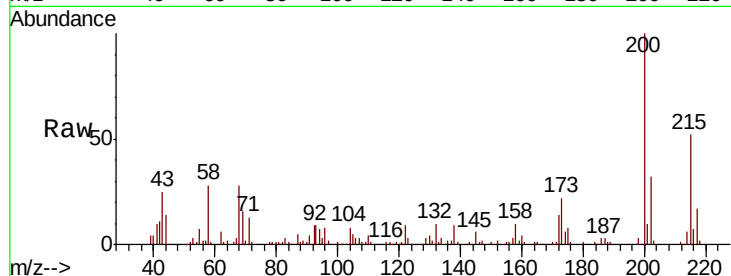
ClientSampled :

M-10MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	69732		
173	22.1	3.1	43.1	
215	51.9	34.7	74.7	

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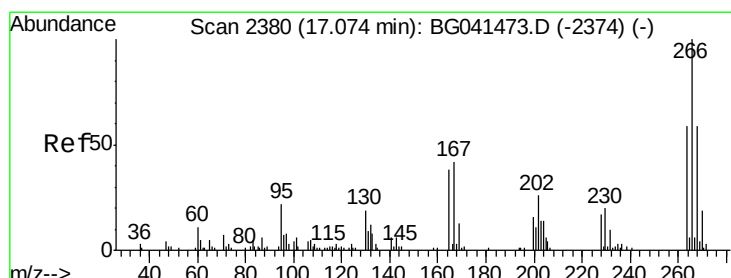
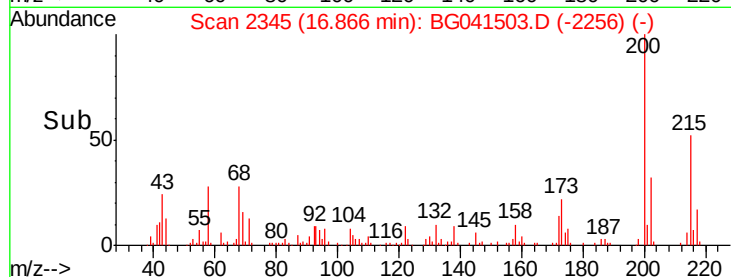
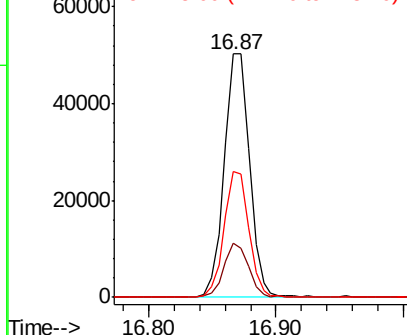


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 57.223 ng

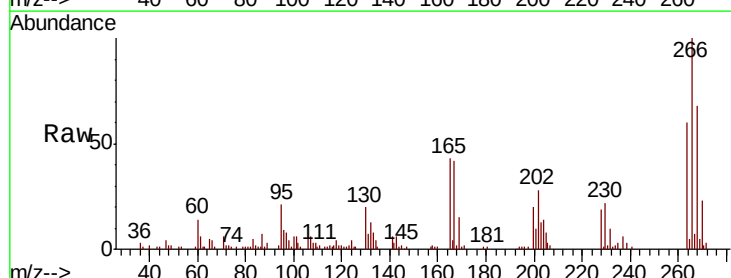
RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	68874		
268	68.1	47.0	70.4	
264	60.4	47.4	71.0	

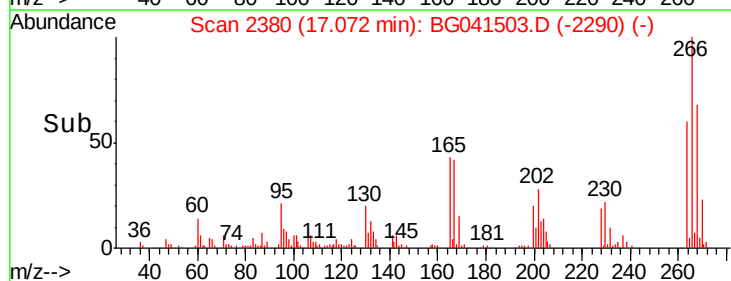
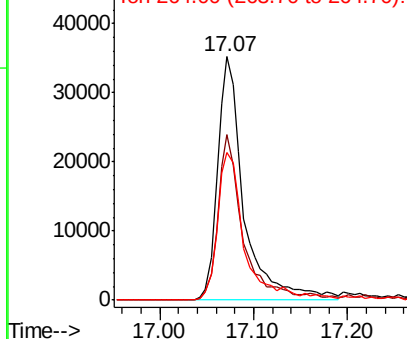


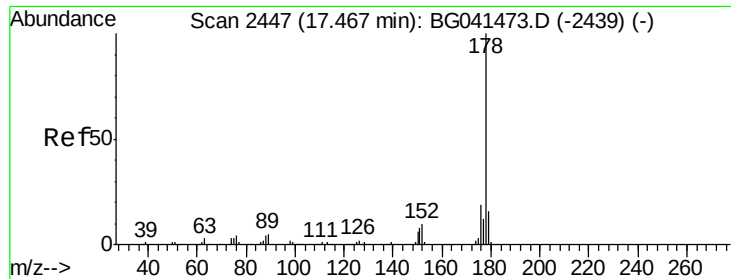
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





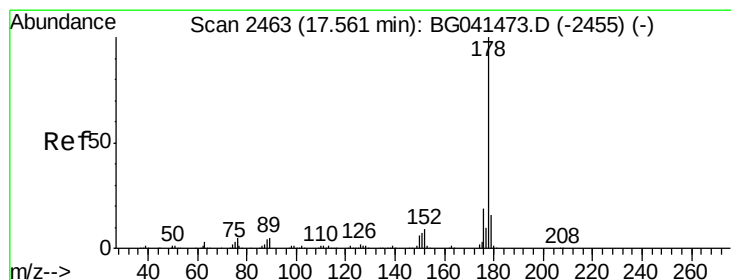
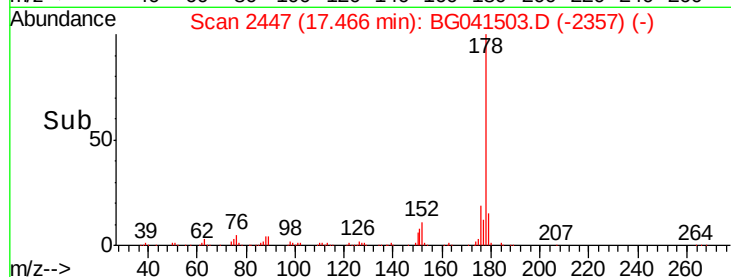
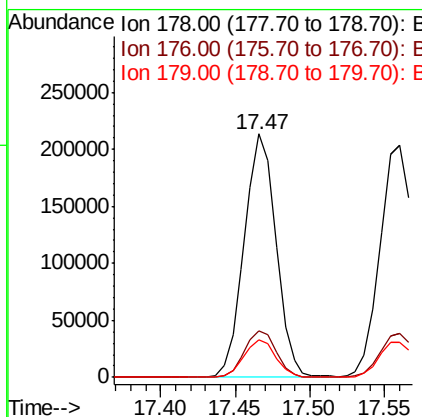
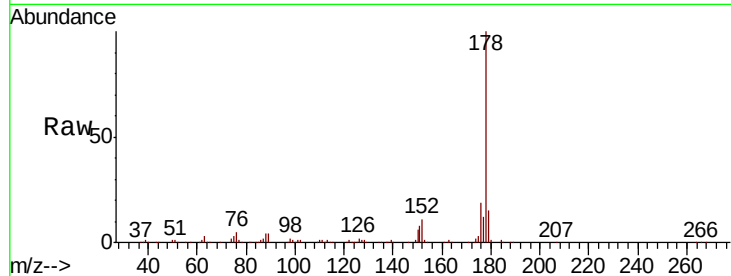
#71
Phenanthrene
Concen: 31.731 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.2	13.0	19.4

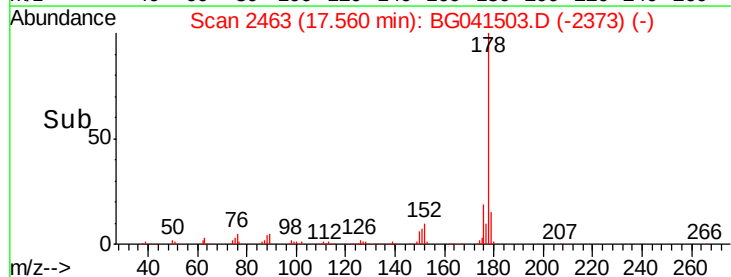
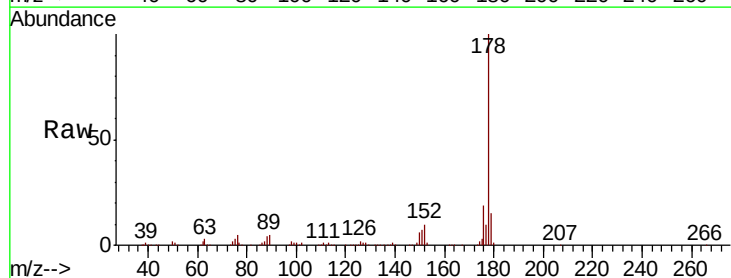
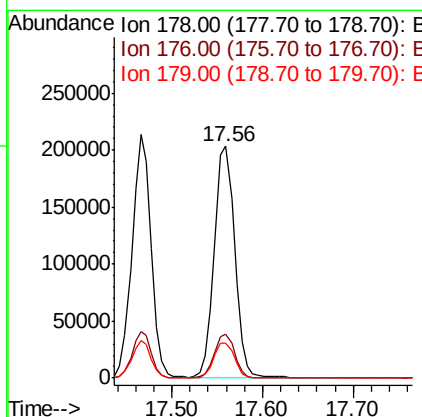
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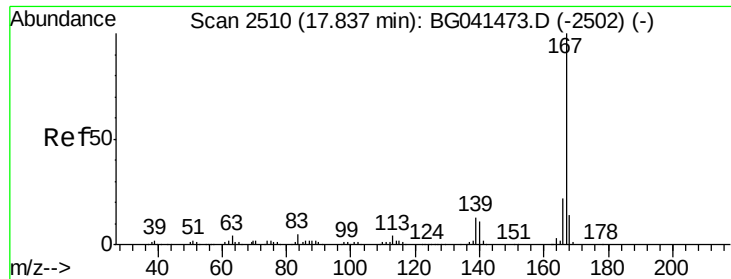
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#72
Anthracene
Concen: 32.091 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.3	12.8	19.2





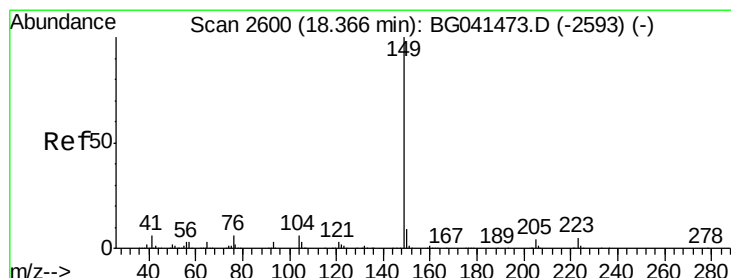
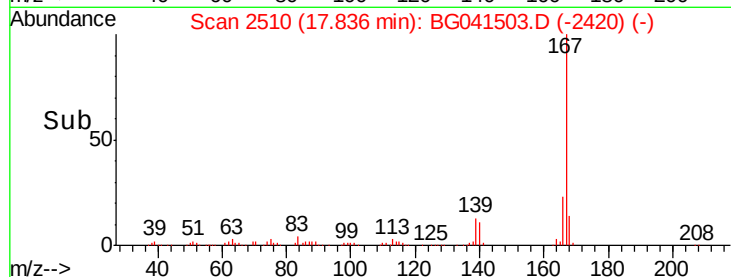
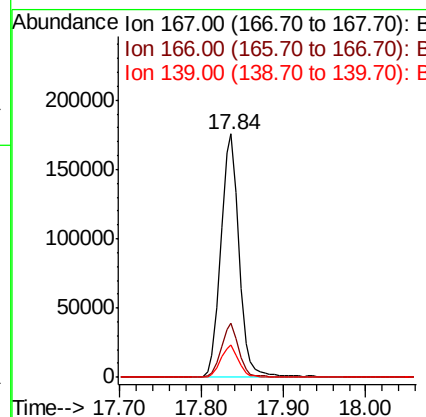
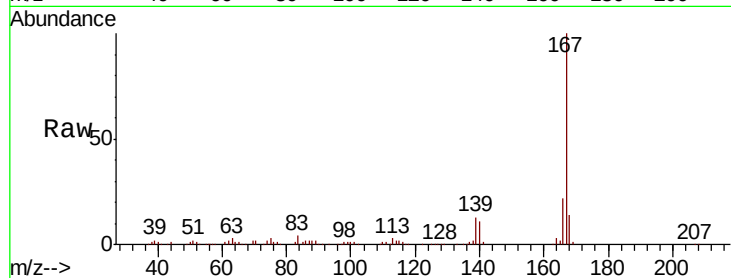
#73
 Carbazole
 Concen: 32.448 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.2	10.8	16.2

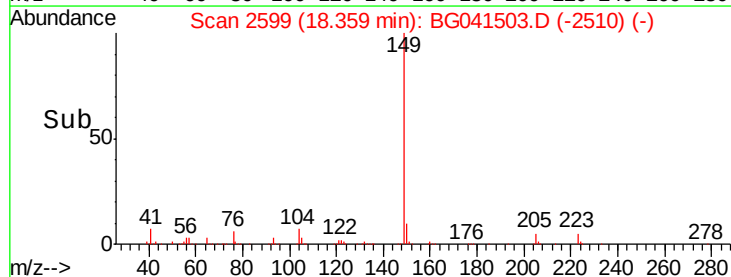
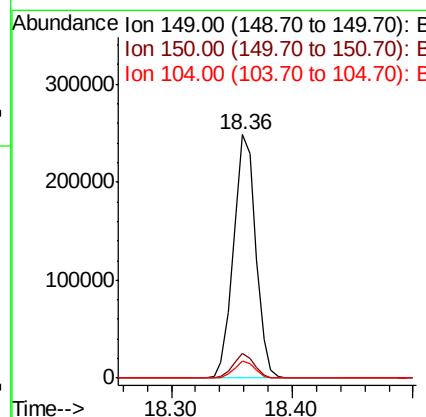
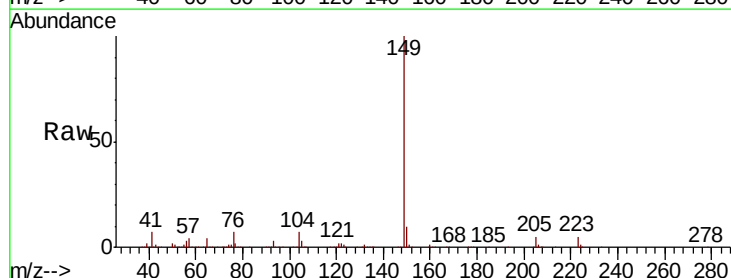
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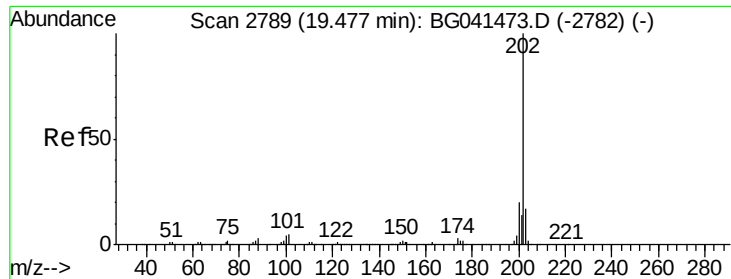
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#74
 Di-n-butylphthalate
 Concen: 30.017 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.5	11.3
104	7.0	5.0	7.6





#75

Fluoranthene

Concen: 31.454 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

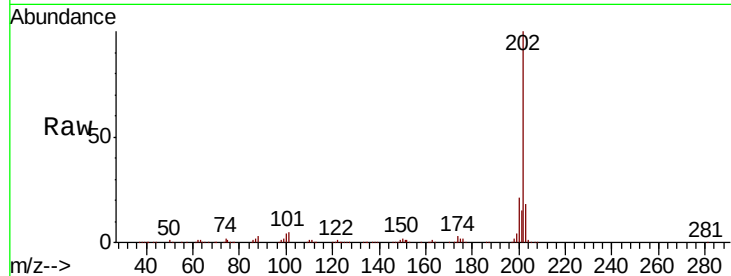
ClientSampleId :

M-10MS

Tot Ion:	202	Resp:	416840
Ion Ratio	Lower	Upper	
202	100		
101	4.7	0.0	24.9
203	17.5	0.0	37.5

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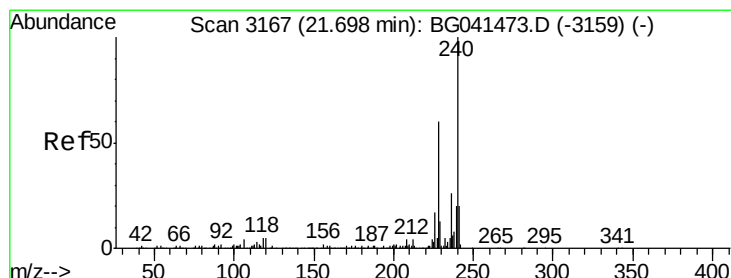
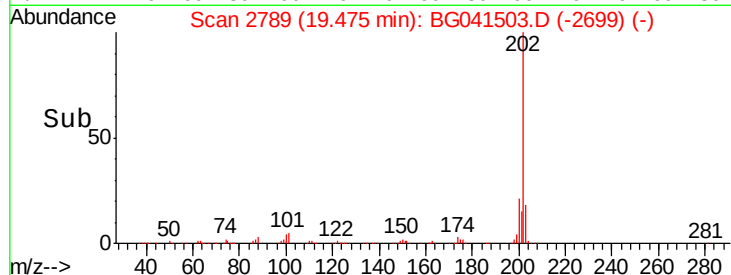
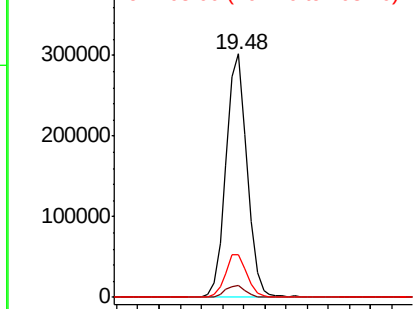


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

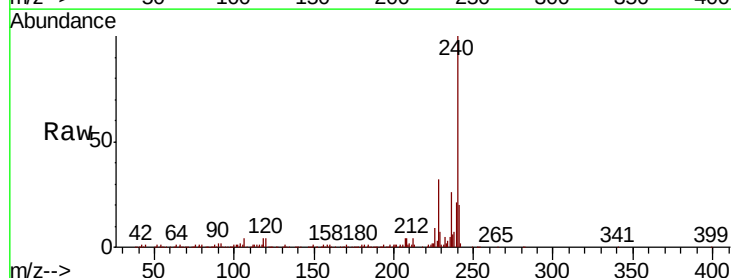
RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Tgt Ion:	240	Resp:	194843
Ion Ratio	Lower	Upper	
240	100		
120	4.0	3.7	5.5
236	25.6	20.8	31.2

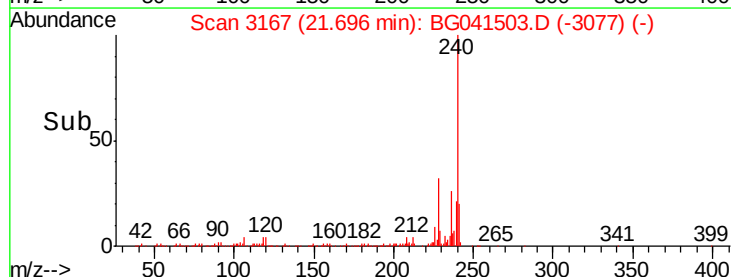
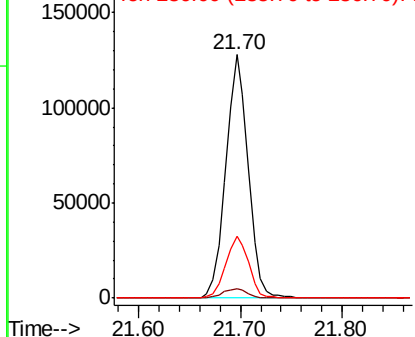


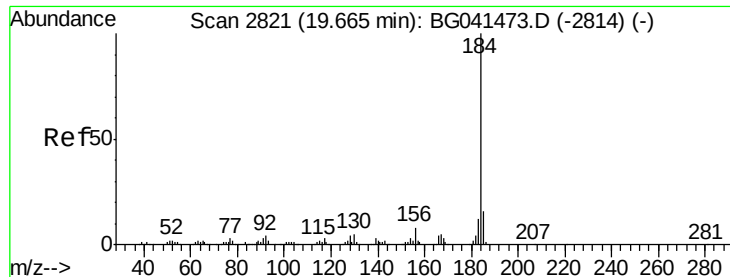
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.860 ng

RT: 19.67 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

Instrument :

BNA_G

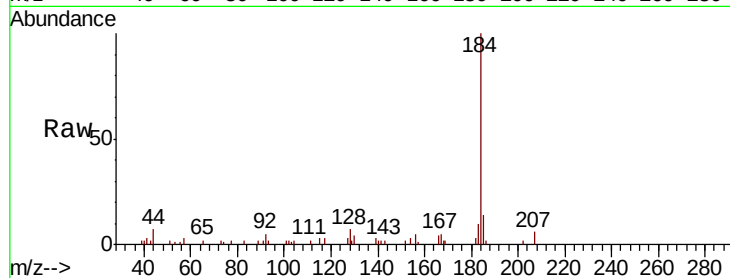
ClientSampleId :

M-10MS

Tot Ion:	184	Resp:	25333
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.7	19.1
183	9.5	9.4	14.2

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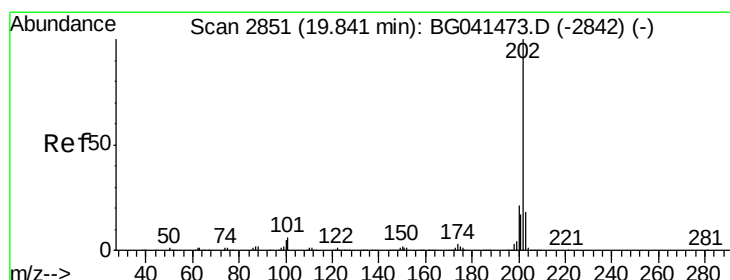
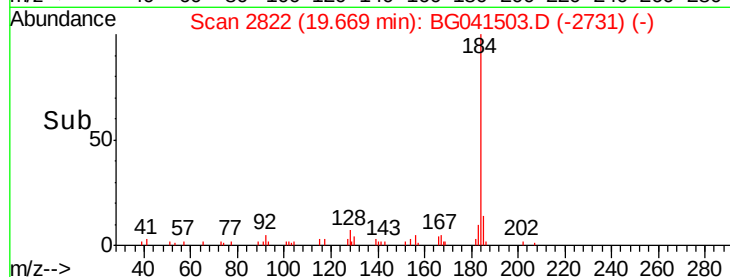
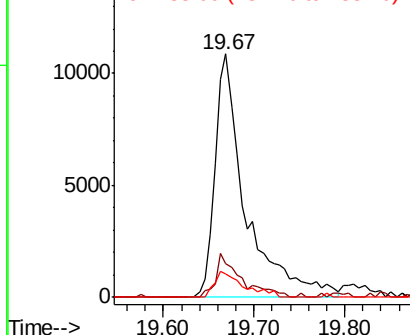


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 31.928 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG041503.D

Acq: 28 Jun 2019 2:34

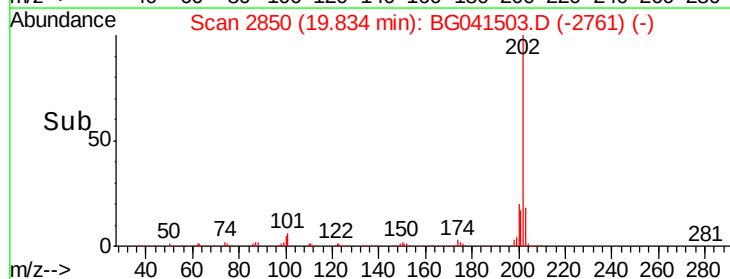
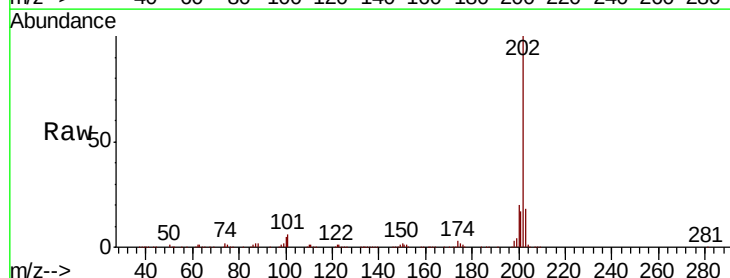
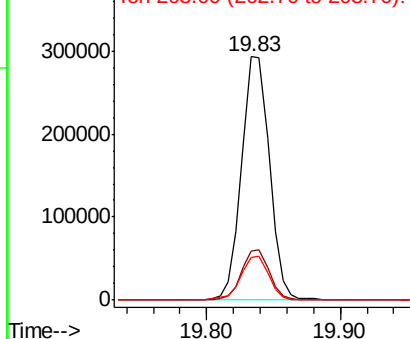
Tgt Ion:	202	Resp:	424686
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	17.7	14.2	21.4

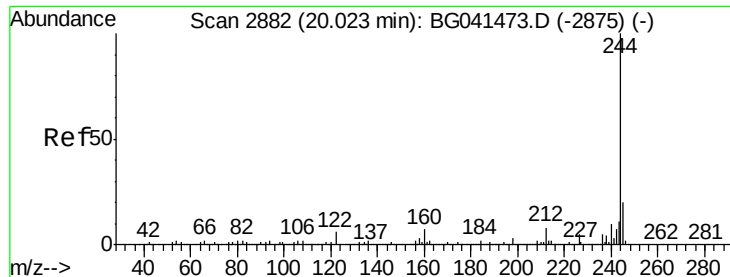
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





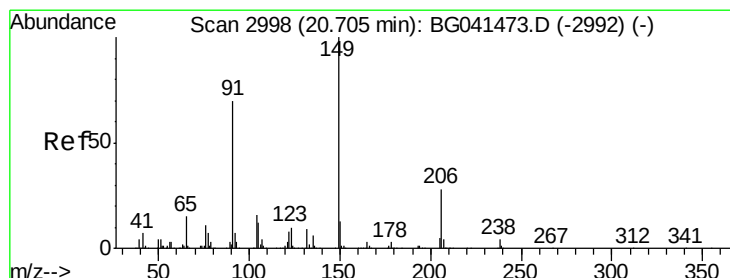
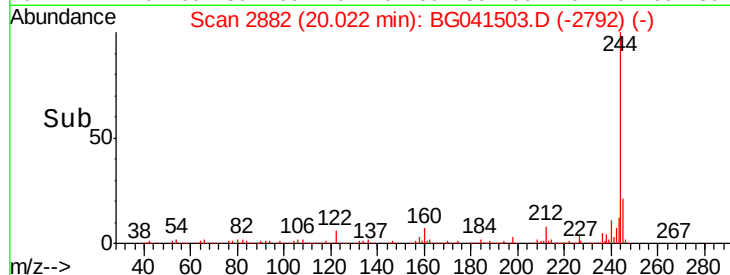
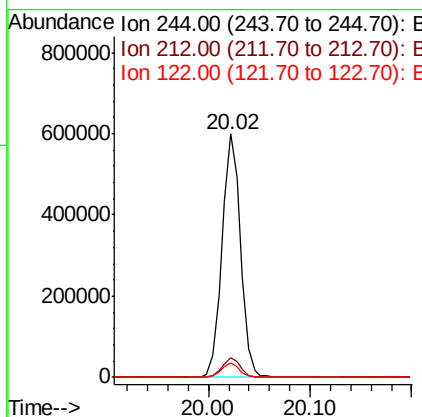
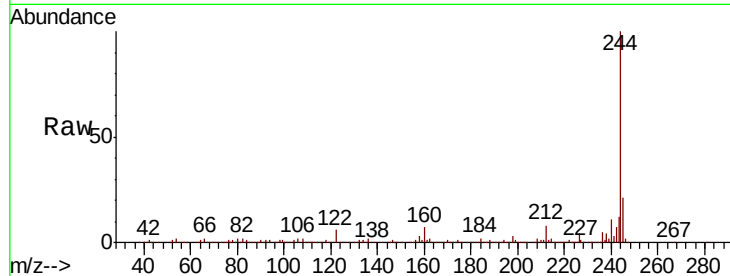
#79
 Terphenyl-d14
 Concen: 82.535 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.1	6.2	9.4
122	5.8	4.8	7.2

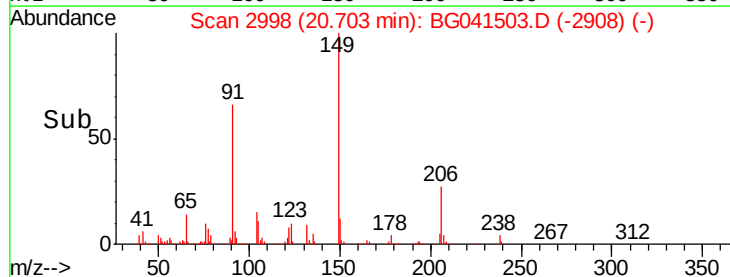
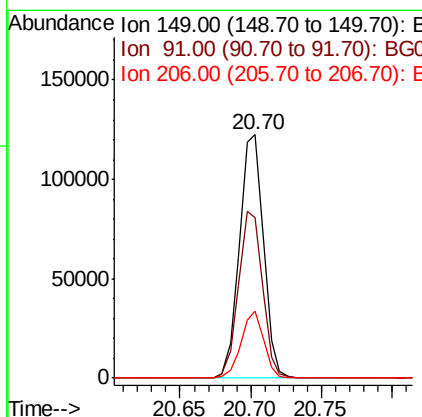
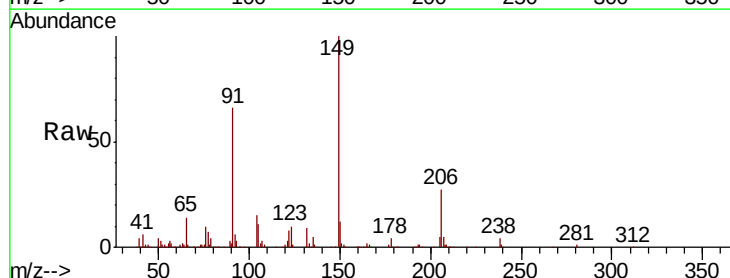
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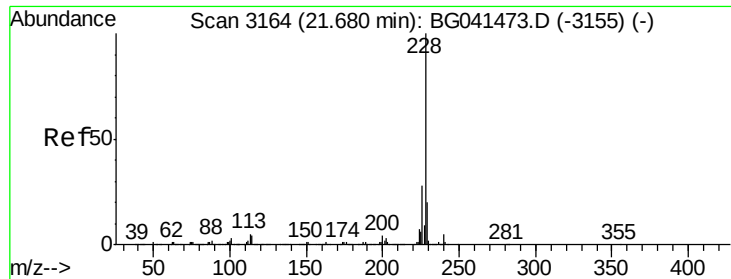
mohammad
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#80
 Butylbenzylphthalate
 Concen: 29.382 ng
 RT: 20.70 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	66.1	55.9	83.9
206	27.5	22.1	33.1





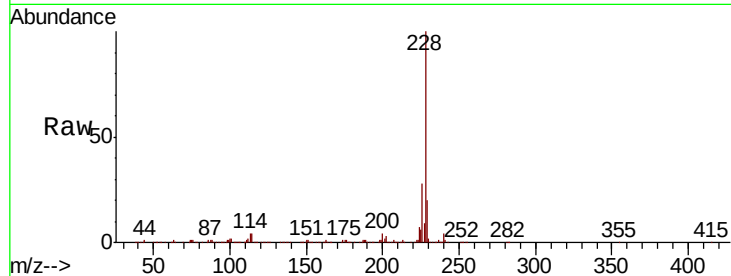
#81
Benzo(a)anthracene
Concen: 30.764 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.8	16.1	24.1

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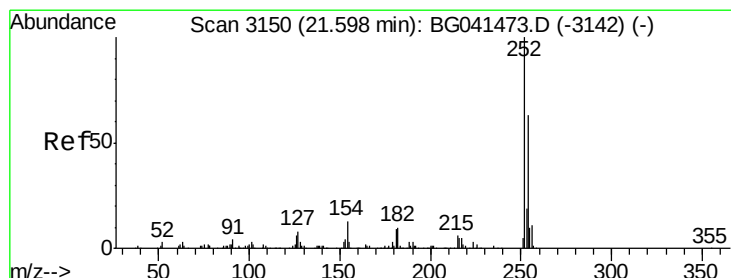
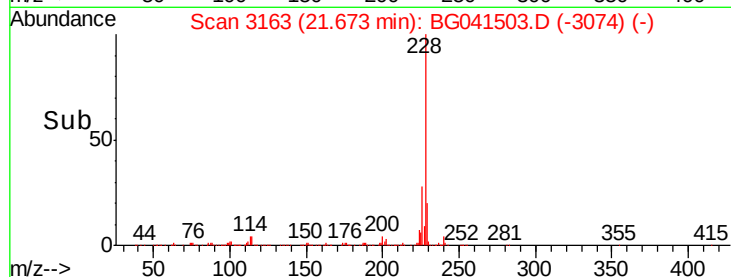
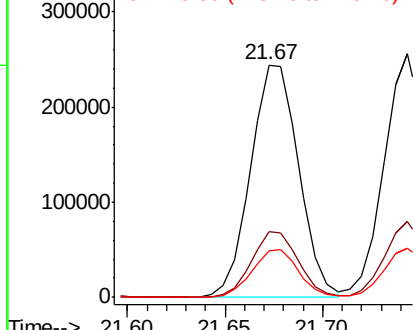


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 23.644 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

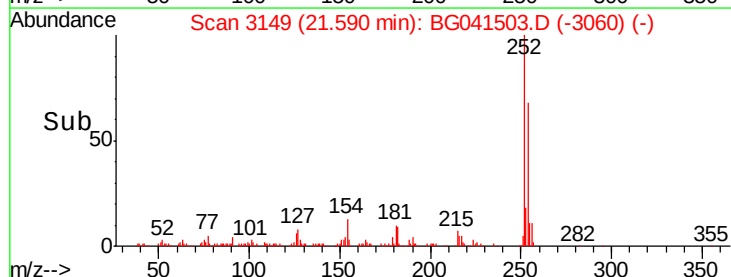
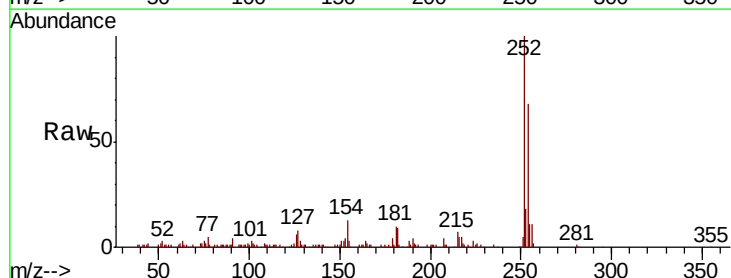
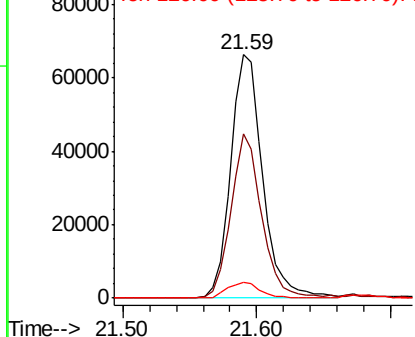
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.6	50.4	75.6
126	6.3	4.9	7.3

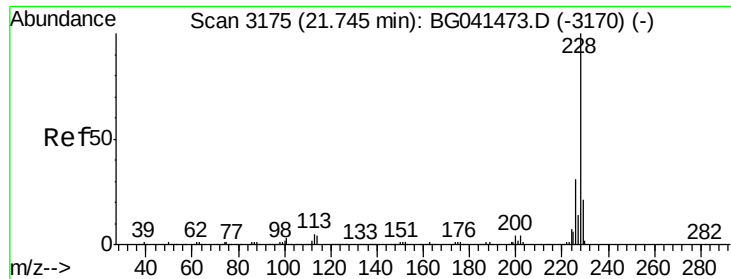
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





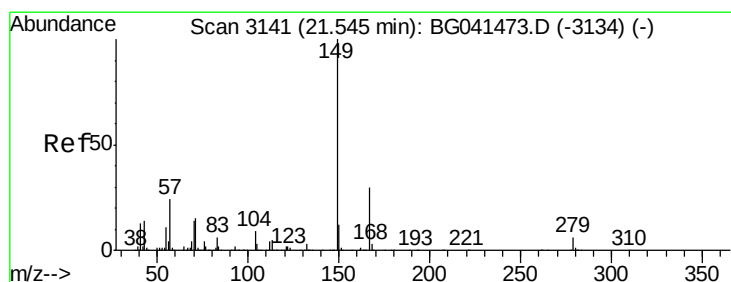
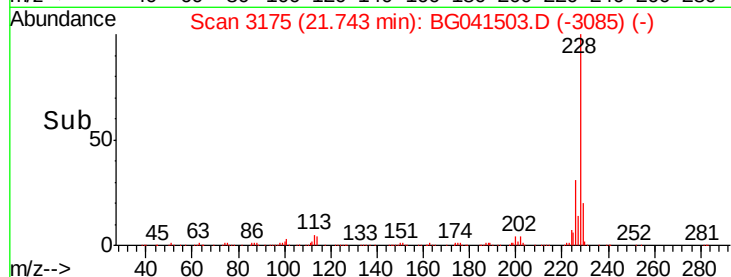
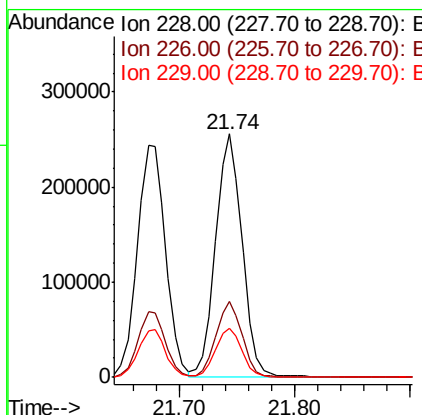
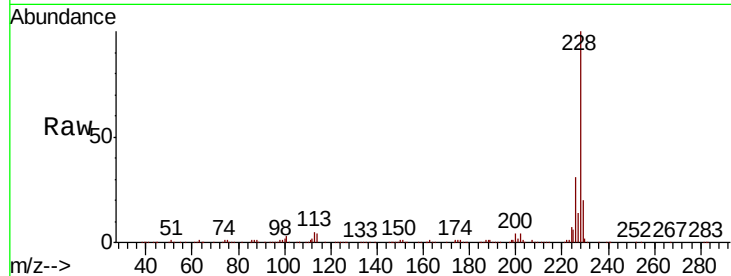
#83
 Chrysene
 Concen: 30.933 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :
 M-10MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.4
229	19.9	16.8	25.2

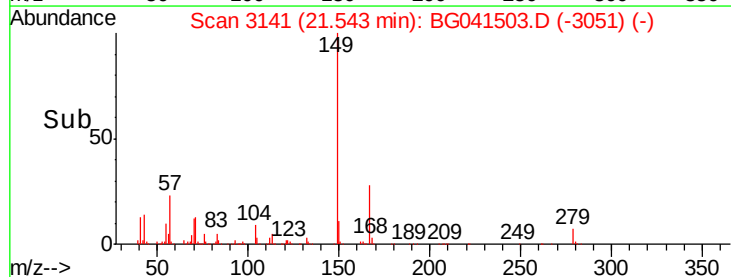
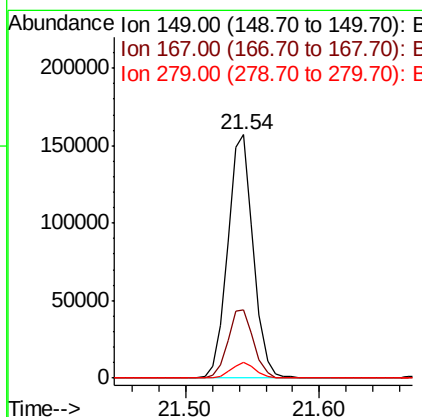
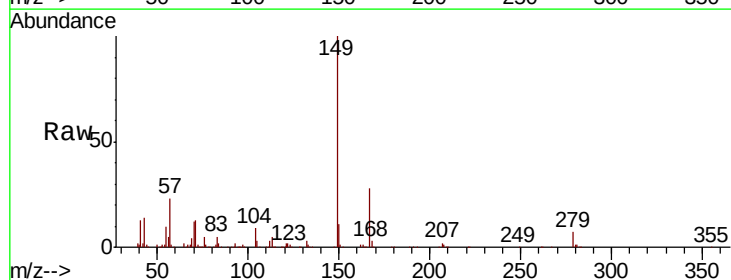
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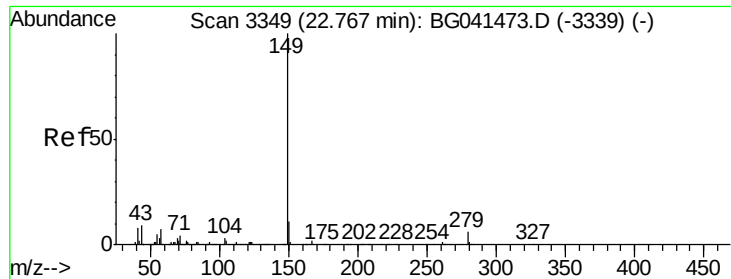
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.722 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BG041503.D
 Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.6	35.4
279	6.7	5.0	7.6





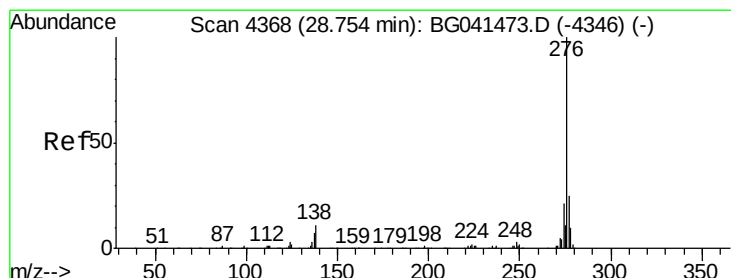
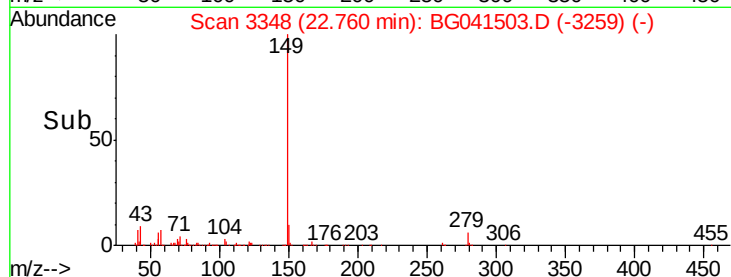
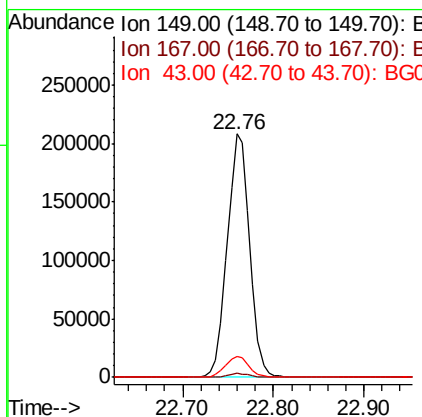
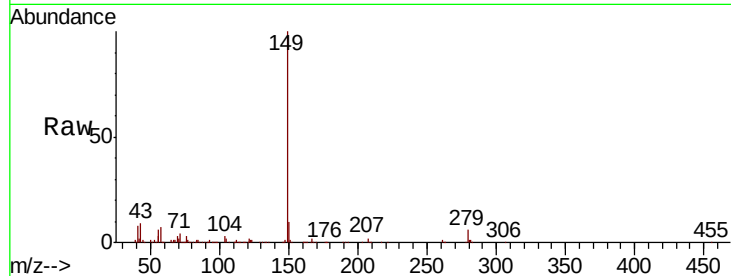
#85
Di-n-octyl phthalate
Concen: 30.001 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampled :
M-10MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.4	2.2
43	8.8	7.2	10.8

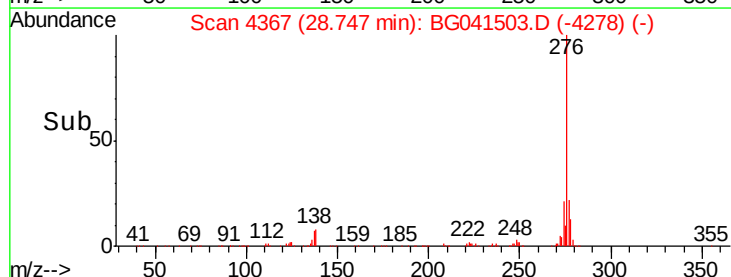
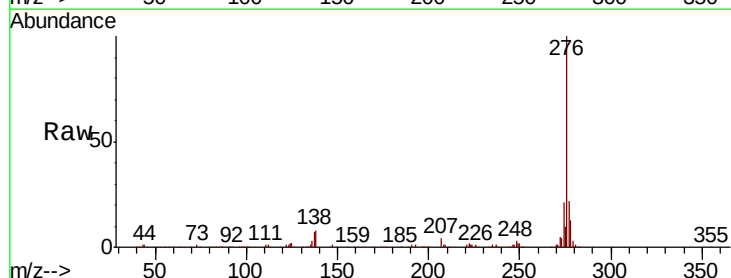
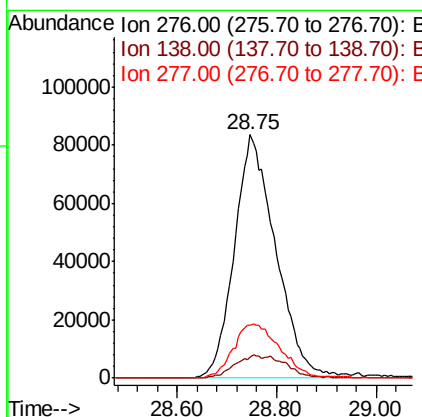
Manual Integrations
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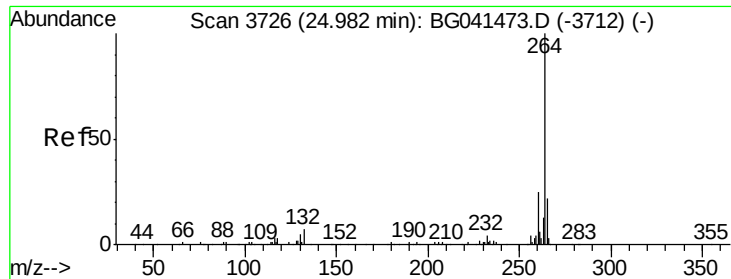
mohammad
7/1/2019 8:11:04 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 30.219 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	6.1	4.9	7.3
277	25.3	20.4	30.6





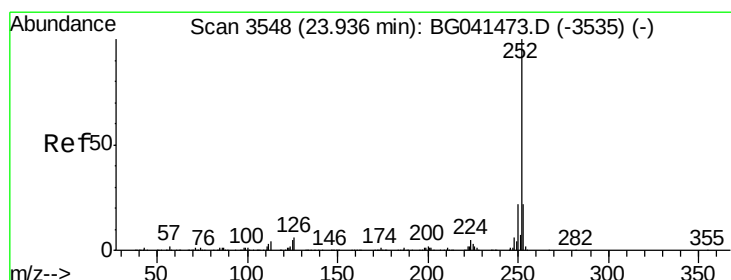
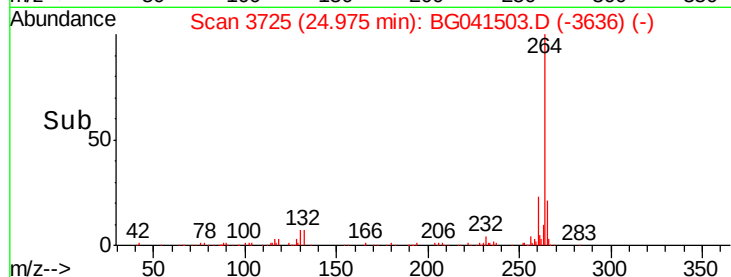
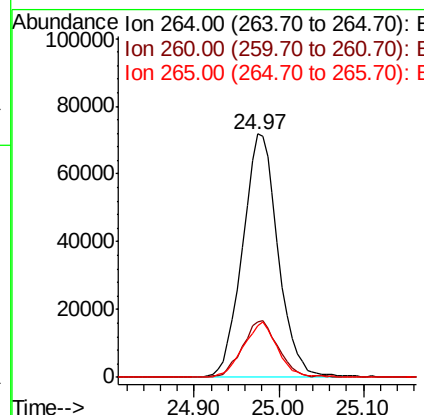
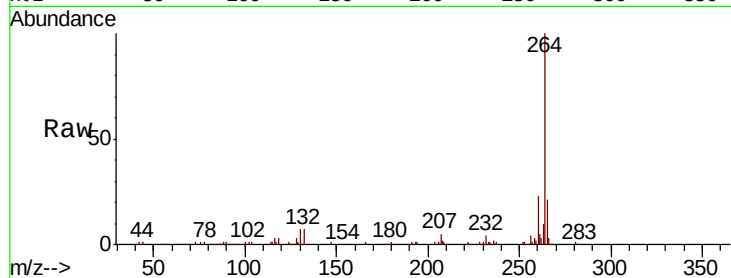
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.7	29.5
265	21.4	17.4	26.2

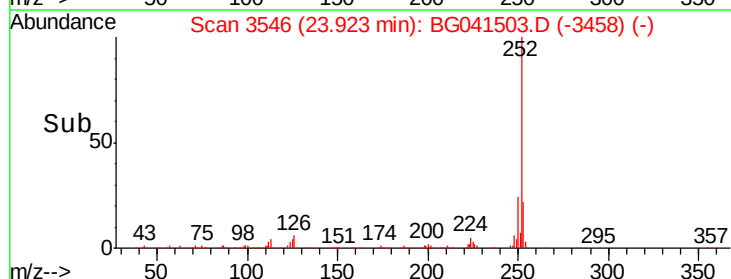
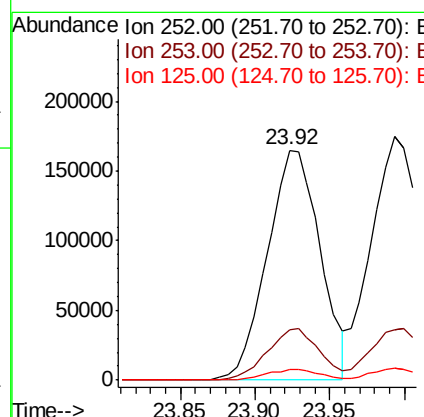
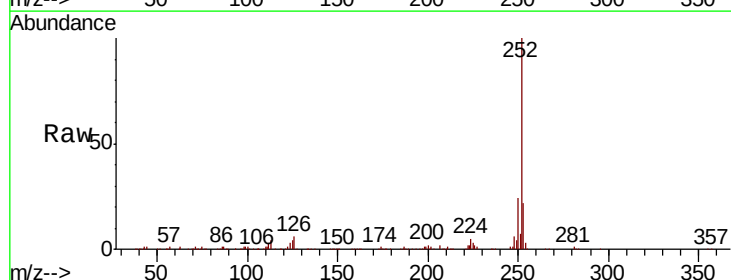
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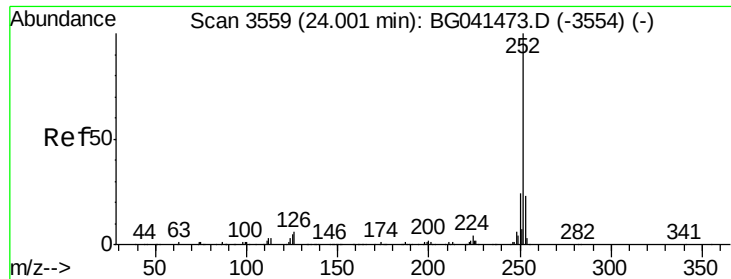
mohammad
7/1/2019 8:11:04 AM



#88
Benzo(b)fluoranthene
Concen: 30.448 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	4.4	3.8	5.8





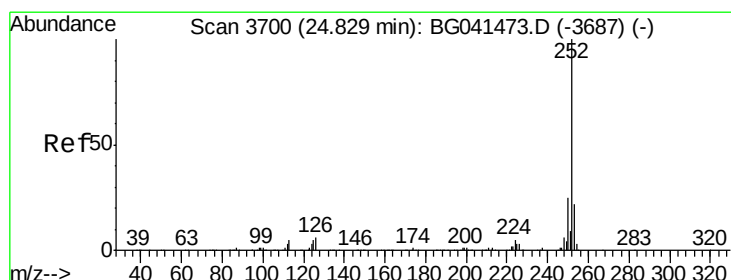
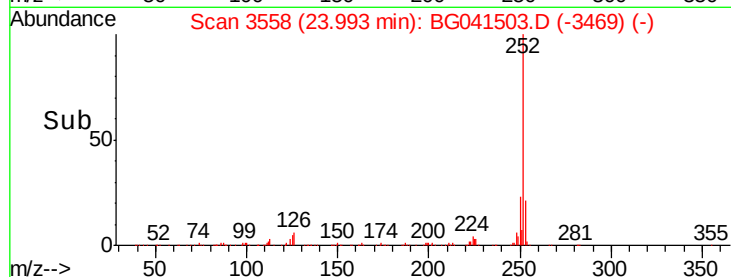
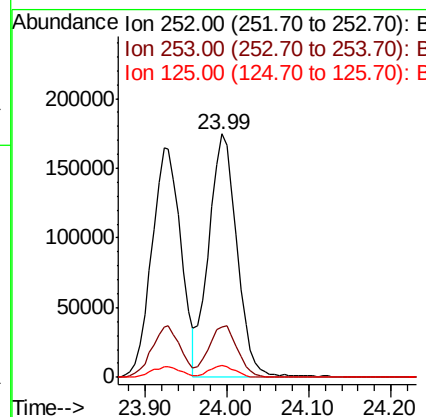
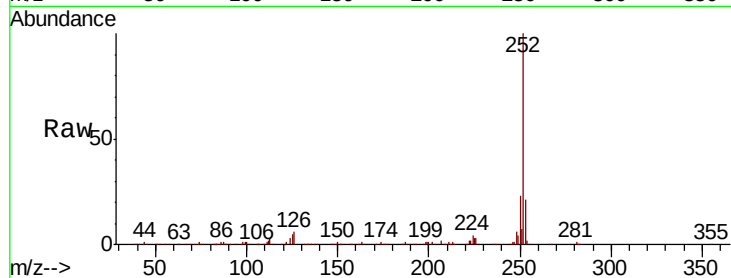
#89
Benzo(k)fluoranthene
Concen: 31.837 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.3	27.5
125	4.8	4.0	6.0

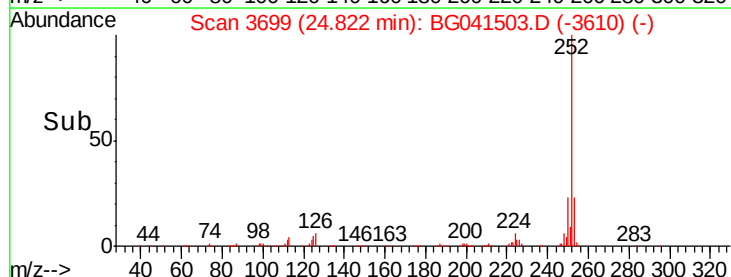
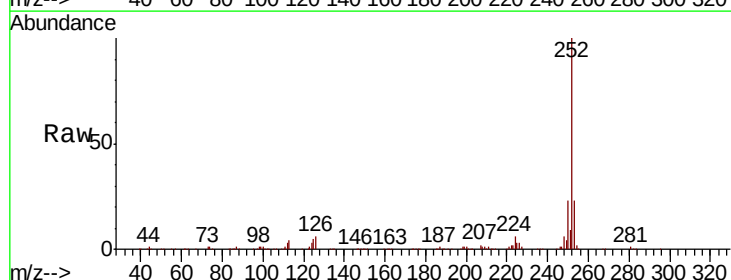
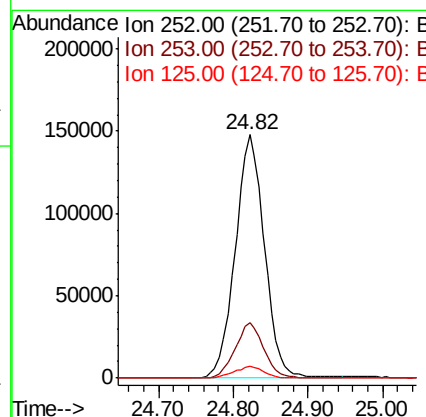
Manual Integrations
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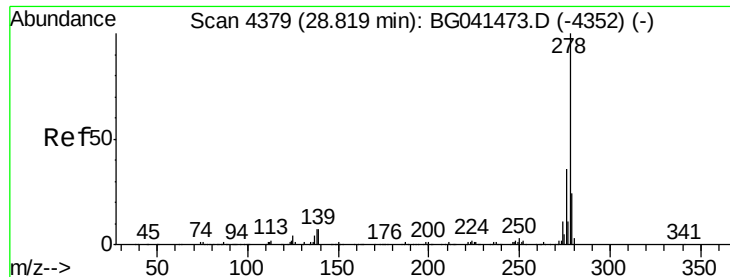
mohammad
7/1/2019 8:11:04 AM



#90
Benzo(a)pyrene
Concen: 31.672 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	5.0	4.4	6.6





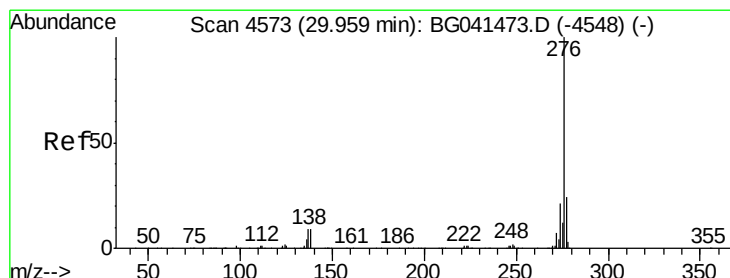
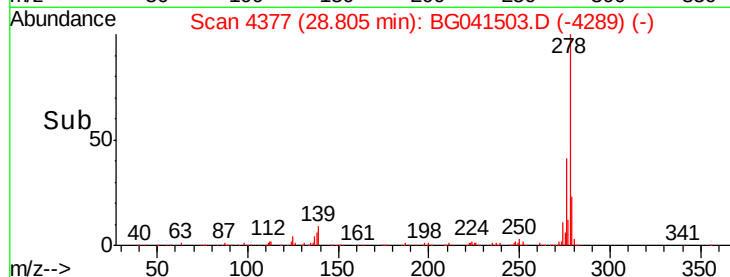
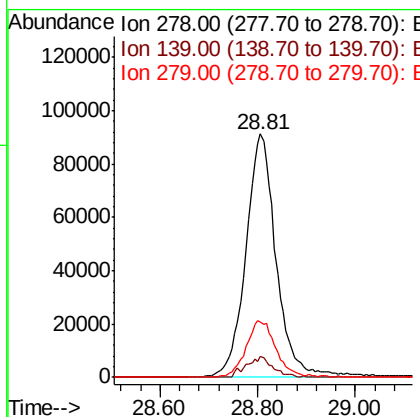
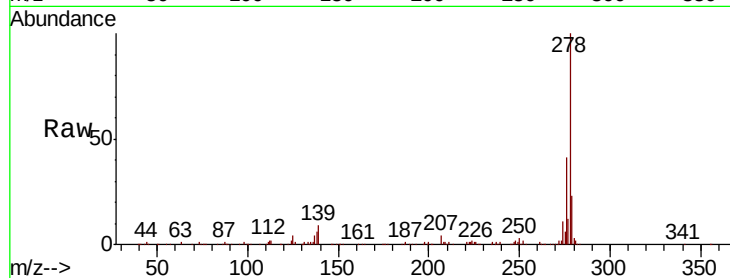
#91
Dibenzo(a,h)anthracene
Concen: 30.962 ng
RT: 28.81 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Instrument :
BNA_G
ClientSampleId :
M-10MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	5.9	8.9
279	22.6	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/1/2019 8:11:04 AM



#92
Benzo(g,h,i)perylene
Concen: 30.942 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG041503.D
Acq: 28 Jun 2019 2:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	10.2	7.6	11.4

