

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041221.D
 Acq On : 13 Jun 2019 00:34
 Operator : HP/JU
 Sample : K3299-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Manual Integrations
 APPROVED

Quant Time: Jun 13 08:24:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	42032	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	175291	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	125684	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	301552	20.00	ng	0.00
76) Chrysene-d12	21.76	240	301118	20.00	ng	0.00
87) Perylene-d12	25.09	264	323115	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	84902	36.42	ng	0.00
7) Phenol-d6	7.25	99	78498	21.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	312477	79.14	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	151498	81.19	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	691612	79.25	ng	0.00
79) Terphenyl-d14	20.07	244	1080533	76.16	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	12721	12.027	ng	99
3) Pyridine	3.92	79	31778	10.153	ng	98
4) n-Nitrosodimethylamine	3.83	42	19935	13.724	ng	# 92
6) Aniline	7.43	93	29040	6.044	ng	96
8) 2-Chlorophenol	7.66	128	88012	31.671	ng	92
9) Benzaldehyde	7.25	77	33032	15.382	ng	91
10) Phenol	7.28	94	48796	12.642	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	92173	32.918	ng	97
12) 1,3-Dichlorobenzene	7.99	146	108109	32.572	ng	98
13) 1,4-Dichlorobenzene	8.14	146	112844	33.588	ng	99
14) 1,2-Dichlorobenzene	8.46	146	111783	34.268	ng	97
15) Benzyl Alcohol	8.35	79	110133	33.072	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	146643	32.049	ng	99
17) 2-Methylphenol	8.55	107	69536	24.881	ng	96
18) Hexachloroethane	9.19	117	43809	33.833	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	94959	34.277	ng	99
20) 3+4-Methylphenols	8.88	107	85879	22.184	ng	97
22) Acetophenone	8.93	105	182729	37.161	ng	# 99
24) Nitrobenzene	9.33	77	159735	39.696	ng	99
25) Isophorone	9.84	82	275377	36.646	ng	99
26) 2-Nitrophenol	10.04	139	65616	39.555	ng	94
27) 2,4-Dimethylphenol	10.08	122	92832	33.884	ng	93
28) bis(2-Chloroethoxy)methane	10.32	93	142281	35.082	ng	97
29) 2,4-Dichlorophenol	10.57	162	125214	35.990	ng	95
30) 1,2,4-Trichlorobenzene	10.78	180	143598	36.282	ng	99
31) Naphthalene	10.98	128	356129	37.840	ng	99
32) Benzoic acid	10.21	122	47402m	26.612	ng	
33) 4-Chloroaniline	11.09	127	26992	6.181	ng	93
34) Hexachlorobutadiene	11.24	225	106621	35.208	ng	98
35) Caprolactam	11.90	113	7423	6.461	ng	# 88
36) 4-Chloro-3-methylphenol	12.19	107	131182	33.015	ng	100
37) 2-Methylnaphthalene	12.57	142	279107	38.505	ng	99
38) 1-Methylnaphthalene	12.79	142	262803	38.474	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	204941	40.456	ng	99

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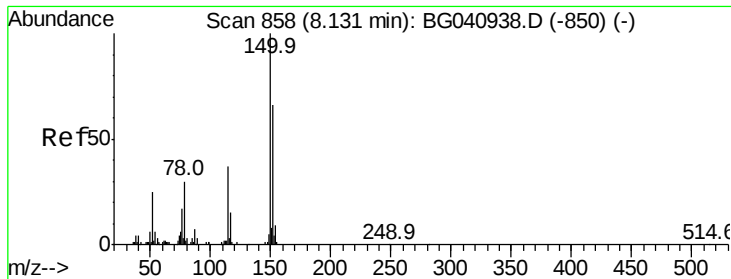
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Manual Integrations
 APPROVED

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	218718	80.287	nq	98
43) 2,4,6-Trichlorophenol	13.17	196	128797	39.302	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	132500	38.338	nq	97
46) 1,1'-Biphenyl	13.57	154	375525	40.364	nq	99
47) 2-Chloronaphthalene	13.62	162	308346	38.607	nq	98
48) 2-Nitroaniline	13.83	65	98233	34.284	nq	98 mohammad
49) Acenaphthylene	14.46	152	471685	39.240	nq	99
50) Dimethylphthalate	14.19	163	448736	42.178	nq	100
51) 2,6-Dinitrotoluene	14.32	165	87258	38.039	nq	95
52) Acenaphthene	14.80	154	274483	37.693	nq	96
53) 3-Nitroaniline	14.66	138	30100	13.122	nq	91 # 6/14/2019 8:37:06 AM
54) 2,4-Dinitrophenol	14.86	184	109511	87.859	nq	93
55) Dibenzofuran	15.13	168	483429	39.454	nq	99
56) 4-Nitrophenol	14.96	139	44590	28.341	nq	90
57) 2,4-Dinitrotoluene	15.10	165	126145	38.930	nq	98
58) Fluorene	15.78	166	374666	38.395	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	142292	41.894	nq	97
60) Diethylphthalate	15.54	149	408018	37.579	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	235041	37.057	nq	98
62) 4-Nitroaniline	15.82	138	53004	21.827	nq	95
63) Azobenzene	16.06	77	372326	37.729	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	74098	46.239	nq	99
66) n-Nitrosodiphenylamine	15.98	169	342029	40.348	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	151838	37.311	nq	96
68) Hexachlorobenzene	16.77	284	161082	37.172	nq	98
69) Atrazine	16.93	200	141979	43.407	nq	96
70) Pentachlorophenol	17.12	266	193686	83.251	nq	96
71) Phenanthrene	17.52	178	618885	39.401	nq	99
72) Anthracene	17.62	178	634840	40.979	nq	99
73) Carbazole	17.89	167	550333	41.402	nq	99
74) Di-n-butylphthalate	18.42	149	700399	42.394	nq	98
75) Fluoranthene	19.53	202	793368	40.893	nq	99
78) Pyrene	19.89	202	796152	40.673	nq	99
80) Butylbenzylphthalate	20.76	149	300160	39.403	nq	99
81) Benzo(a)anthracene	21.74	228	775544	38.692	nq	98
83) Chrysene	21.81	228	766021	39.935	nq	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	415100	38.710	nq	99
85) Di-n-octyl phthalate	22.84	149	706044	39.534	nq	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	795529	33.857	nq	96 #
88) Benzo(b)fluoranthene	24.02	252	779765	39.788	nq	100
89) Benzo(k)fluoranthene	24.09	252	775833	40.005	nq	97
90) Benzo(a)pyrene	24.93	252	749074	40.062	nq	97
91) Dibenzo(a,h)anthracene	28.97	278	624087	33.404	nq	98 #
92) Benzo(g,h,i)perylene	30.10	276	621563	34.244	nq	98

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



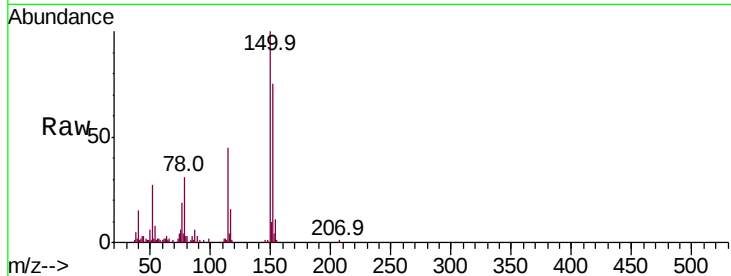
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
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TI-658MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.7	120.6	180.8
115	59.6	45.1	67.7

Manual Integrations
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Abundance

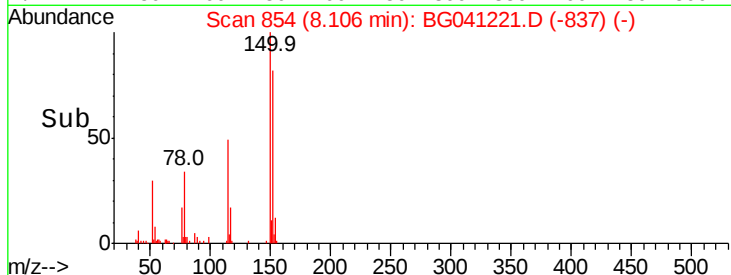
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

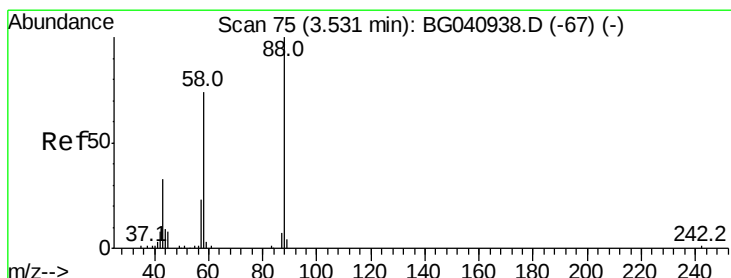
8.11

Time-->



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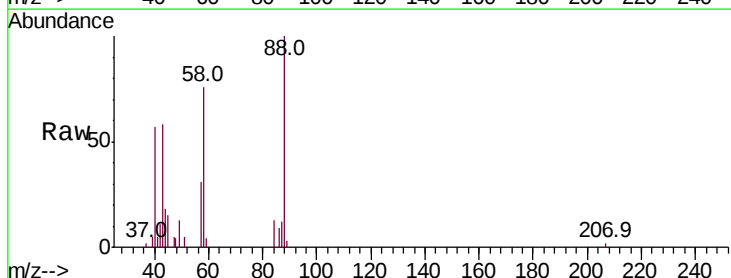
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#2

1,4-Dioxane
Concen: 12.027 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	59.0	88.6
43	35.5	27.2	40.8



Abundance

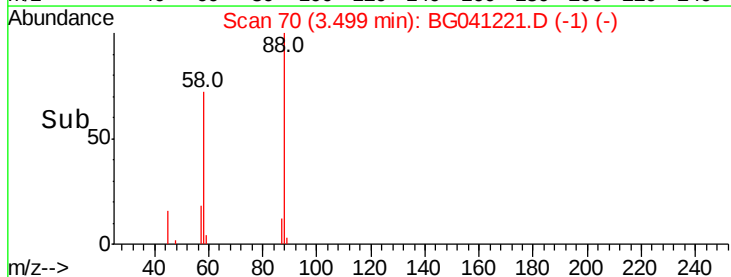
Ion 88.00 (87.70 to 88.70): BGC

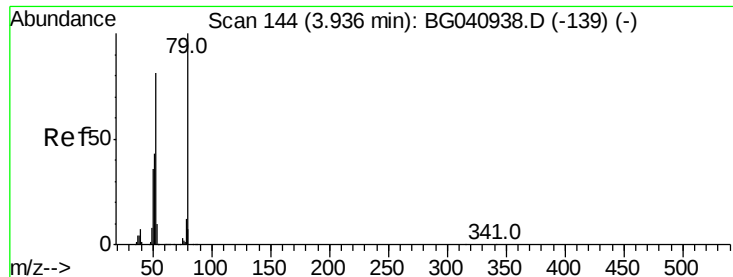
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.50

Time-->





#3

Pvridine

Concen: 10.153 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

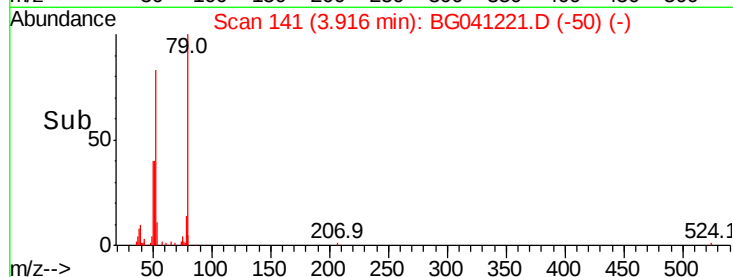
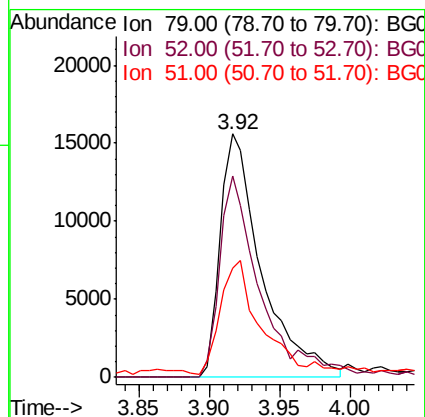
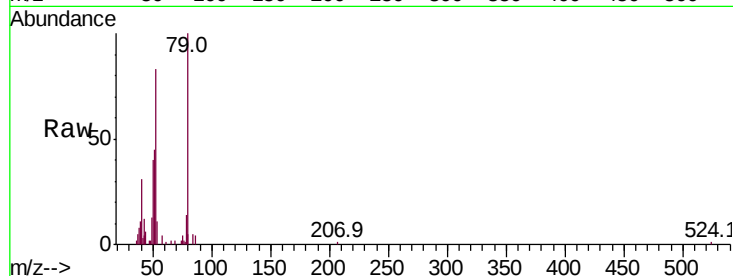
BNA_G

ClientSampleId :

TI-658MSD

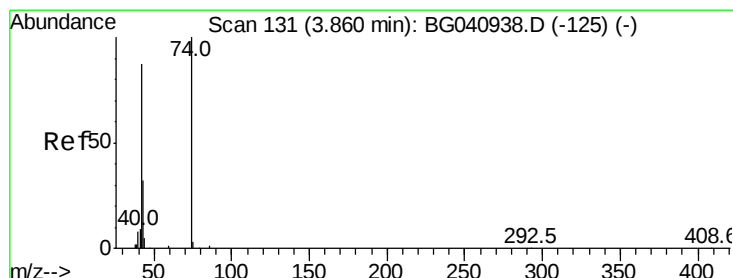
Tot Ion:	79	Resp:	31778
Ion Ratio	Lower	Upper	
79	100		
52	82.9	64.8	97.2
51	44.7	35.3	52.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 13.724 ng

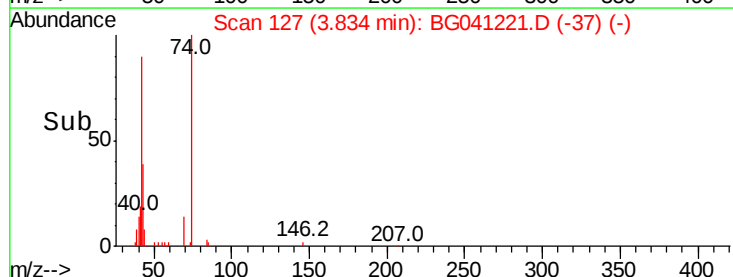
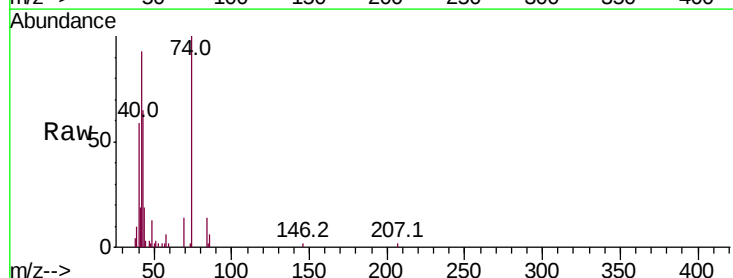
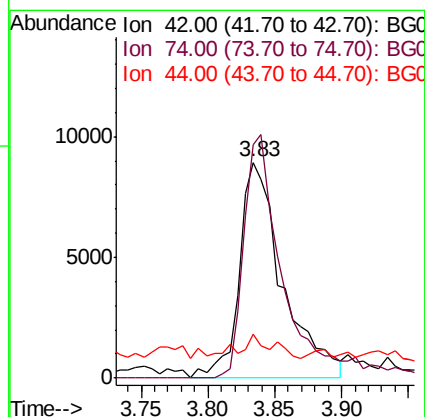
RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Tgt Ion:	42	Resp:	19935
Ion Ratio	Lower	Upper	
42	100		
74	107.9	91.8	137.6
44	20.2	6.0	9.0#





#5

2-Fluorophenol

Concen: 36.424 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

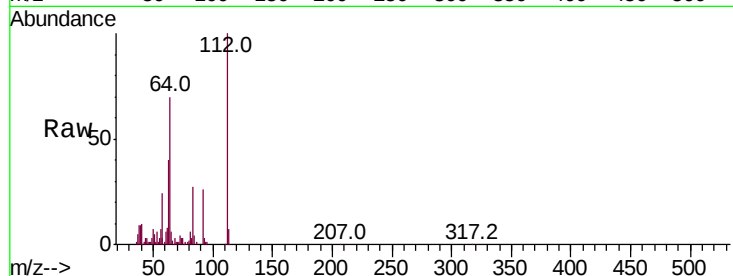
BNA_G

ClientSampleId :

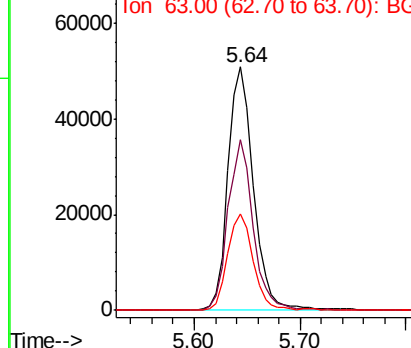
TI-658MSD

Tot Ion:	112	Resp:	84902
Ion Ratio	Lower	Upper	
112	100		
64	69.9	56.2	84.2
63	39.5	32.8	49.2

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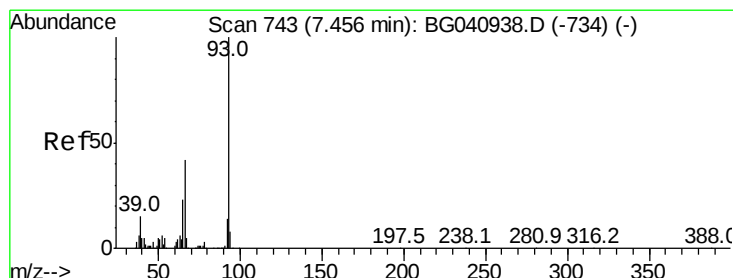
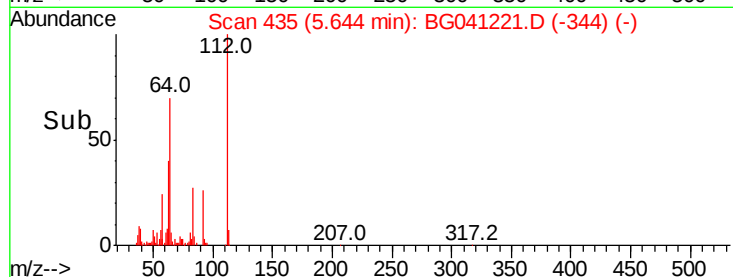


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



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#6

Aniline

Concen: 6.044 ng

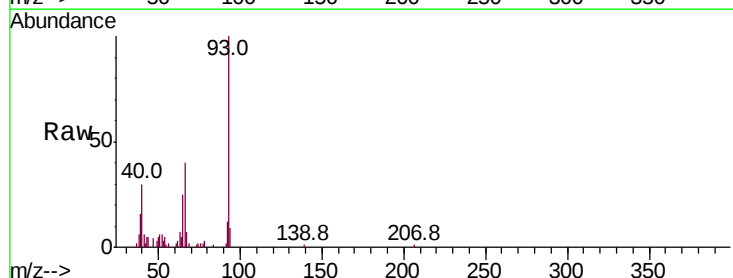
RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

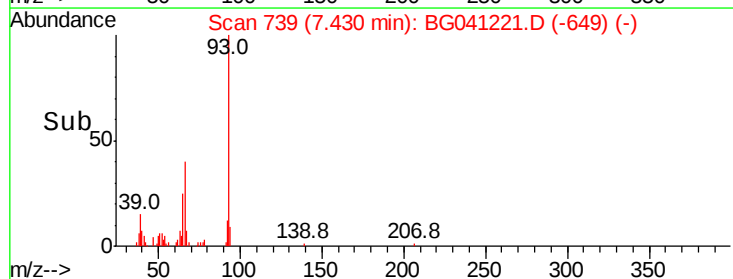
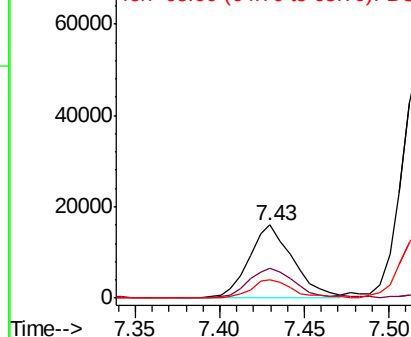
Lab File: BG041221.D

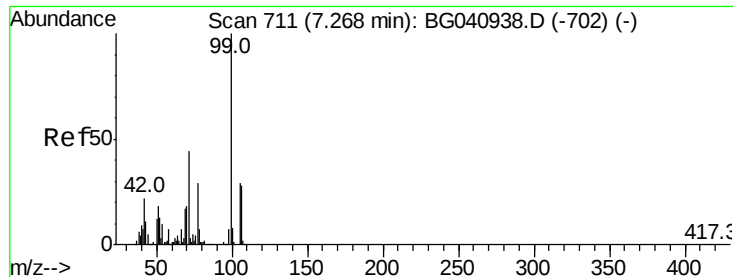
Acq: 13 Jun 2019 00:34

Tgt Ion:	93	Resp:	29040
Ion Ratio	Lower	Upper	
93	100		
66	40.4	33.8	50.8
65	25.1	18.3	27.5



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





#7

Phenol-d6

Concen: 21.806 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

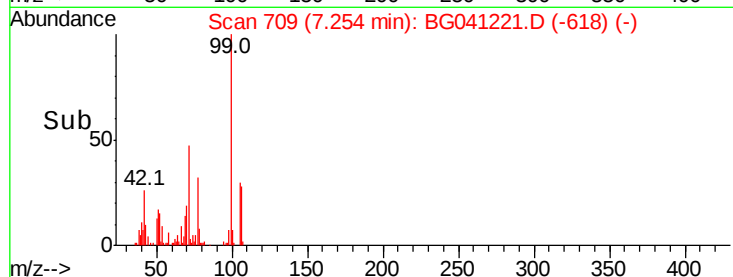
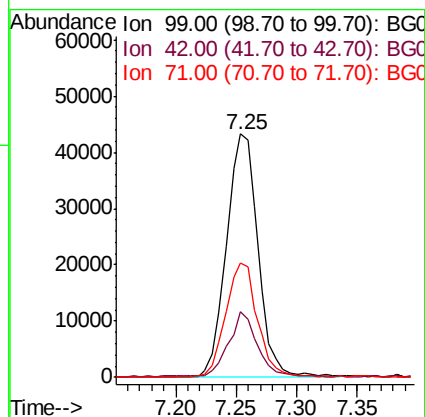
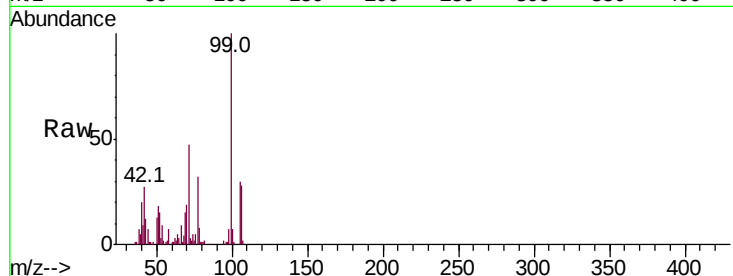
BNA_G

ClientSampleId :

TI-658MSD

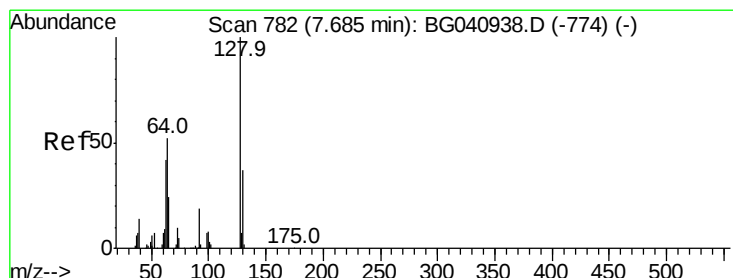
Tot Ion:	99	Resp:	78498
Ion Ratio	Lower	Upper	
99	100		
42	27.0	17.9	26.9#
71	46.9	35.4	53.0

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#8

2-Chlorophenol

Concen: 31.671 ng

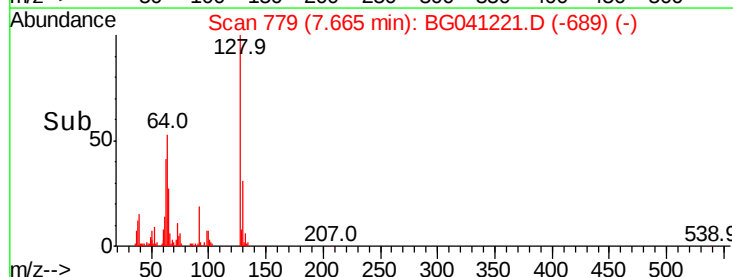
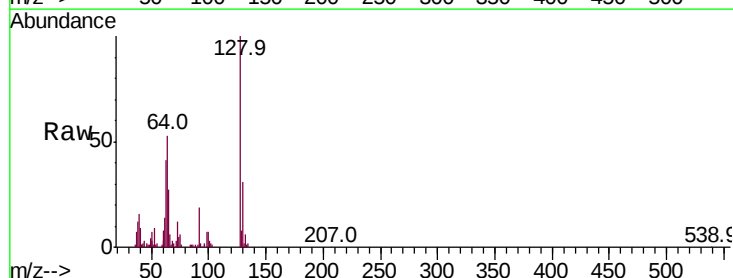
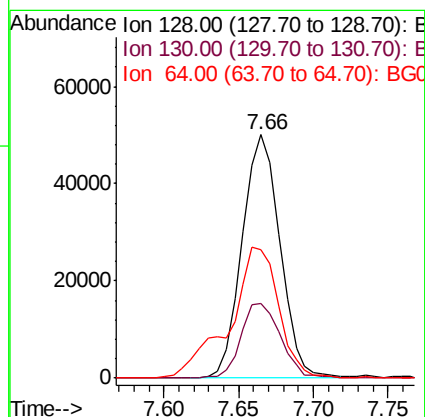
RT: 7.66 min Scan# 779

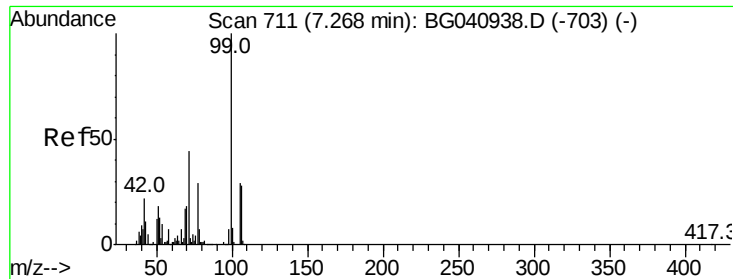
Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Tgt Ion:	128	Resp:	88012
Ion Ratio	Lower	Upper	
128	100		
130	30.9	16.6	56.6
64	52.7	37.8	77.8





#9

Benzaldehyde

Concen: 15.382 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

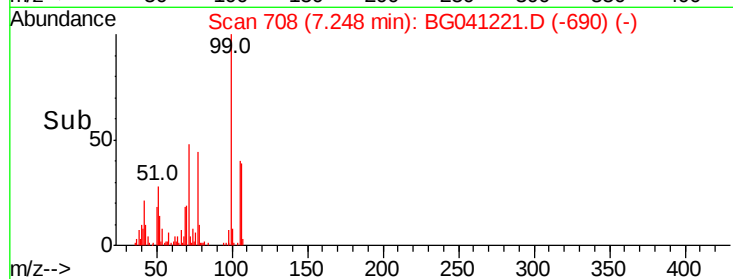
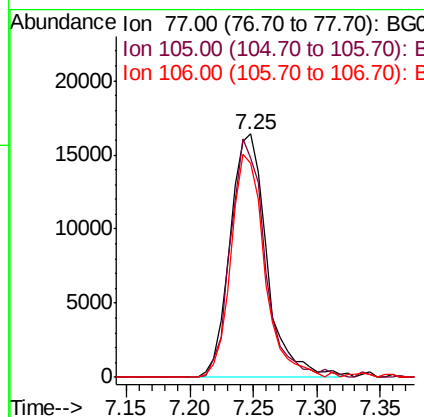
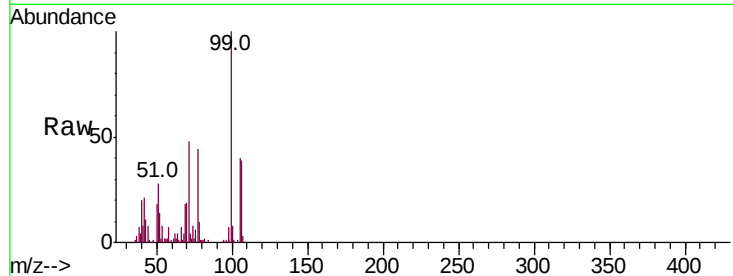
BNA_G

ClientSampled :

TI-658MSD

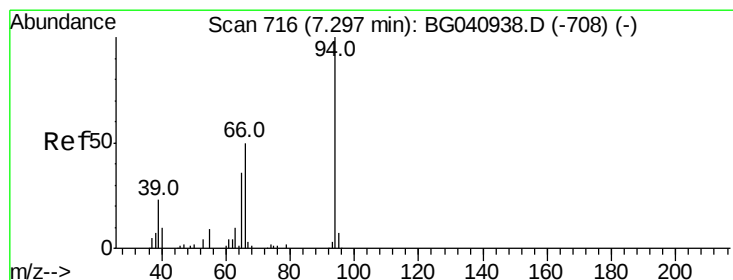
Tot Ion:	77	Resp:	33032
Ion Ratio	Lower	Upper	
77	100		
105	89.9	78.9	118.9
106	87.9	76.7	116.7

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#10

Phenol

Concen: 12.642 ng

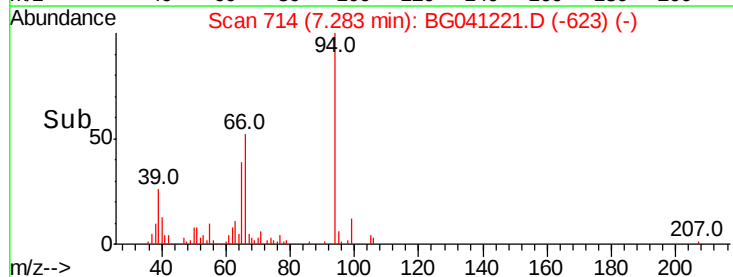
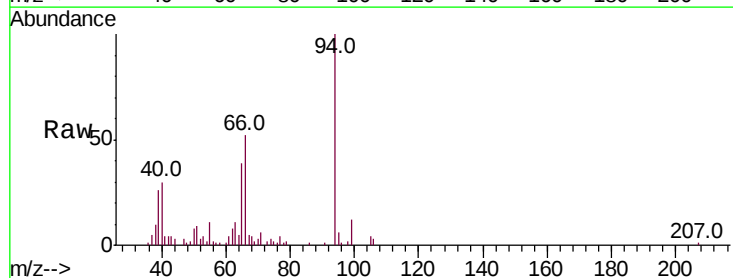
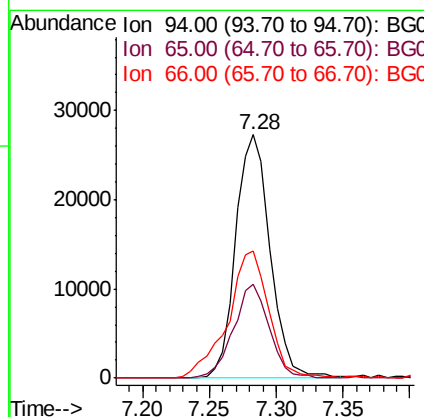
RT: 7.28 min Scan# 714

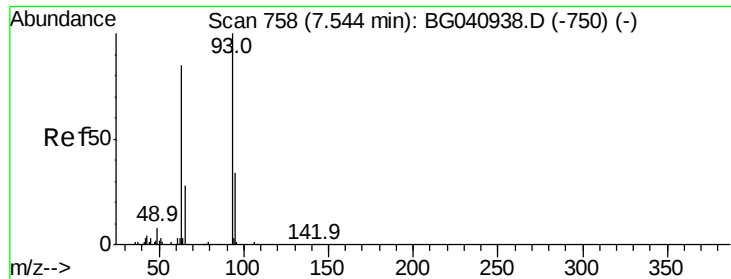
Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Tgt Ion:	94	Resp:	48796
Ion Ratio	Lower	Upper	
94	100		
65	38.7	17.0	57.0
66	52.2	32.4	72.4



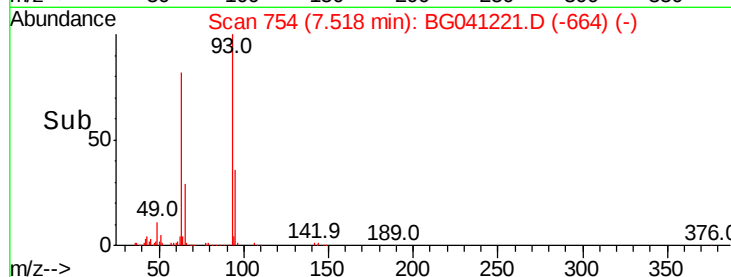
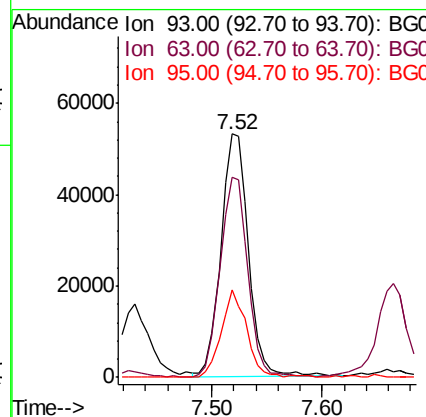
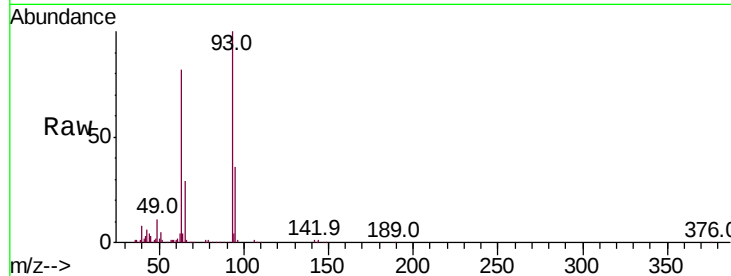


#11
bis(2-Chloroethyl)ether
Concen: 32.918 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

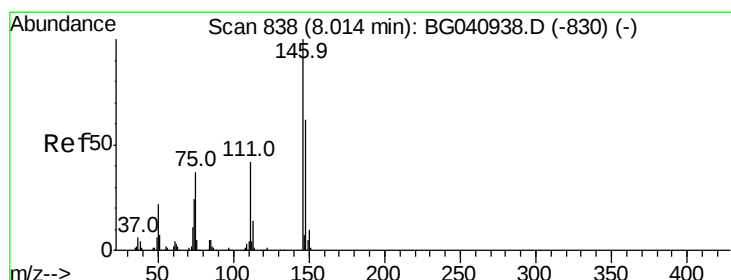
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.2	64.5	104.5
95	35.9	13.3	53.3

Manual Integrations
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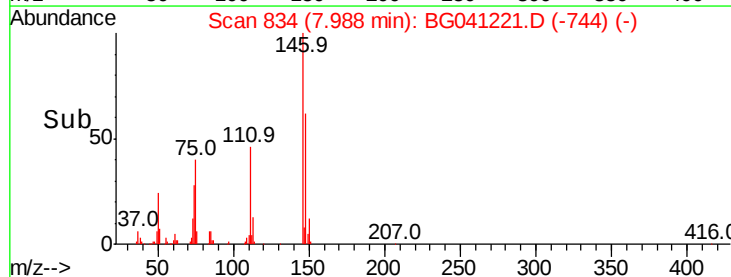
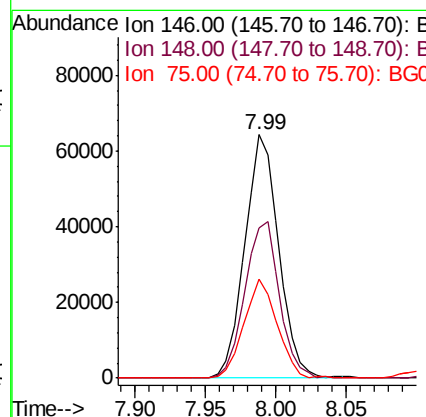
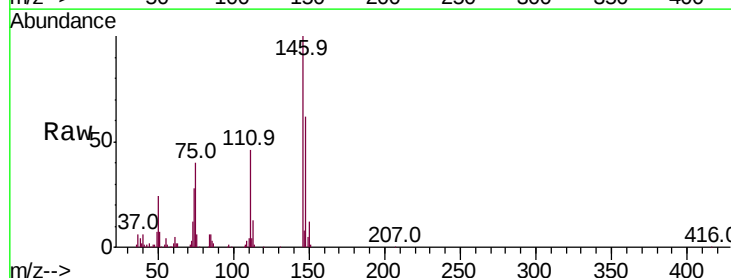
mohammad

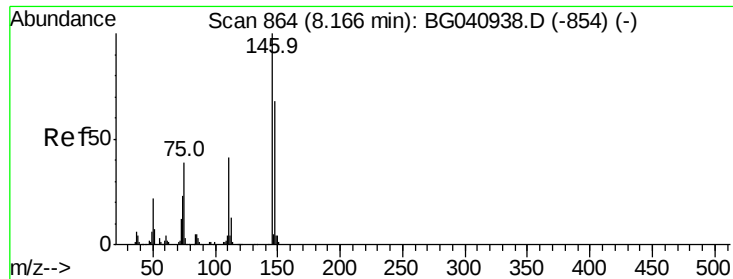
6/14/2019 8:37:06 AM



#12
1,3-Dichlorobenzene
Concen: 32.572 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.2	73.8
75	40.4	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 33.588 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

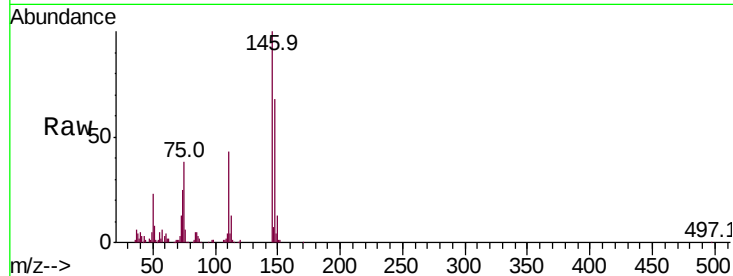
BNA_G

ClientSampleId :

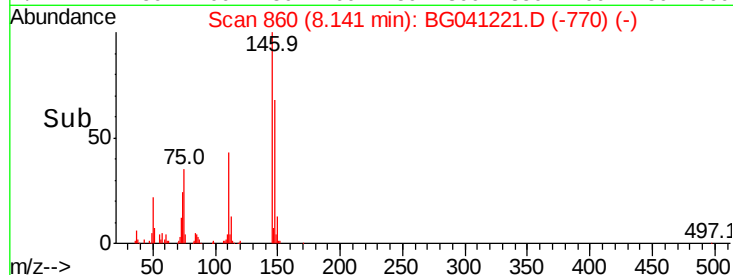
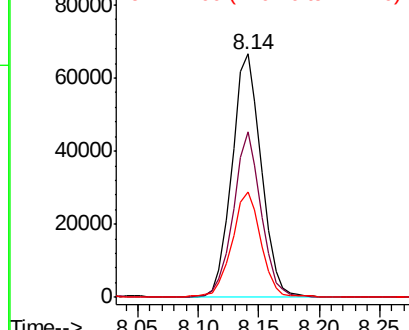
TI-658MSD

Tot Ion:	146	Resp:	112844
Ion Ratio	Lower	Upper	
146	100		
148	68.2	54.2	81.4
111	43.1	32.9	49.3

Manual Integrations
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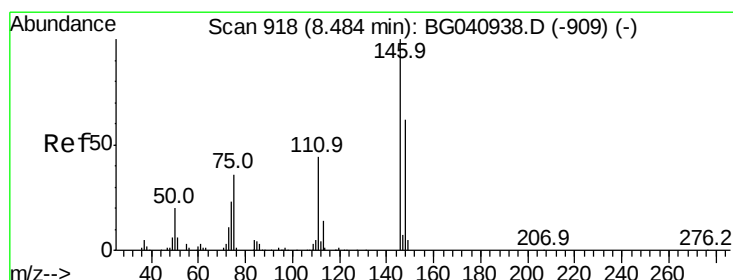


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 34.268 ng

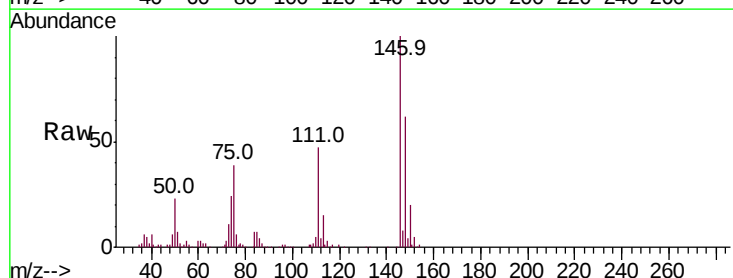
RT: 8.46 min Scan# 914

Delta R.T. -0.01 min

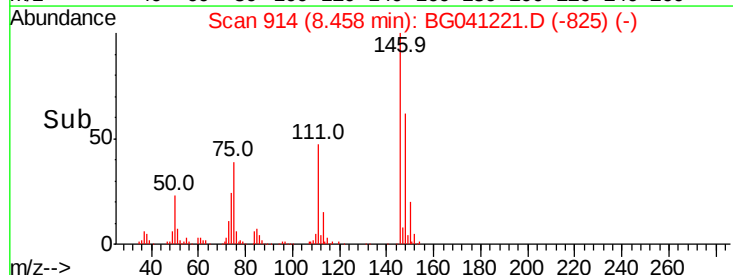
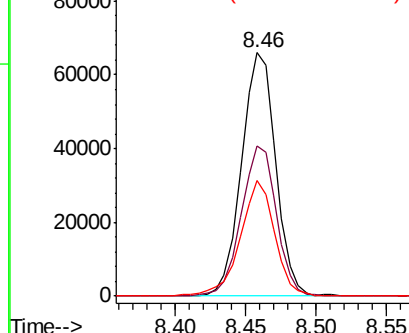
Lab File: BG041221.D

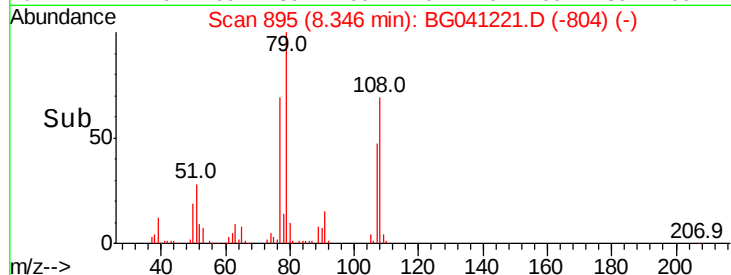
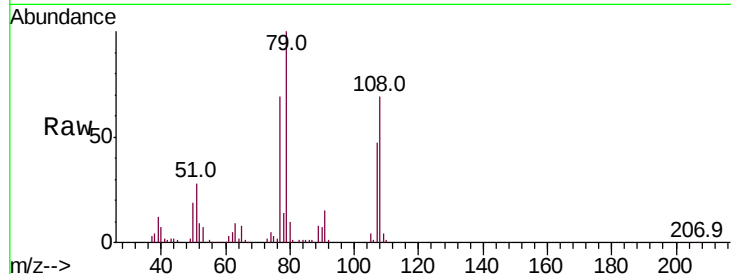
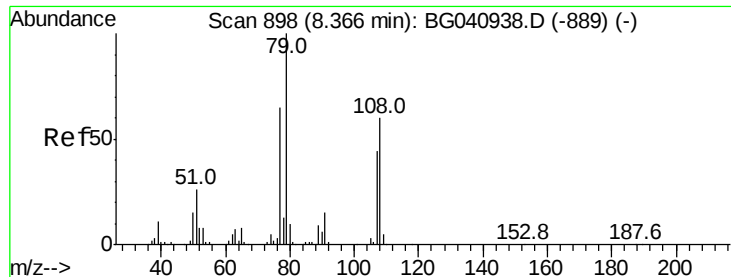
Acq: 13 Jun 2019 00:34

Tgt Ion:	146	Resp:	111783
Ion Ratio	Lower	Upper	
146	100		
148	61.5	49.8	74.6
111	47.3	35.0	52.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



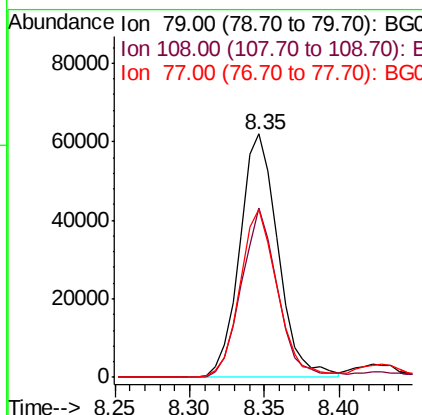


#15
Benzyl Alcohol
Concen: 33.072 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.3	48.3	72.5
77	69.0	52.3	78.5

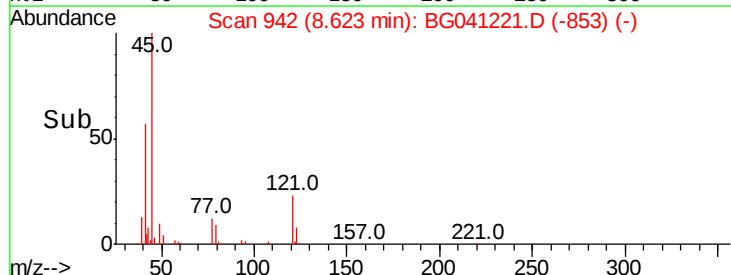
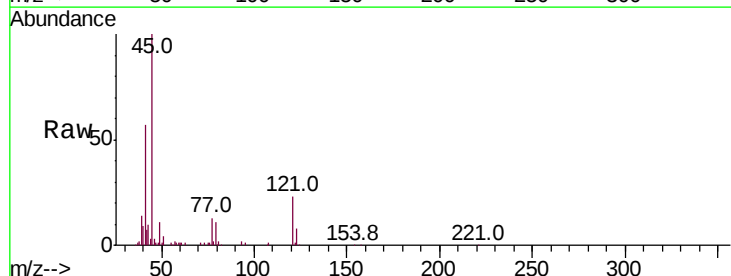
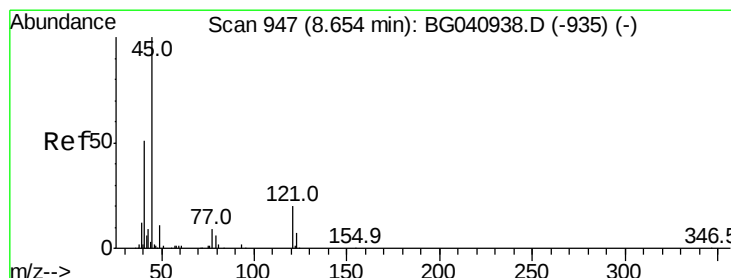
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Manual Integrations
APPROVED



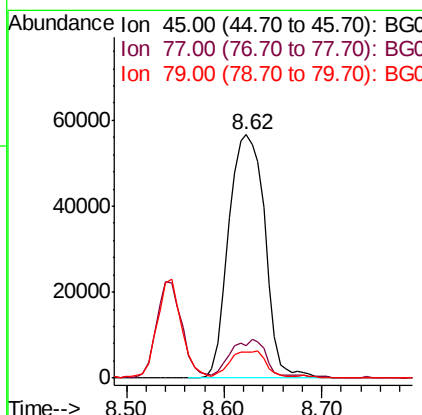
mohammad

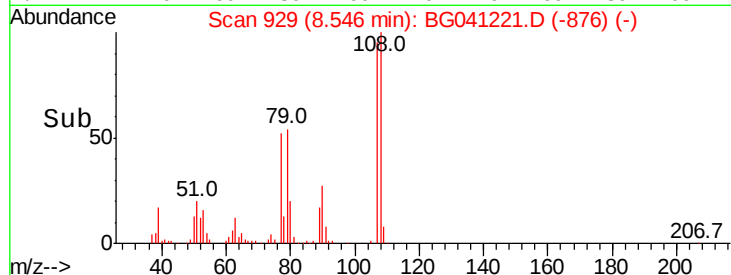
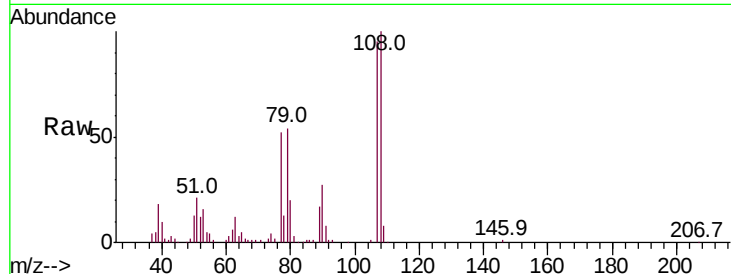
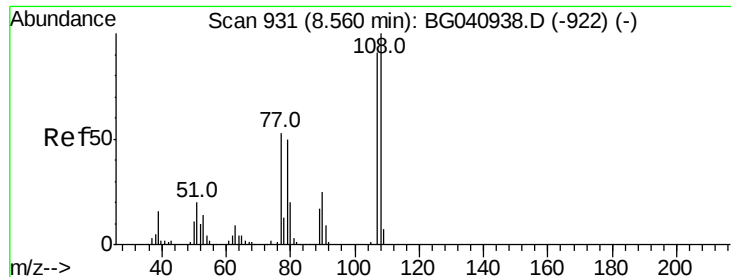
6/14/2019 8:37:06 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.049 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	33.7
79	10.5	0.0	30.2





#17
2-Methylphenol
Concen: 24.881 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tot Ion	107	Resp	69536
Ion Ratio	Lower	Upper	
107	100		
108	105.2	87.7	131.5
77	54.9	46.6	70.0
79	56.9	44.6	66.8

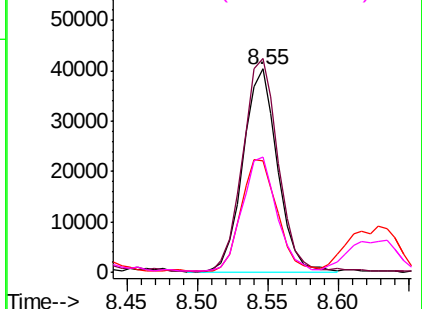
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

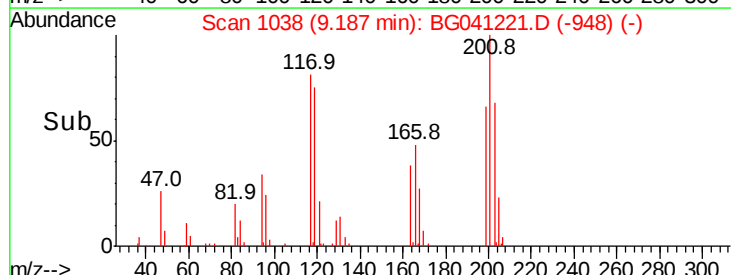
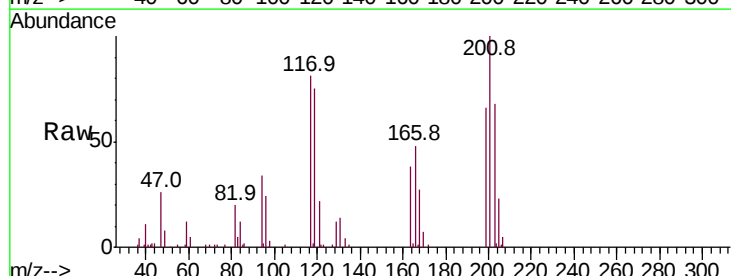
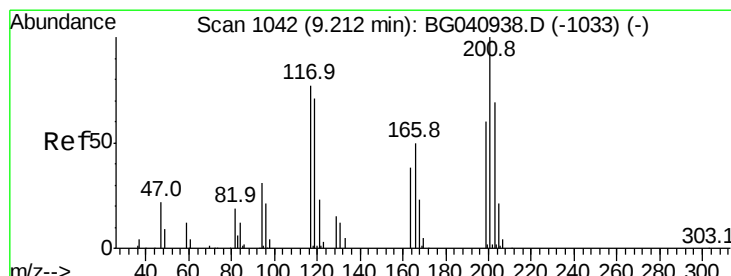


Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Manual Integrations
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#18
Hexachloroethane
Concen: 33.833 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

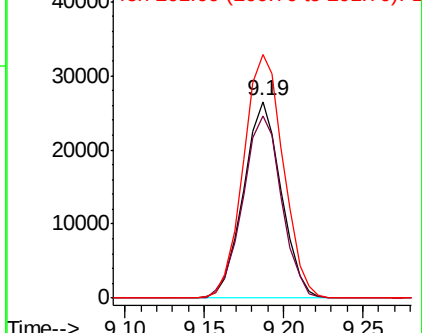
Tgt Ion	117	Resp	43809
Ion Ratio	Lower	Upper	
117	100		
119	92.8	75.0	112.6
201	124.0	103.5	155.3

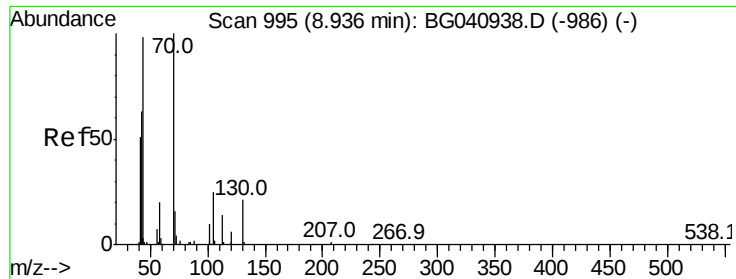
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



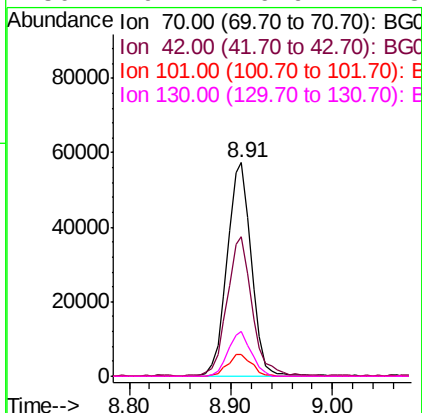
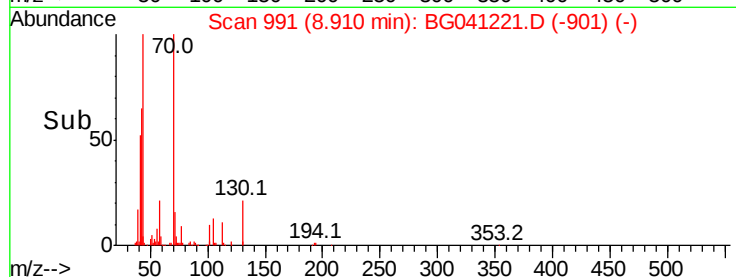
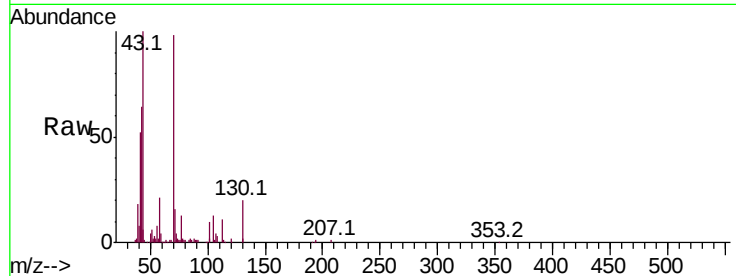


#19
n-Nitroso-di-n-propylamine
Concen: 34.277 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

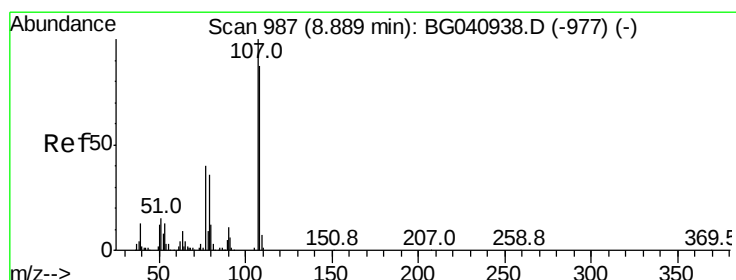
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.4	51.5	77.3	
101	10.5	8.1	12.1	
130	20.7	16.6	24.8	

Manual Integrations
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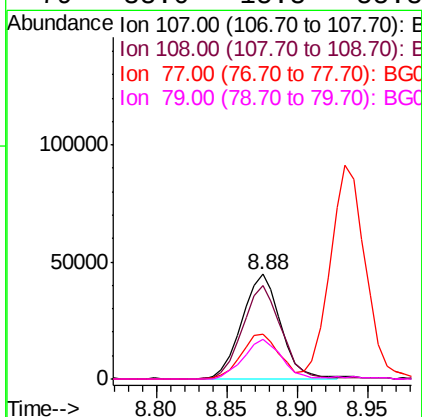
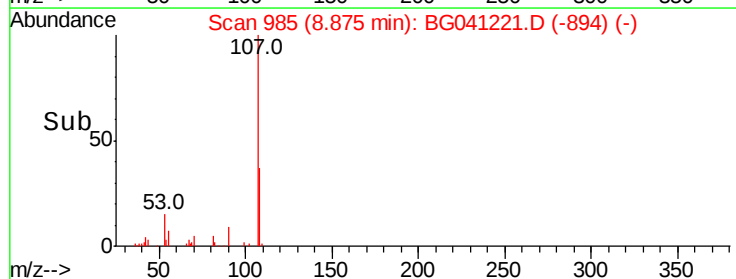
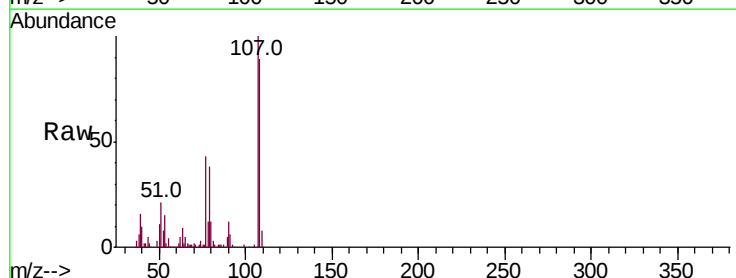
mohammad

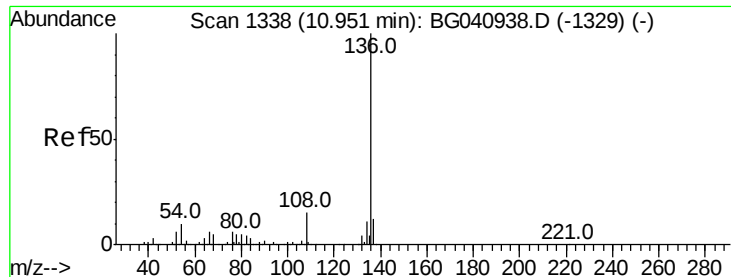
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#20
3+4-Methylphenols
Concen: 22.184 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	66.8	106.8	
77	42.5	20.5	60.5	
79	38.0	15.8	55.8	



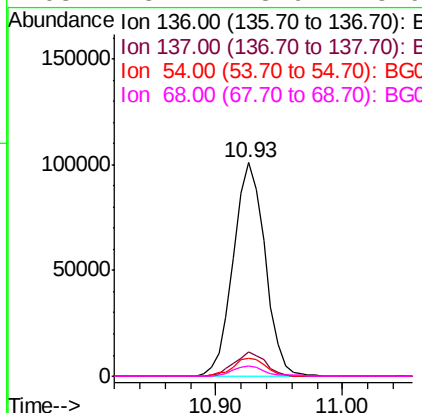
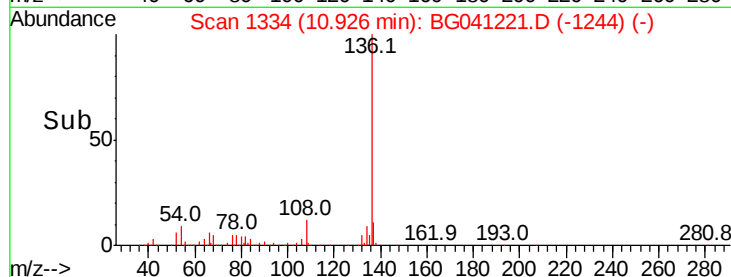
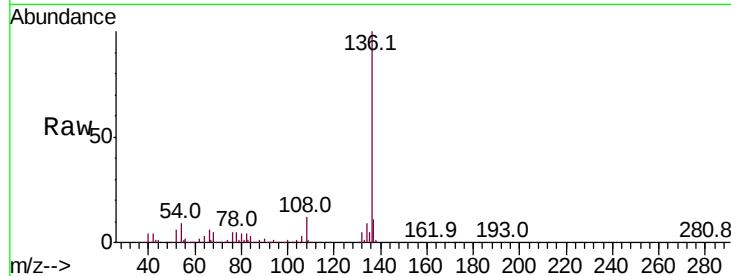


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

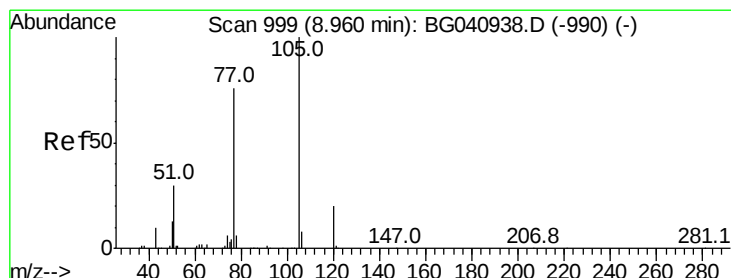
Tot Ion	Ratio	Resp	Lower	Upper
136	100	175291		
137	11.2		9.5	14.3
54	8.6		7.6	11.4
68	5.1		3.9	5.9

Manual Integrations
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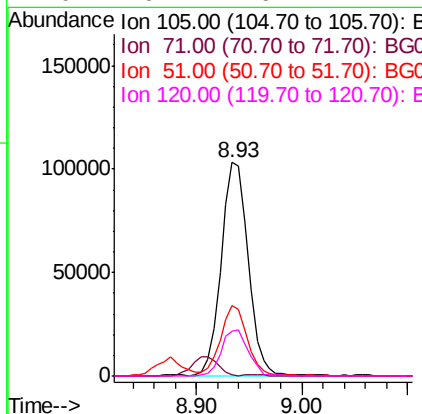
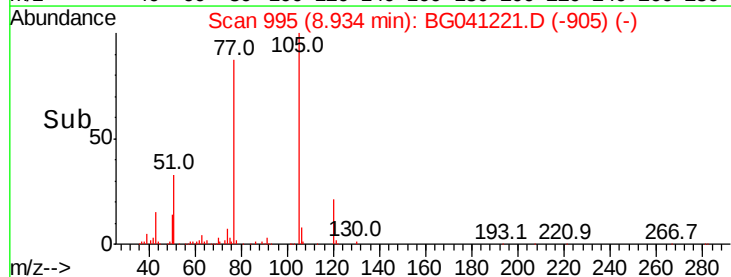
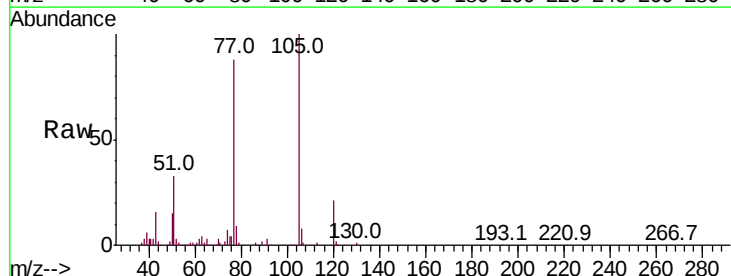
mohammad

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#22
Acetophenone
Concen: 37.161 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	182729		
71	0.7		0.4	0.6#
51	33.1		27.0	40.6
120	20.7		16.2	24.4



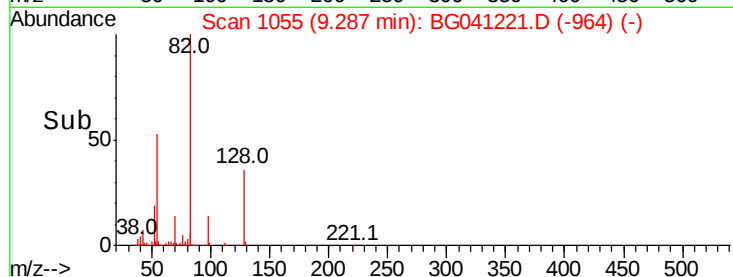
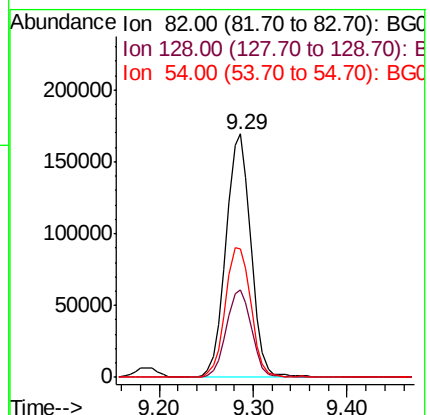
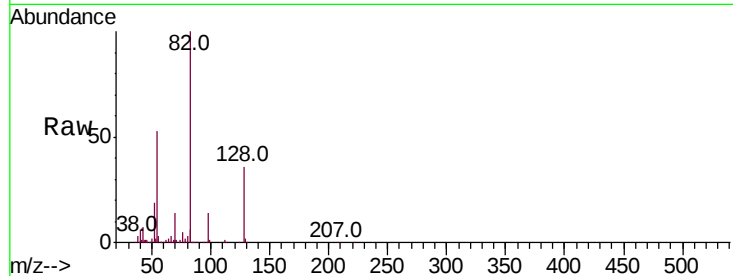


#23
Nitrobenzene-d5
Concen: 79.137 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampled :
TI-658MSD

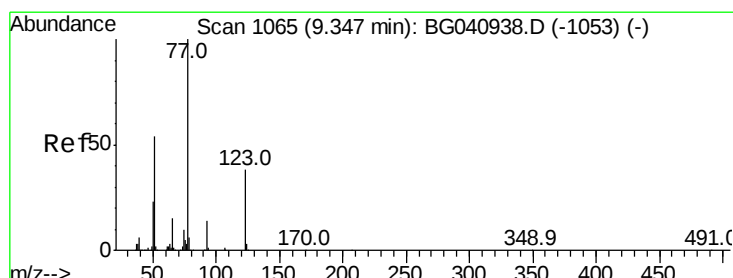
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.5	45.7
54	52.7	44.6	66.8

Manual Integrations
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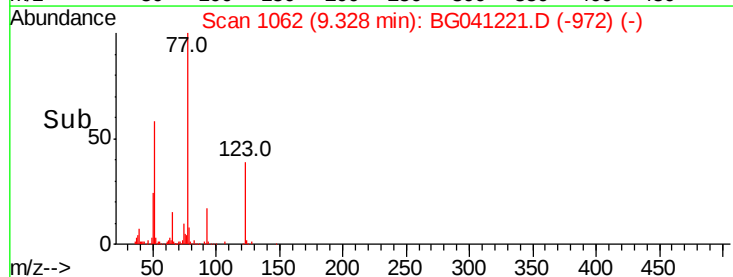
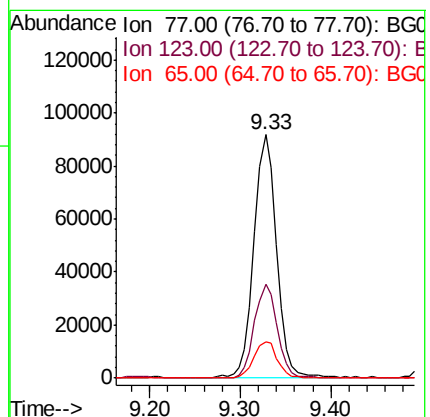
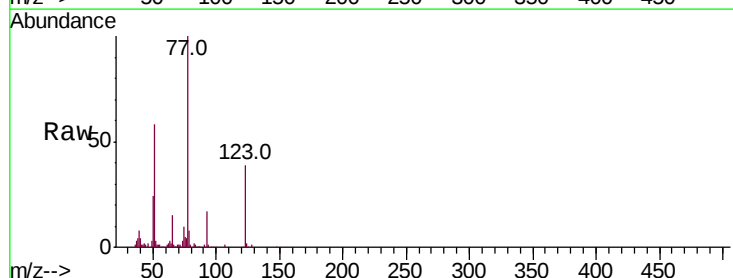
mohammad

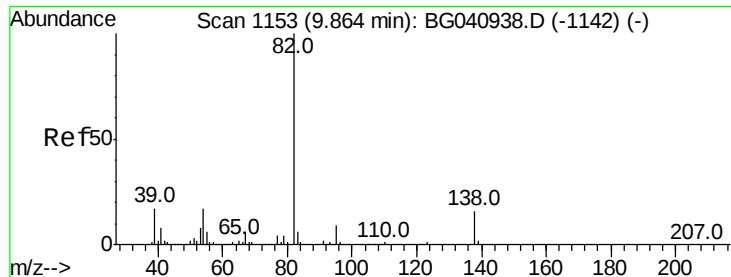
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#24
Nitrobenzene
Concen: 39.696 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	30.6	46.0
65	14.8	12.3	18.5





#25

Isophorone

Concen: 36.646 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

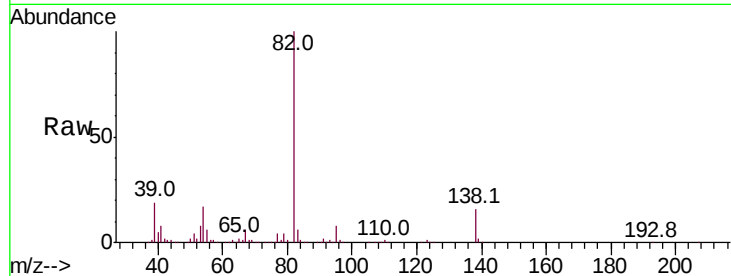
BNA_G

ClientSampled :

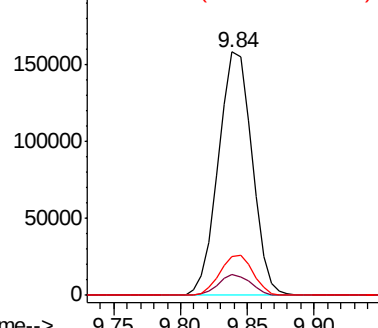
TI-658MSD

Tot Ion:	82	Resp:	275377
Ion Ratio	Lower	Upper	
82	100		
95	8.5	7.0	10.4
138	16.2	12.6	19.0

Manual Integrations
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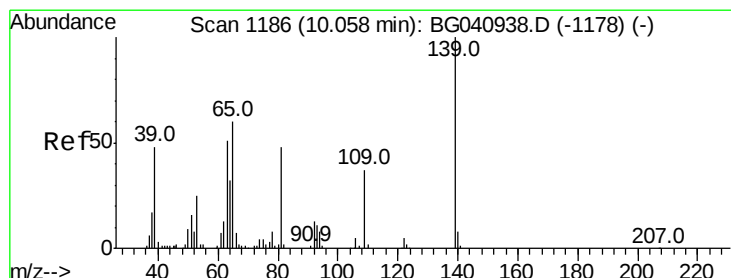
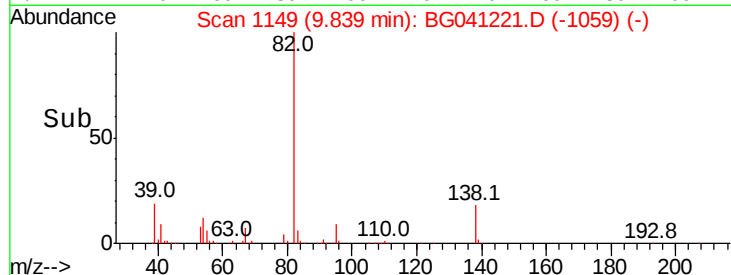


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



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#26

2-Nitrophenol

Concen: 39.555 ng

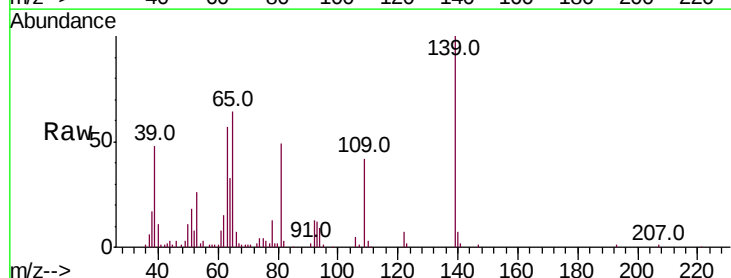
RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

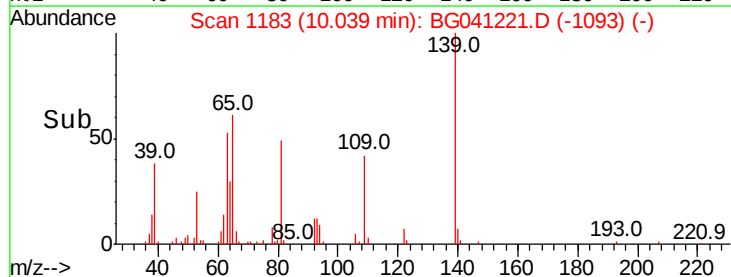
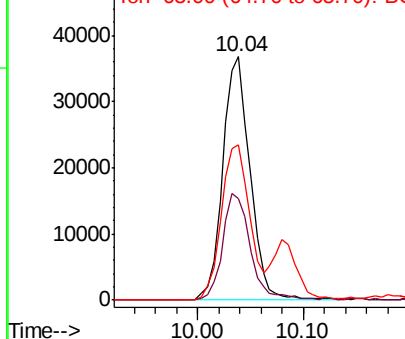
Lab File: BG041221.D

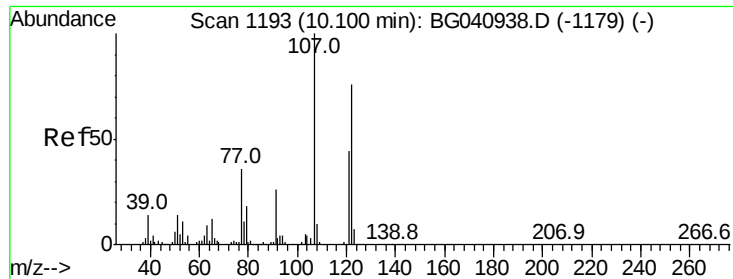
Acq: 13 Jun 2019 00:34

Tgt Ion:	139	Resp:	65616
Ion Ratio	Lower	Upper	
139	100		
109	41.9	29.8	44.6
65	63.9	47.8	71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



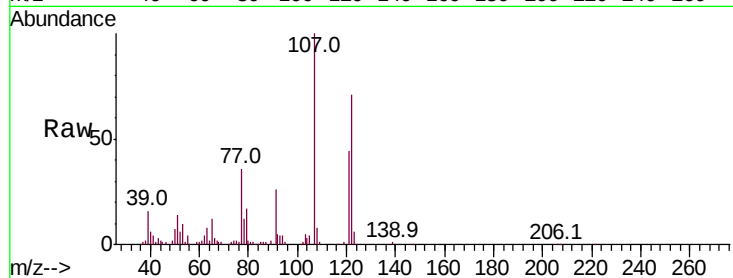


#27
2,4-Dimethylphenol
Concen: 33.884 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.9	105.9	158.9
121	61.6	46.2	69.4

Manual Integrations
APPROVED

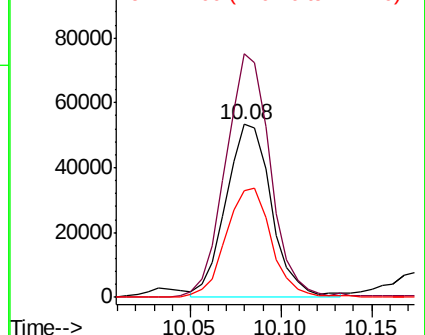


Abundance

Ion 122.00 (121.70 to 122.70): E

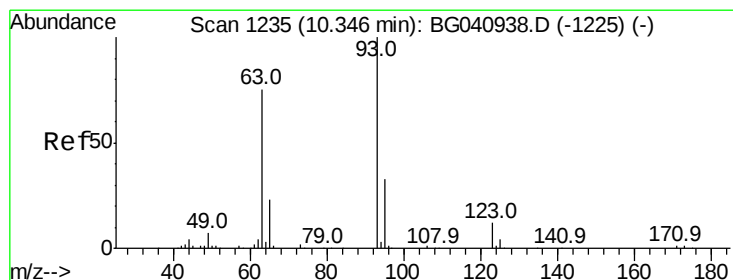
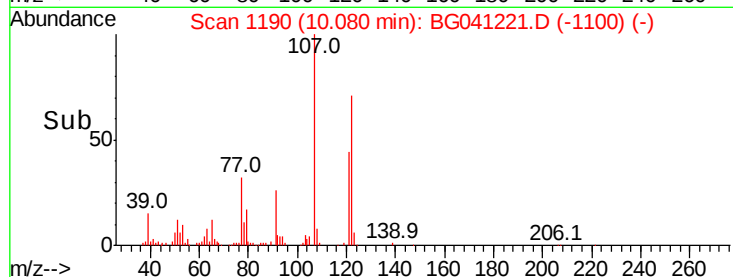
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



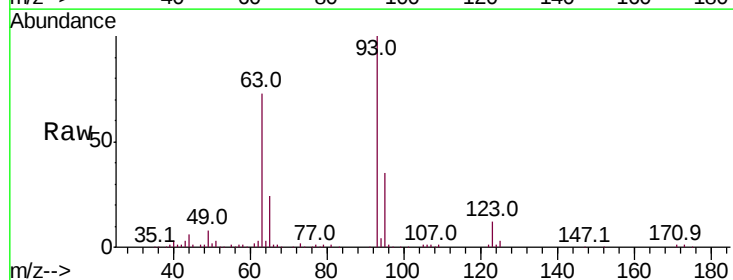
mohammad

6/14/2019 8:37:06 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.082 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.2	26.2	39.2
123	11.5	9.5	14.3

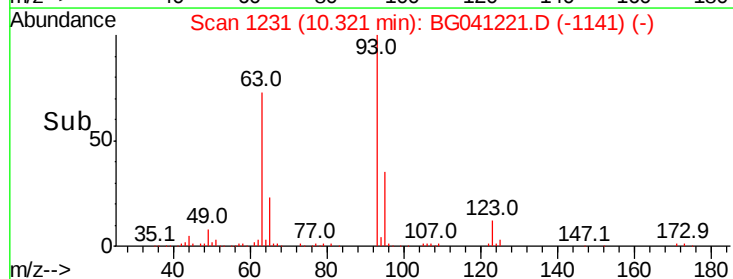
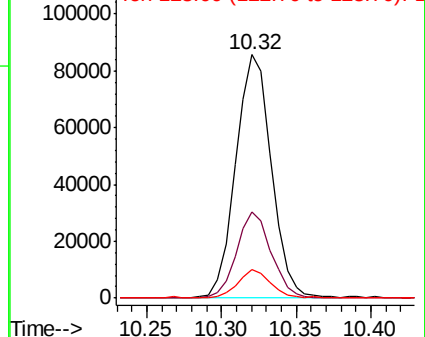


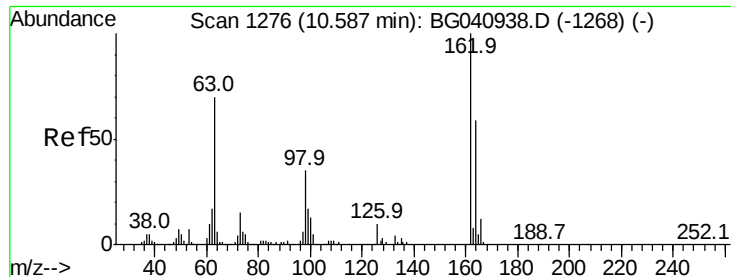
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



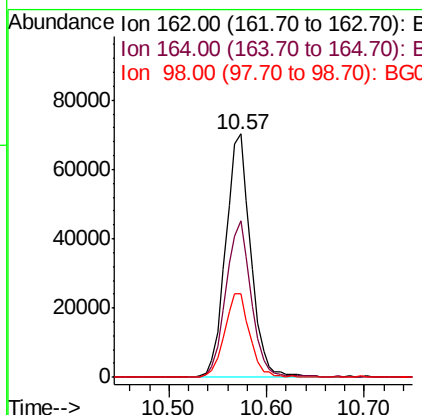
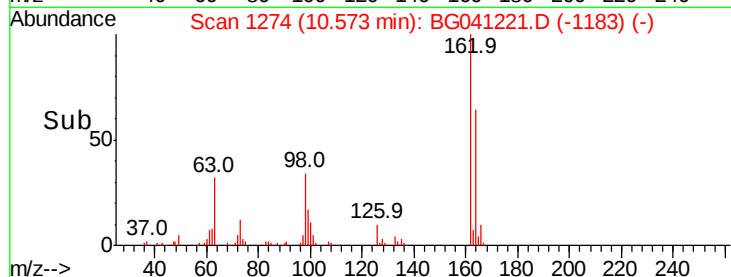
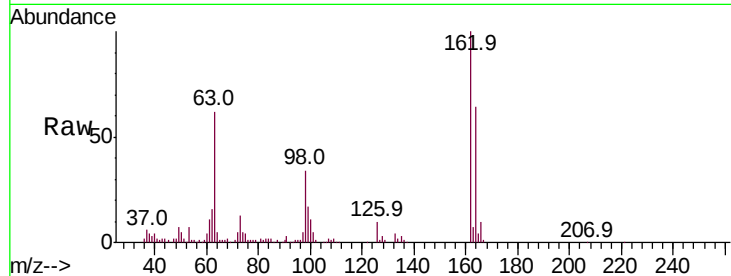


#29
2,4-Dichlorophenol
Concen: 35.990 ng
RT: 10.57 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

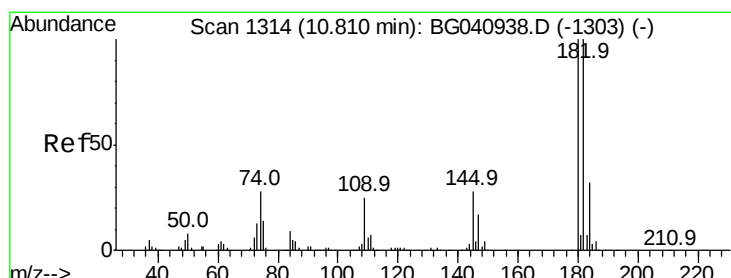
Tot Ion:	162	Resp:	125214
Ion Ratio	Lower	Upper	
162	100		
164	64.5	39.4	79.4
98	34.4	15.3	55.3

Manual Integrations
APPROVED



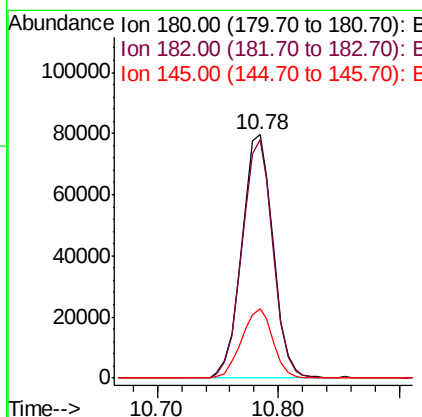
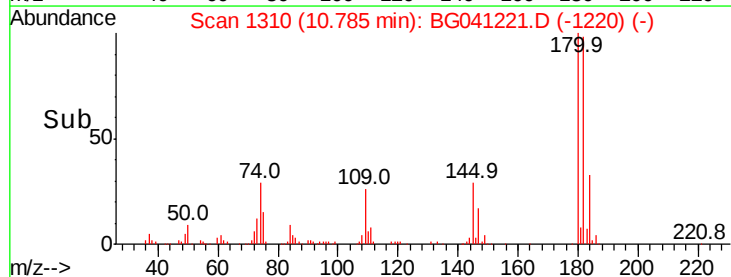
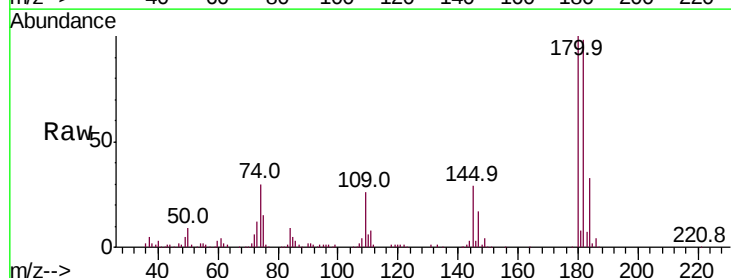
mohammad

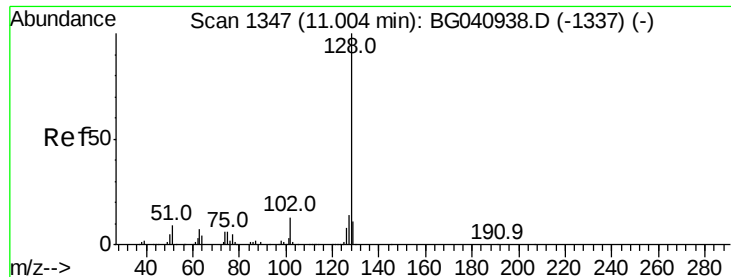
6/14/2019 8:37:06 AM



#30
1,2,4-Trichlorobenzene
Concen: 36.282 ng
RT: 10.78 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	180	Resp:	143598
Ion Ratio	Lower	Upper	
180	100		
182	98.1	79.7	119.5
145	28.8	22.6	34.0



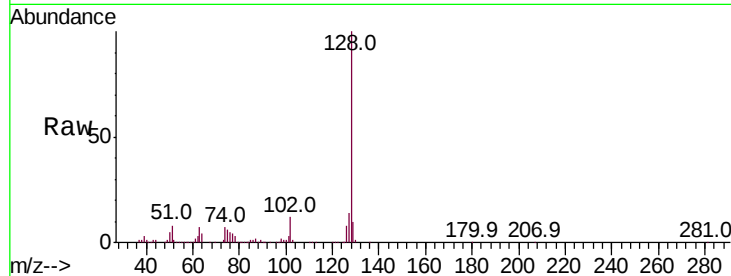


#31
Naphthalene
Concen: 37.840 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

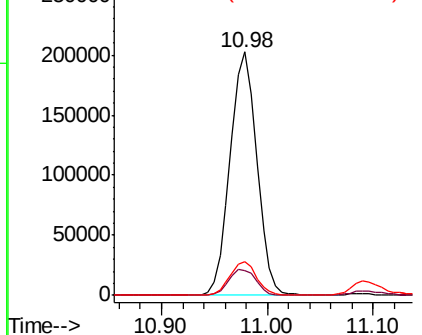
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.5	12.7
127	13.7	11.4	17.2

Manual Integrations
APPROVED

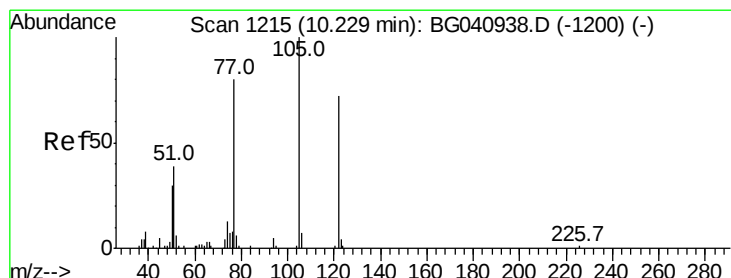
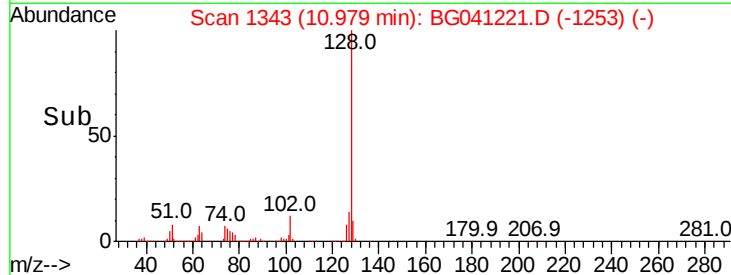


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



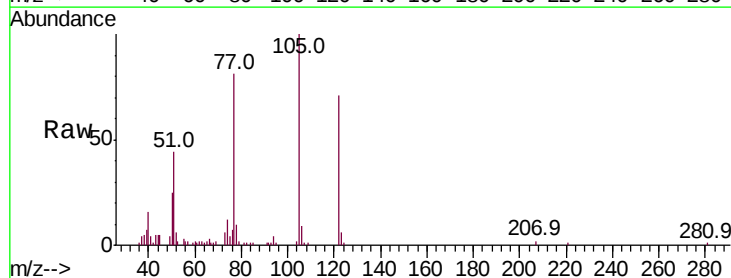
mohammad

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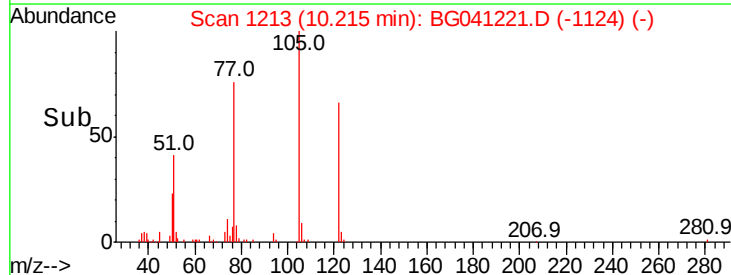
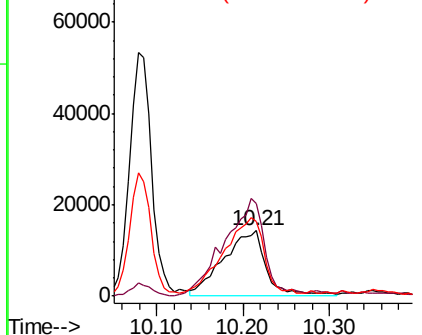


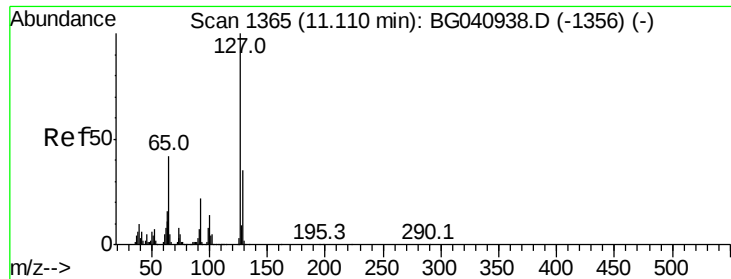
#32
Benzoic acid
Concen: 26.612 ng m
RT: 10.21 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.9	114.8	154.8
77	113.9	89.9	129.9



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



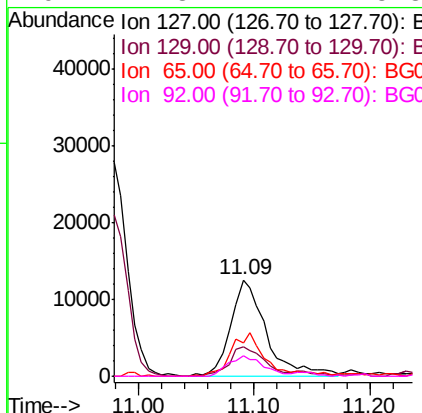
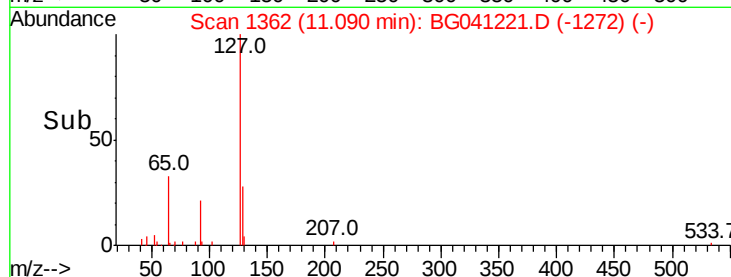
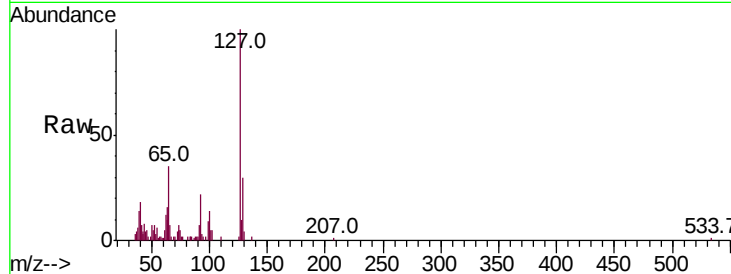


#33
4-Chloroaniline
Concen: 6.181 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

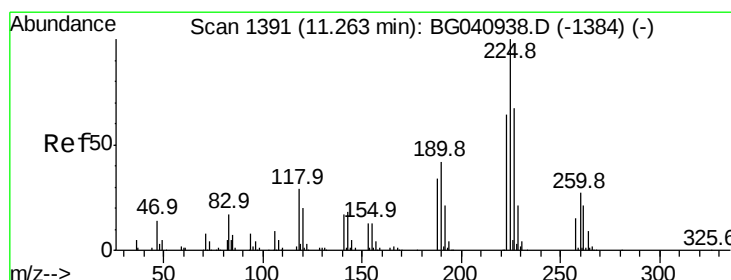
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.3	27.7	41.5
65	35.3	33.2	49.8
92	21.8	17.2	25.8

Manual Integrations
APPROVED



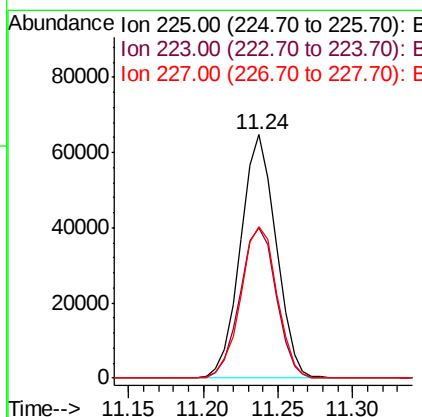
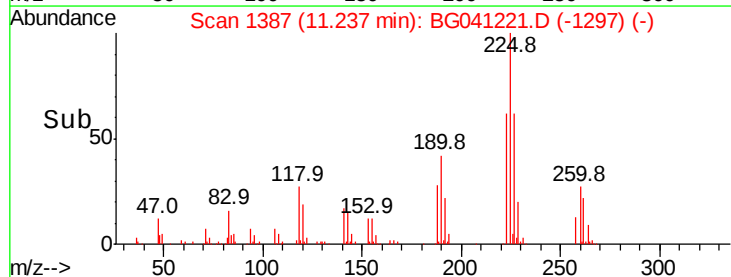
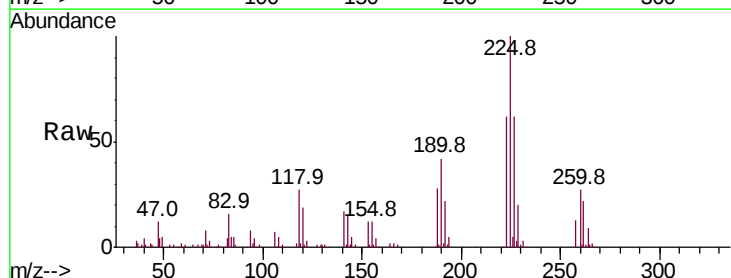
mohammad

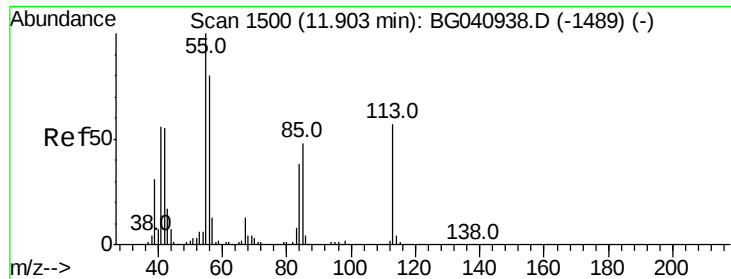
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#34
Hexachlorobutadiene
Concen: 35.208 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	62.1	51.4	77.0





#35

Caprolactam

Concen: 6.461 ng

RT: 11.90 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

Tot Ion:113 Resp: 7423

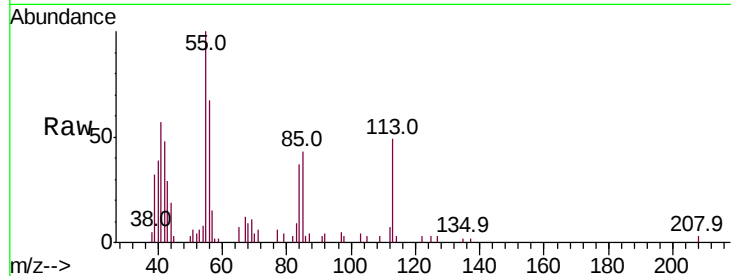
Ion Ratio Lower Upper

113 100

55 202.8 155.9 195.9#

56 135.1 119.9 159.9

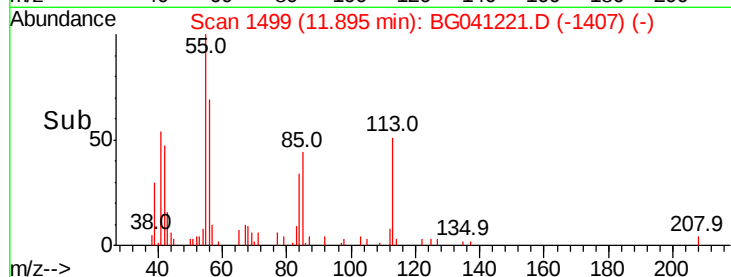
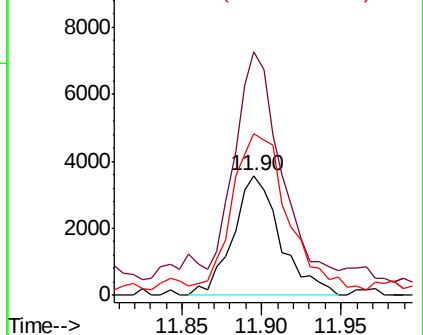
Manual Integrations
APPROVED



Abundance Ion 113.00 (112.70 to 113.70): E

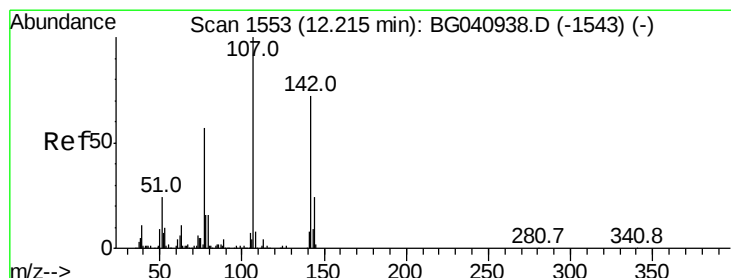
Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



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#36

4-Chloro-3-methylphenol

Concen: 33.015 ng

RT: 12.19 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

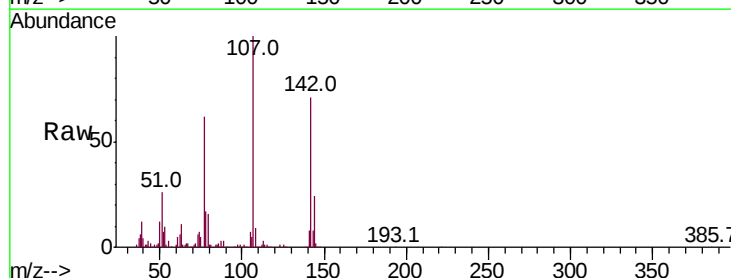
Tgt Ion:107 Resp: 131182

Ion Ratio Lower Upper

107 100

144 24.0 19.4 29.0

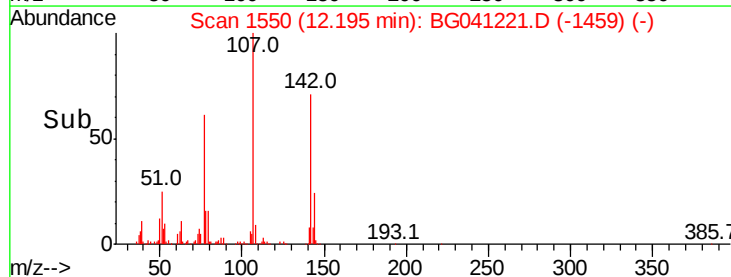
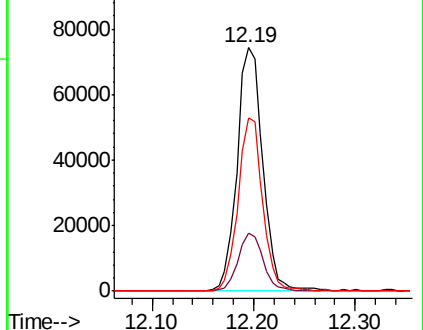
142 71.3 57.3 85.9

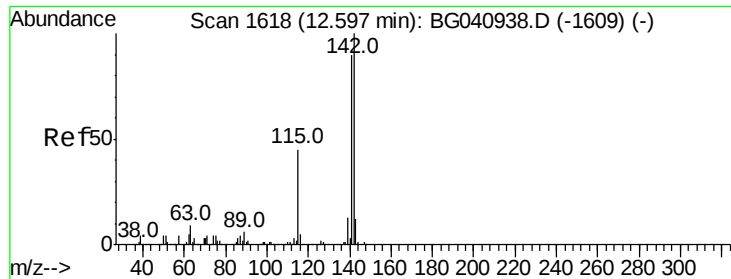


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



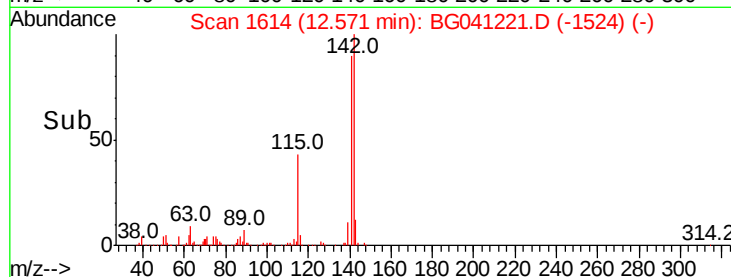
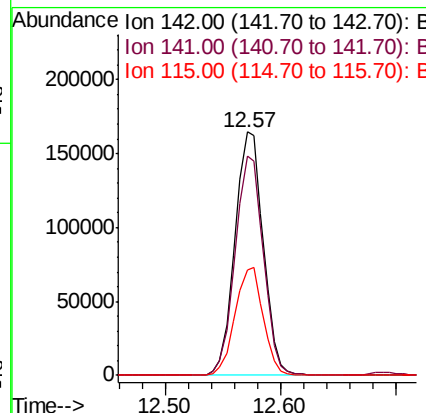
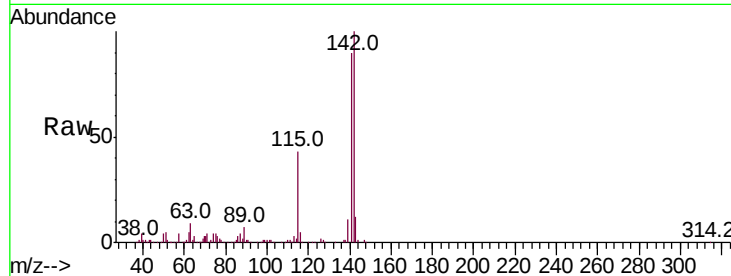


#37
2-Methylnaphthalene
Concen: 38.505 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampled :
TI-658MSD

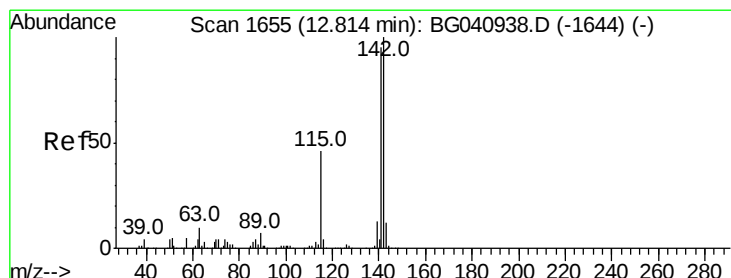
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.2	108.4
115	43.3	36.2	54.4

Manual Integrations
APPROVED



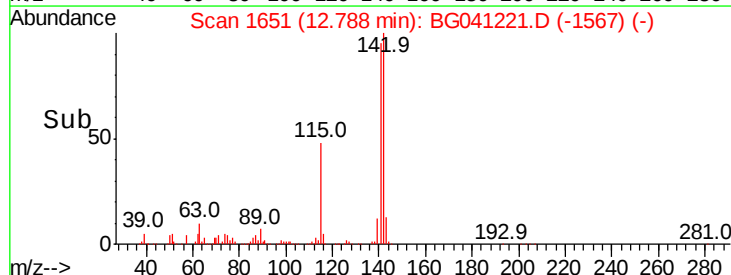
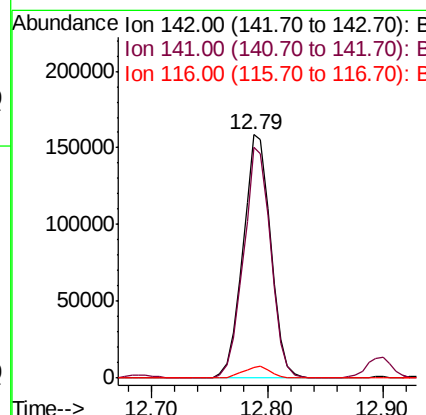
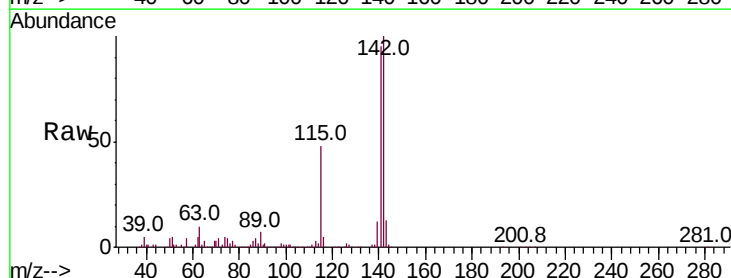
mohammad

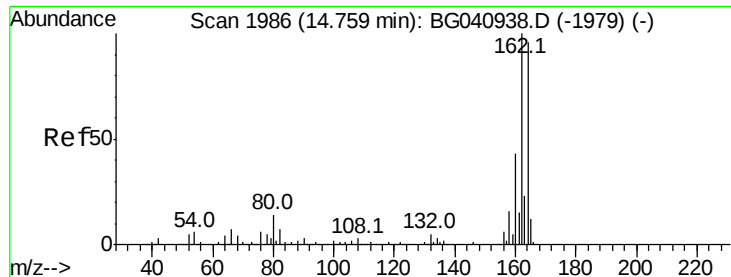
6/14/2019 8:37:06 AM



#38
1-Methylnaphthalene
Concen: 38.474 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

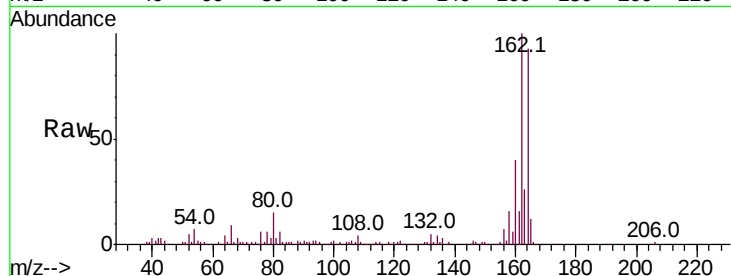
BNA_G

ClientSampled :

TI-658MSD

Tot Ion:	164	Resp:	125684
Ion	Ratio	Lower	Upper
164	100		
162	107.4	83.0	124.4
160	43.2	35.6	53.4

Manual Integrations
APPROVED

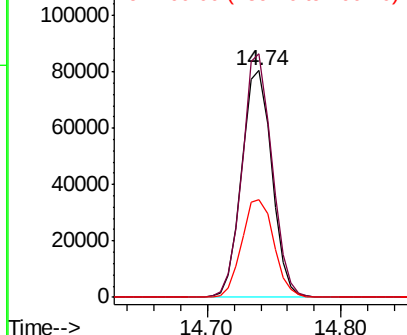


Abundance

Ion 164.00 (163.70 to 164.70): E

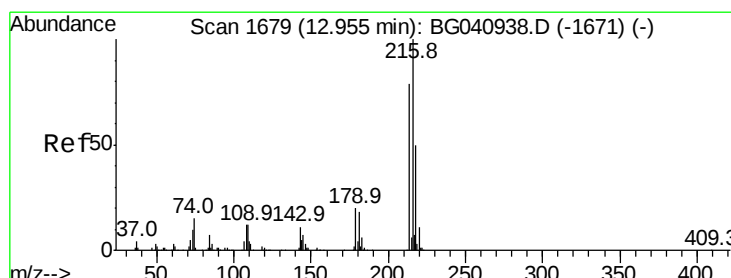
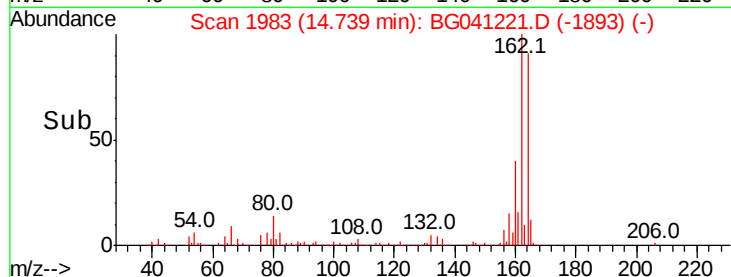
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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6/14/2019 8:37:06 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.456 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Tgt Ion:	216	Resp:	204941
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	19.2	15.2	22.8
108	16.4	11.4	17.2

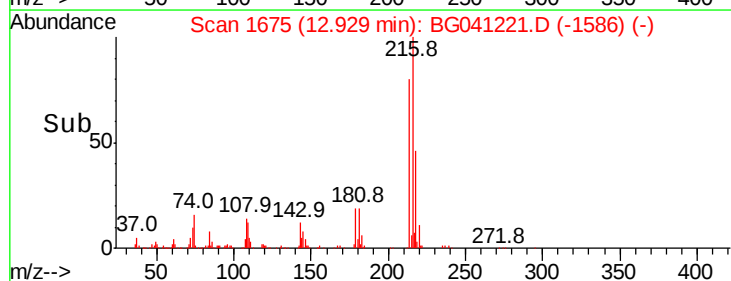
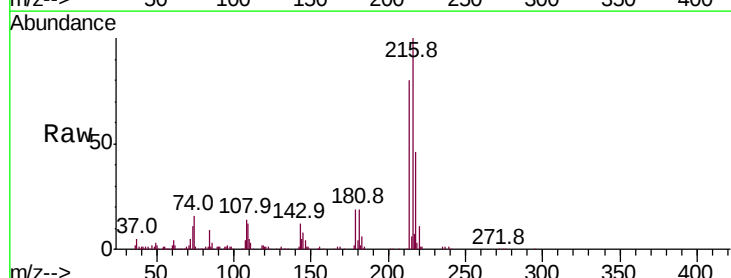
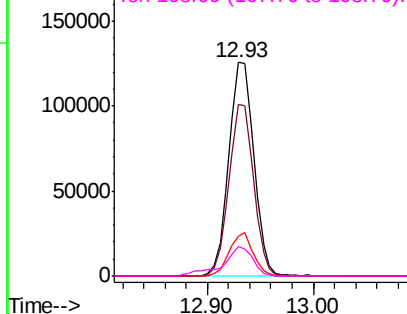
Abundance

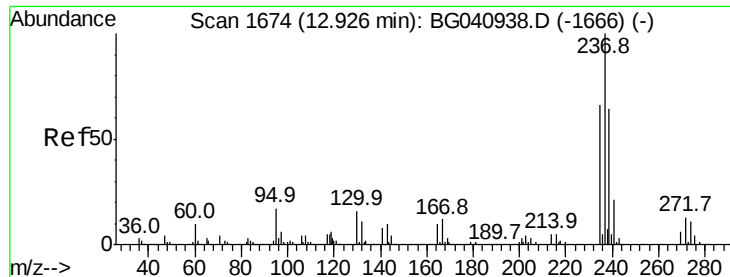
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.287 ng

RT: 12.90 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

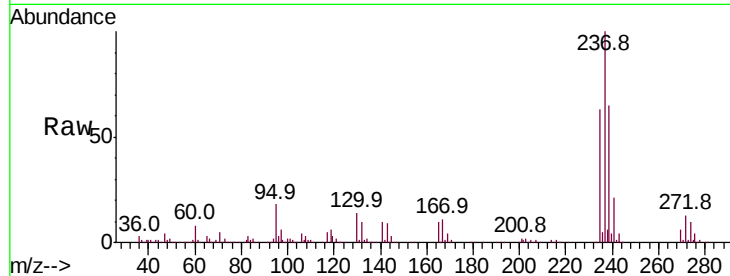
BNA_G

ClientSampleId :

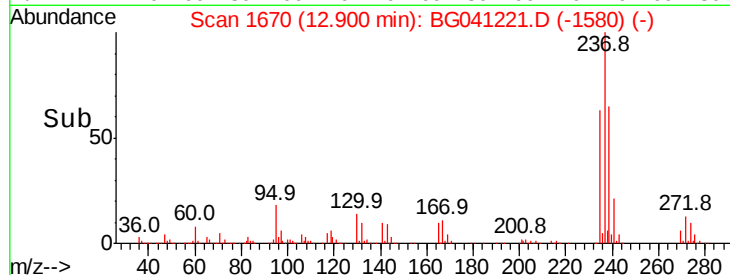
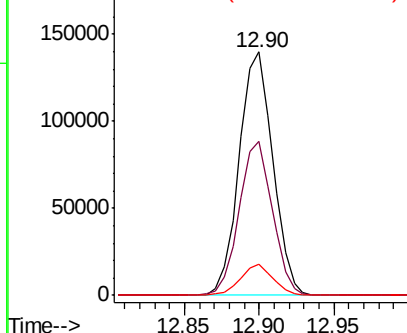
TI-658MSD

Tot Ion:	237	Resp:	218718
Ion Ratio	Lower	Upper	
237	100		
235	63.4	45.5	85.5
272	12.8	0.0	32.9

Manual Integrations
APPROVED

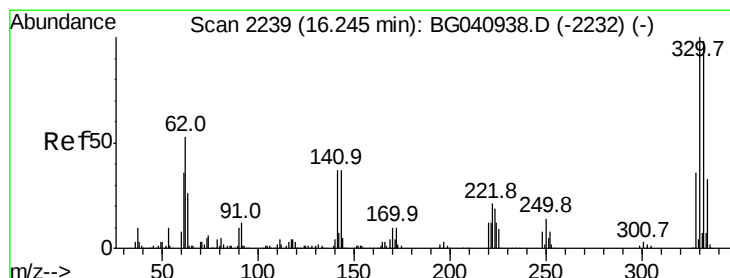


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#42

2,4,6-Tribromophenol

Concen: 81.194 ng

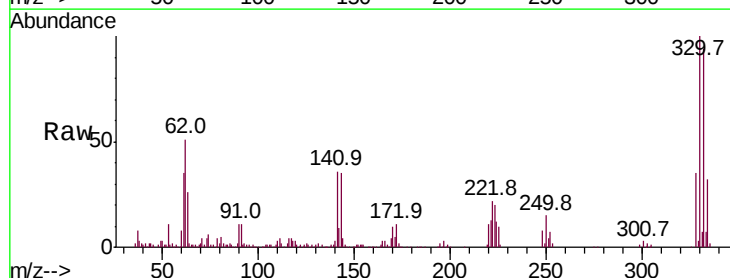
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

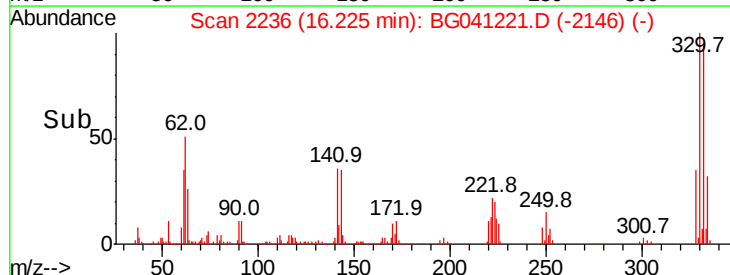
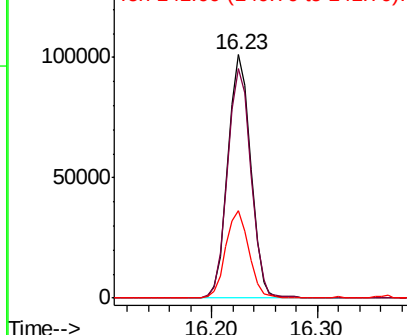
Lab File: BG041221.D

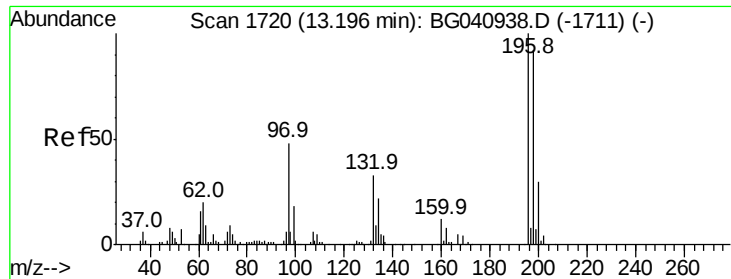
Acq: 13 Jun 2019 00:34

Tgt Ion:	330	Resp:	151498
Ion Ratio	Lower	Upper	
330	100		
332	96.5	78.5	117.7
141	36.7	28.7	43.1



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





#43

2,4,6-Trichlorophenol

Concen: 39.302 ng

RT: 13.17 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

Tot Ion:196 Resp: 128797

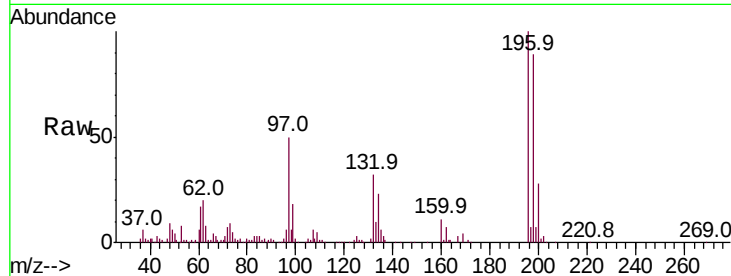
Ion Ratio Lower Upper

196 100

198 89.5 73.8 110.6

200 27.6 24.1 36.1

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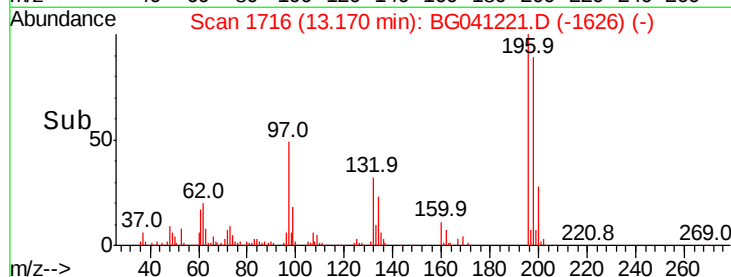
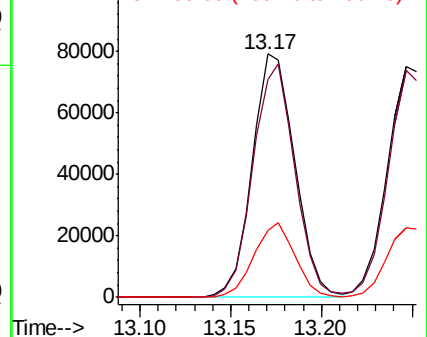


Abundance

Ion 196.00 (195.70 to 196.70): E

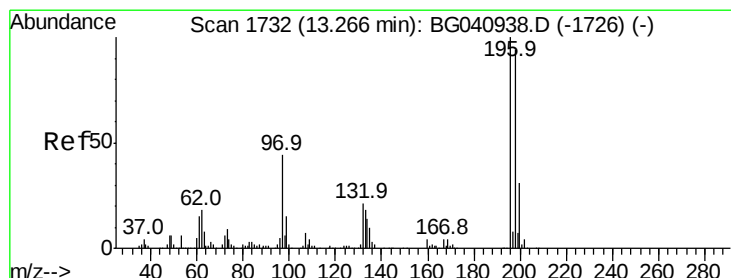
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44

2,4,5-Trichlorophenol

Concen: 38.338 ng

RT: 13.25 min Scan# 1729

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Tgt Ion:196 Resp: 132500

Ion Ratio Lower Upper

196 100

198 97.9 75.1 112.7

97 45.0 35.6 53.4

132 22.5 16.7 25.1

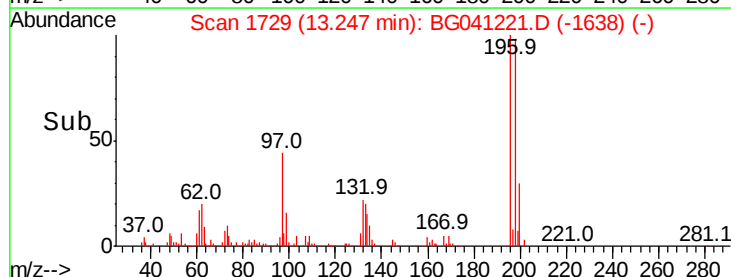
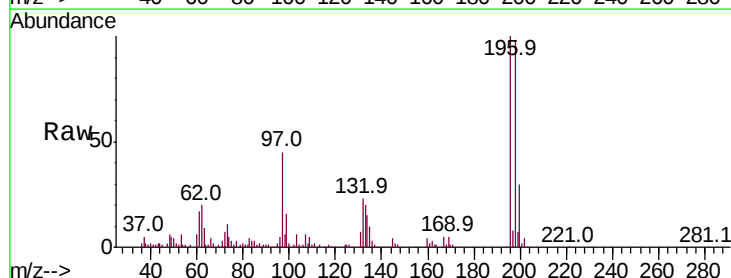
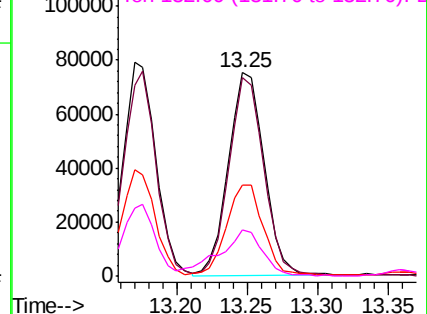
Abundance

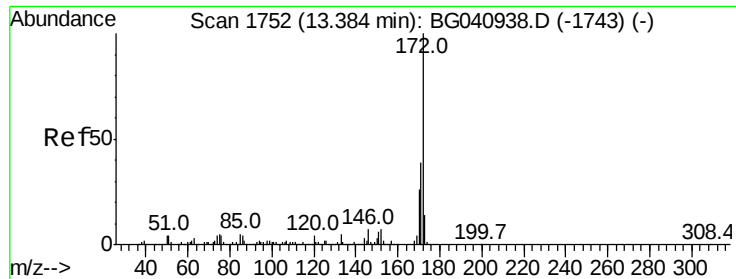
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



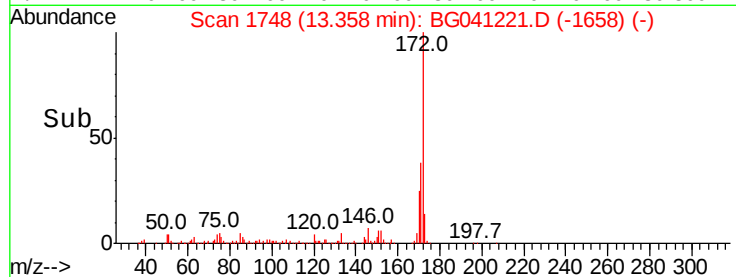
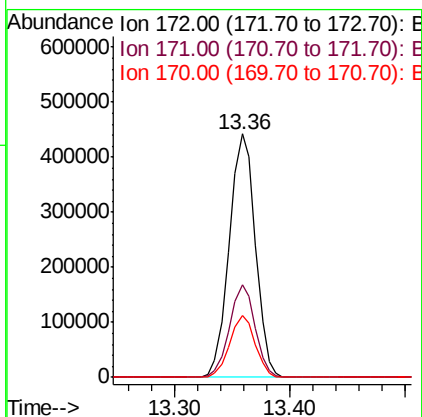
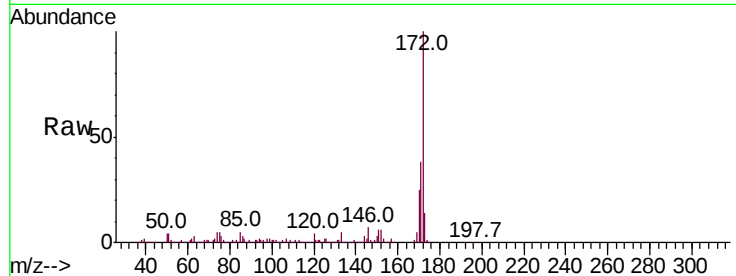


#45
2-Fluorobiphenyl
Concen: 79.246 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

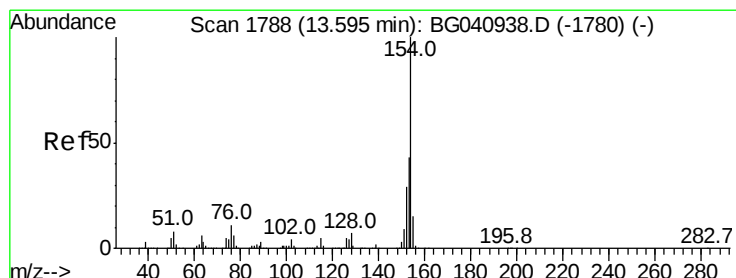
Tot Ion:	172	Resp:	691612
Ion Ratio	Lower	Upper	
172	100		
171	38.1	31.1	46.7
170	25.4	20.5	30.7

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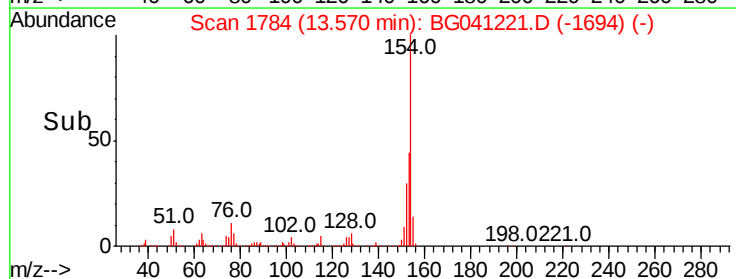
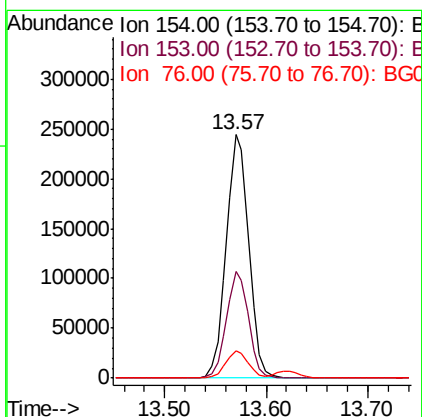
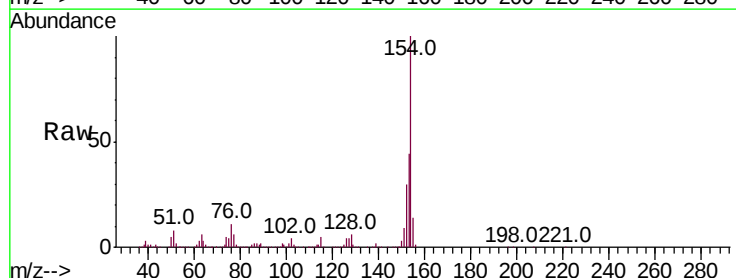
mohammad

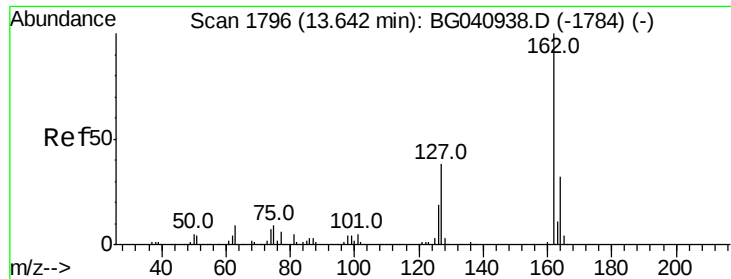
6/14/2019 8:37:06 AM



#46
1,1'-Biphenyl
Concen: 40.364 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	154	Resp:	375525
Ion Ratio	Lower	Upper	
154	100		
153	43.7	23.3	63.3
76	11.2	0.0	31.1



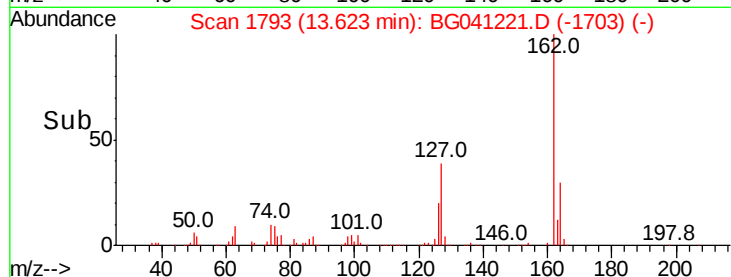
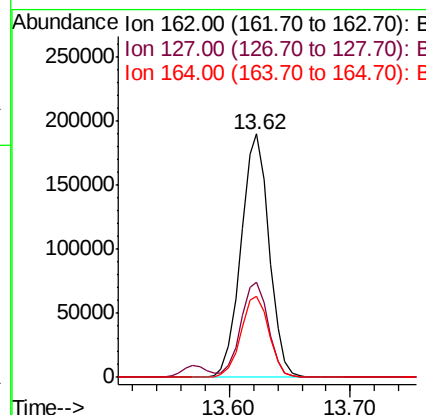
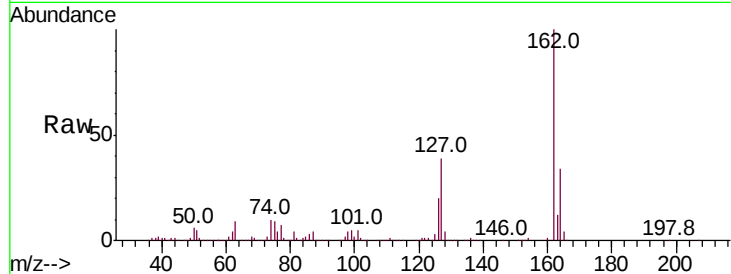


#47
 2-Chloronaphthalene
 Concen: 38.607 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

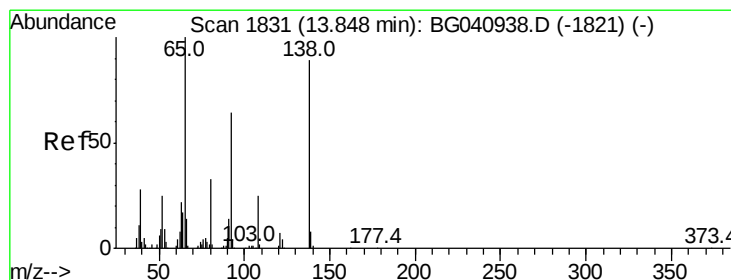
Tot Ion:	162	Resp:	308346
Ion Ratio	Lower	Upper	
162	100		
127	38.8	30.5	45.7
164	33.5	25.8	38.6

Manual Integrations
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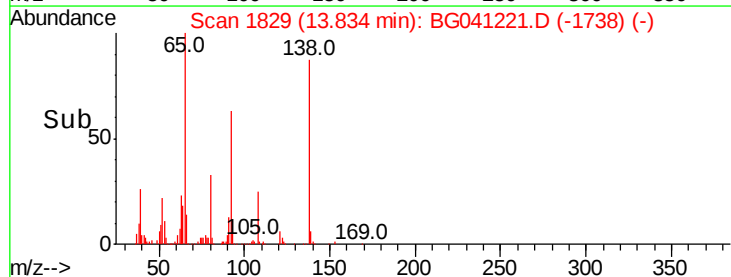
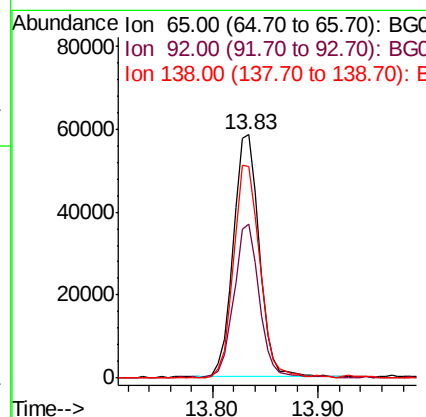
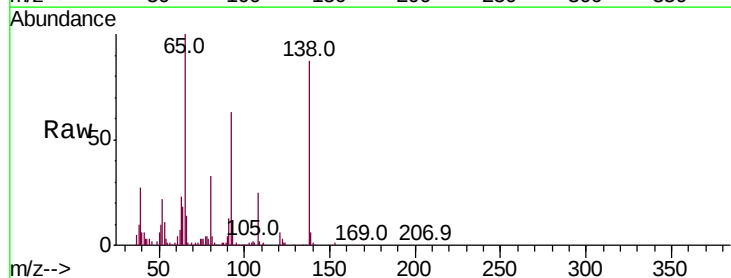
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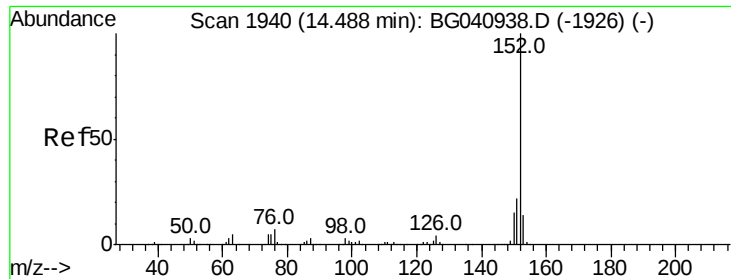
6/14/2019 8:37:06 AM



#48
 2-Nitroaniline
 Concen: 34.284 ng
 RT: 13.83 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion:	65	Resp:	98233
Ion Ratio	Lower	Upper	
65	100		
92	63.1	51.0	76.6
138	87.1	71.2	106.8





#49

Acenaphthylene

Concen: 39.240 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

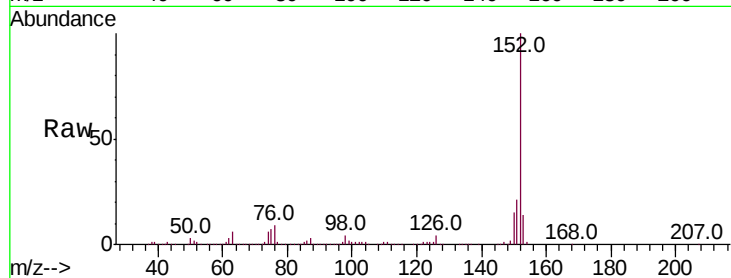
BNA_G

ClientSampleId :

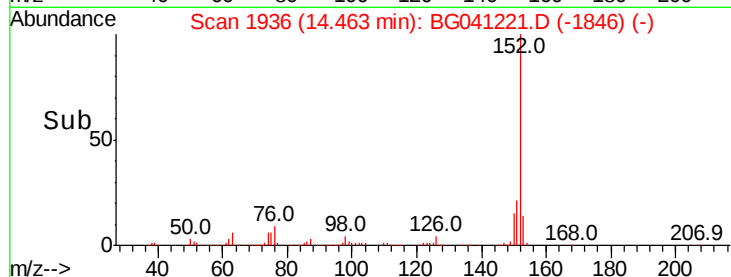
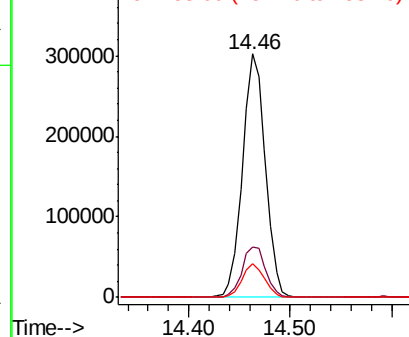
TI-658MSD

Tot Ion:	152	Resp:	471685
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.4	26.0
153	13.7	11.0	16.4

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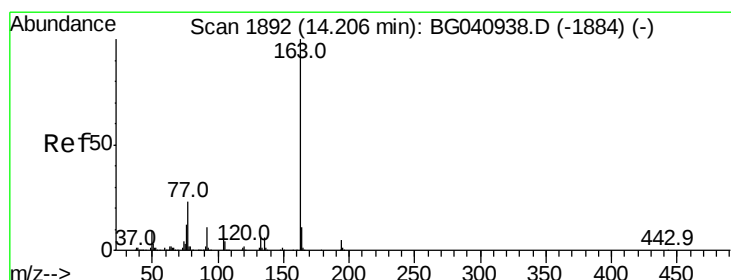


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 42.178 ng

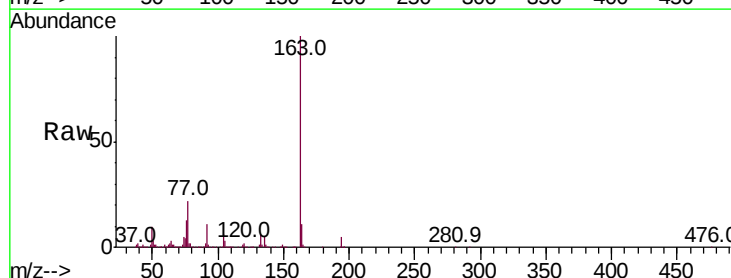
RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

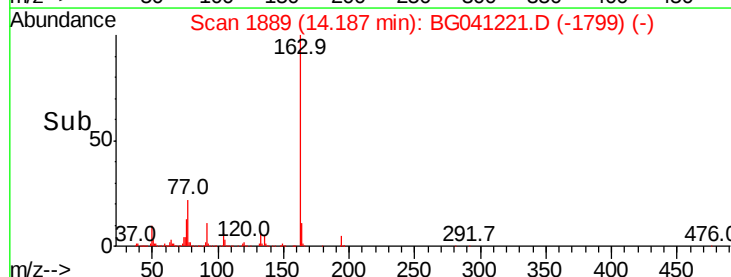
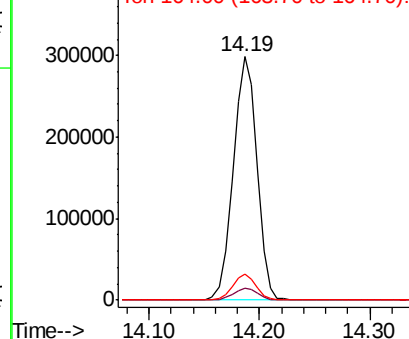
Lab File: BG041221.D

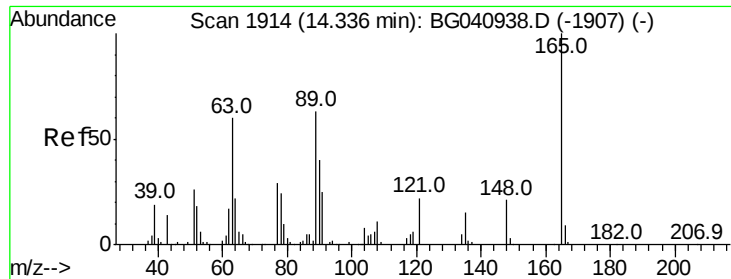
Acq: 13 Jun 2019 00:34

Tgt Ion:	163	Resp:	448736
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.8	5.8
164	10.9	8.7	13.1



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



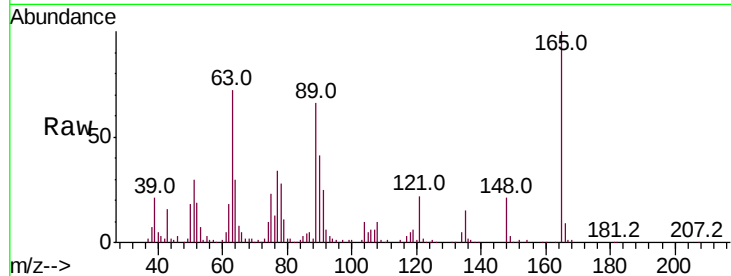


#51
2,6-Dinitrotoluene
Concen: 38.039 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

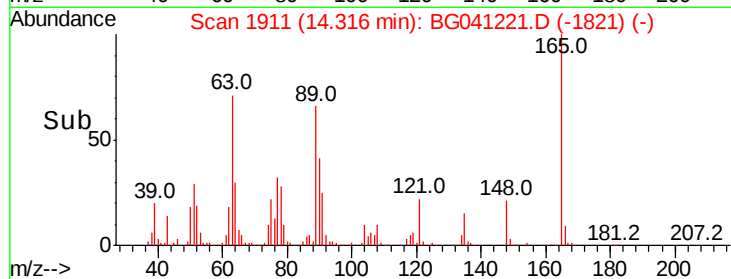
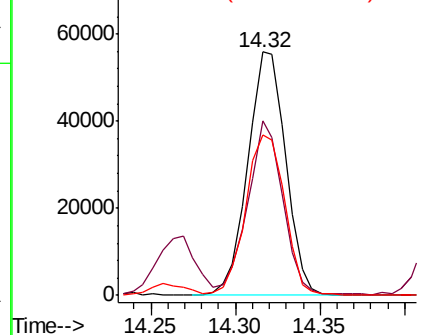
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	71.5	53.6	80.4
89	66.0	50.4	75.6

Manual Integrations
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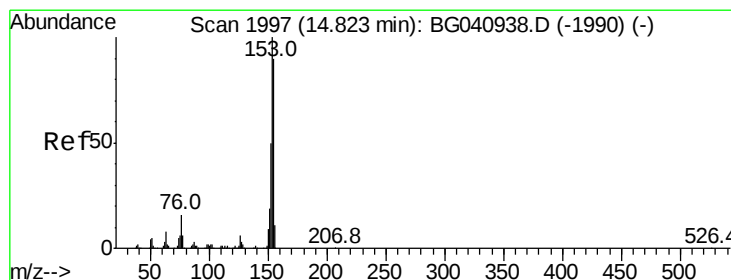


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC



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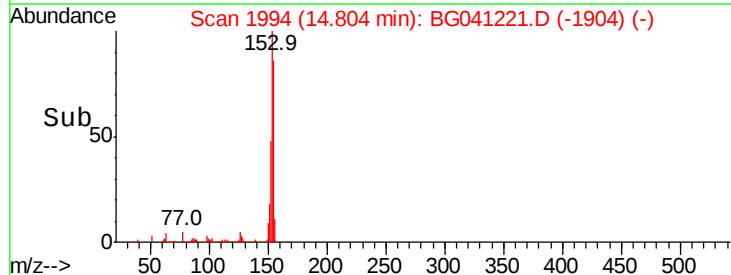
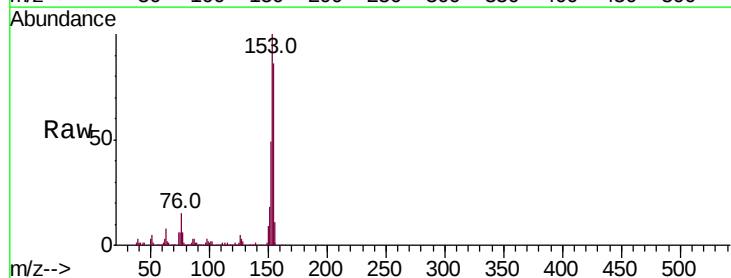
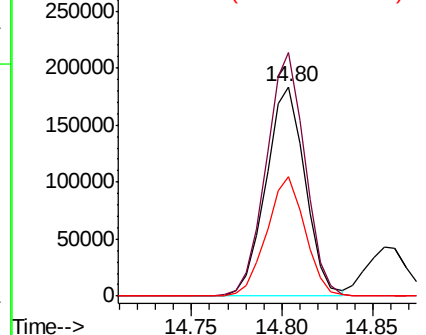
6/14/2019 8:37:06 AM

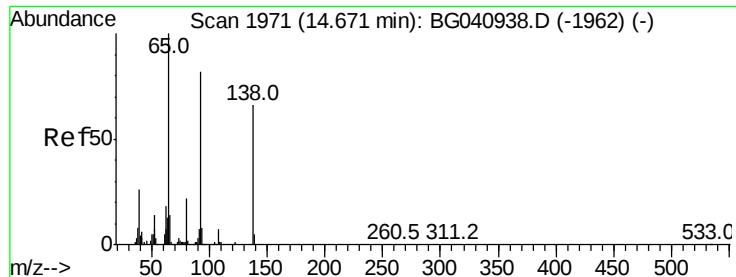


#52
Acenaphthene
Concen: 37.693 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.4	88.6	133.0
152	57.0	44.2	66.4

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



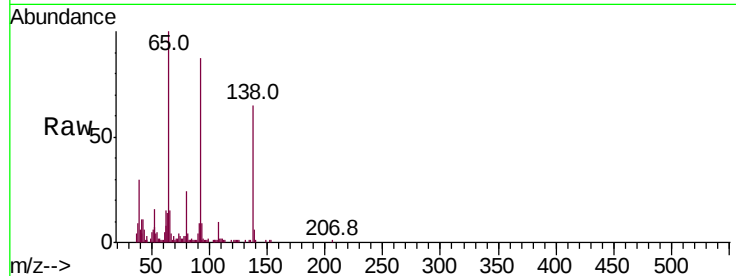


#53
3-Nitroaniline
Concen: 13.122 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	16.0	8.5	12.7#
92	133.4	99.0	148.6

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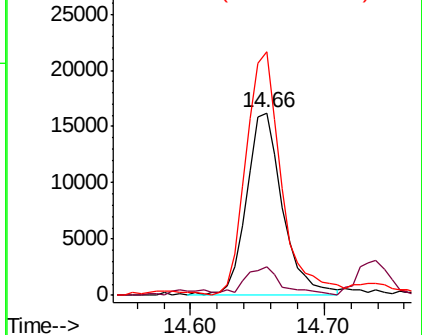


Abundance

Ion 138.00 (137.70 to 138.70): E

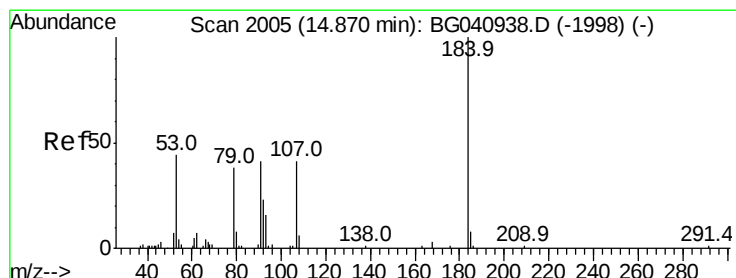
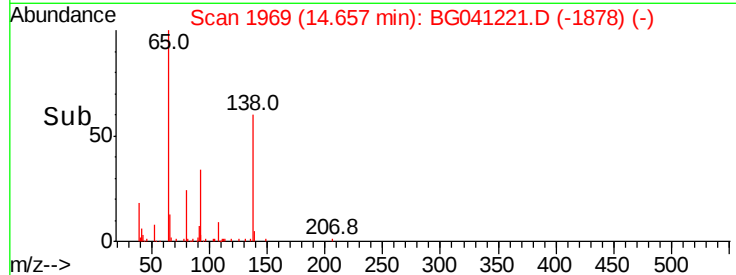
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



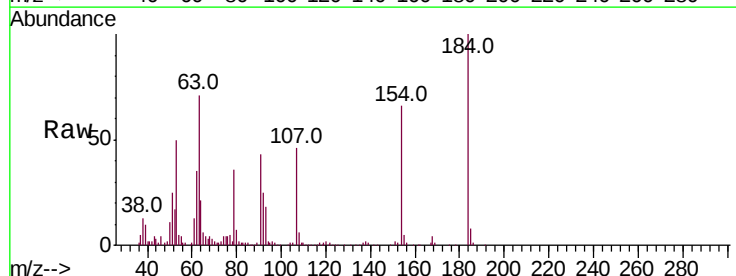
mohammad

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#54
2,4-Dinitrophenol
Concen: 87.859 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.4	49.8	74.6
154	66.5	52.2	78.4

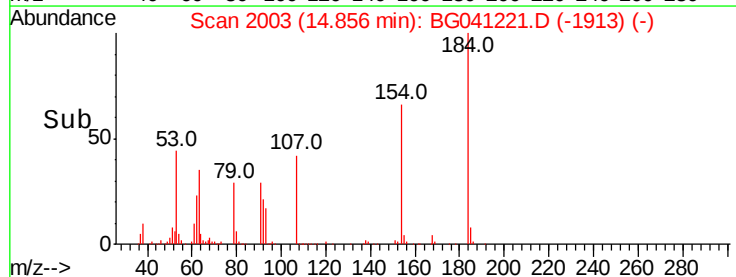
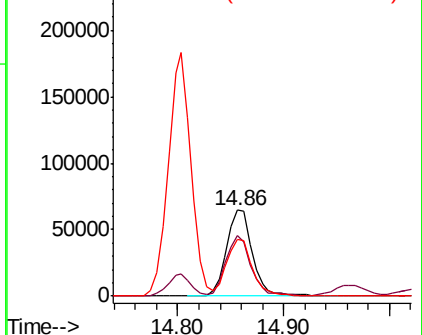


Abundance

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

Dibenzofuran

Concen: 39.454 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

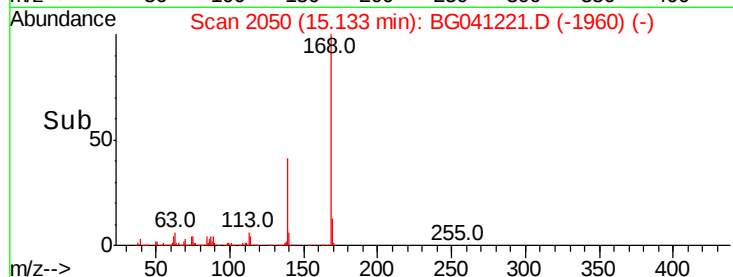
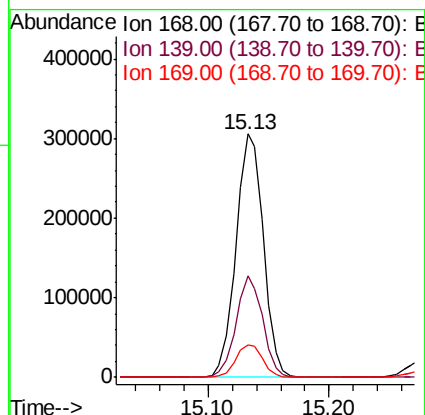
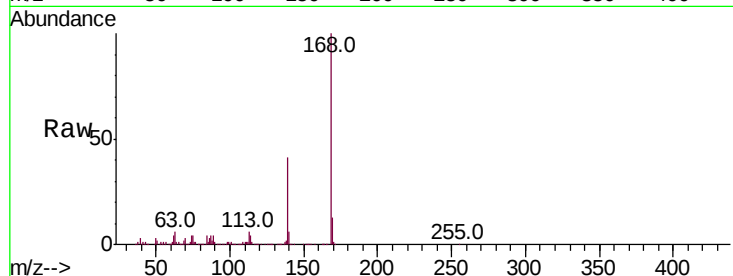
BNA_G

ClientSampleId :

TI-658MSD

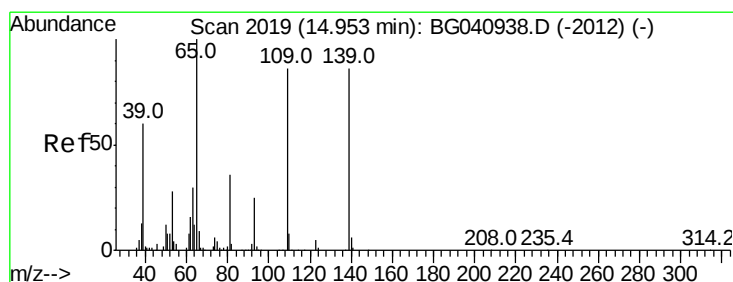
Tot Ion:	168	Resp:	483429
Ion Ratio	Lower	Upper	
168	100		
139	41.5	32.8	49.2
169	13.4	11.3	16.9

Manual Integrations
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#56

4-Nitrophenol

Concen: 28.341 ng

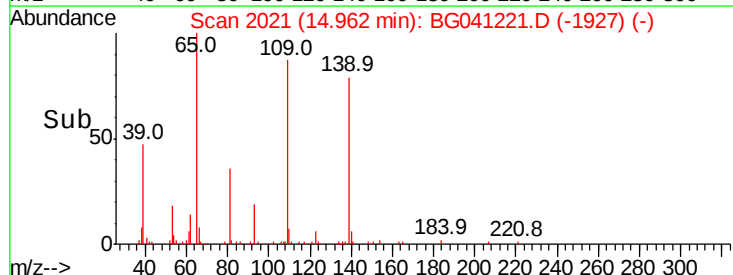
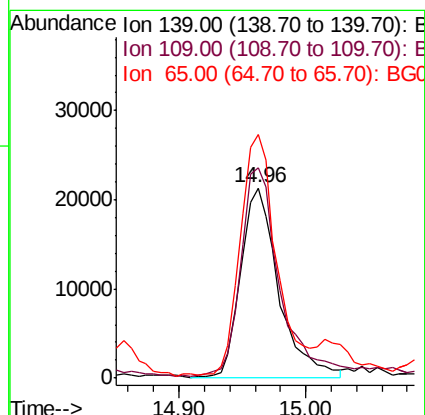
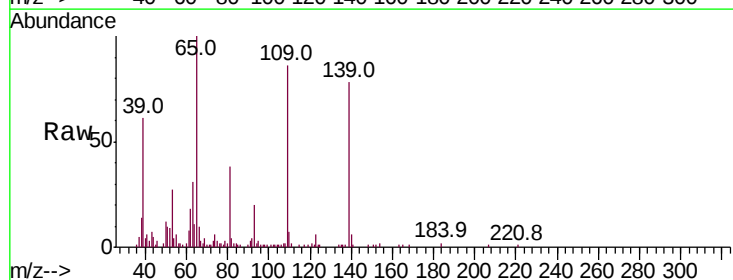
RT: 14.96 min Scan# 2021

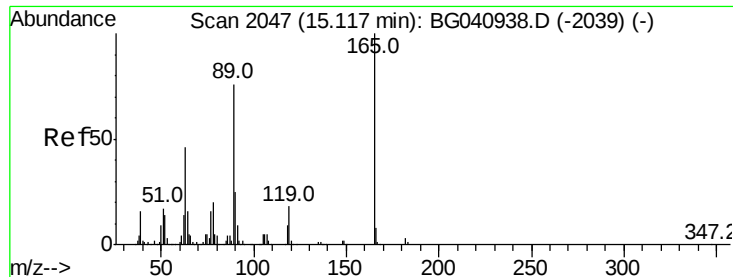
Delta R.T. 0.02 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Tgt Ion:	139	Resp:	44590
Ion Ratio	Lower	Upper	
139	100		
109	110.4	79.6	119.6
65	128.0	96.9	136.9



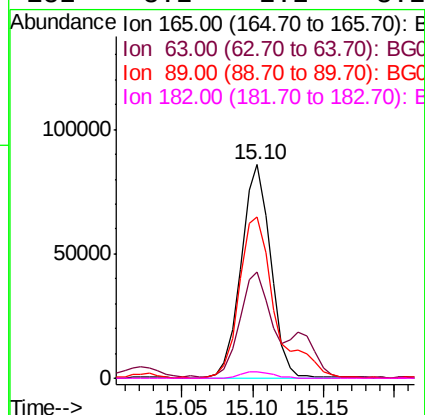
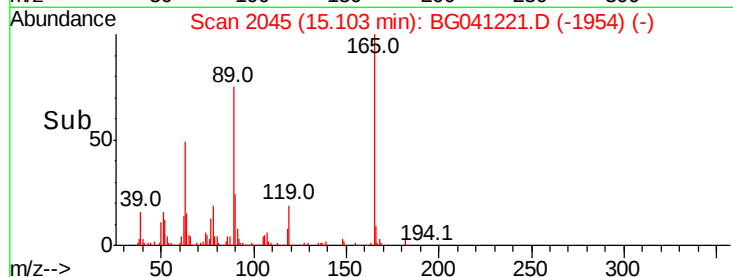
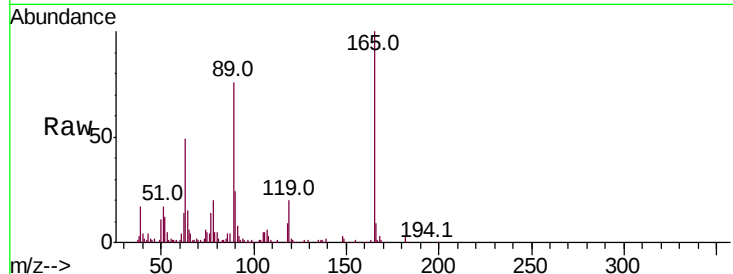


#57
2,4-Dinitrotoluene
Concen: 38.930 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

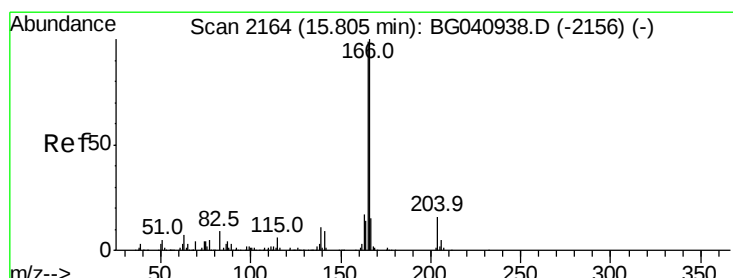
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.5	37.3	55.9	
89	75.5	61.0	91.6	
182	3.2	2.2	3.2	

Manual Integrations
APPROVED



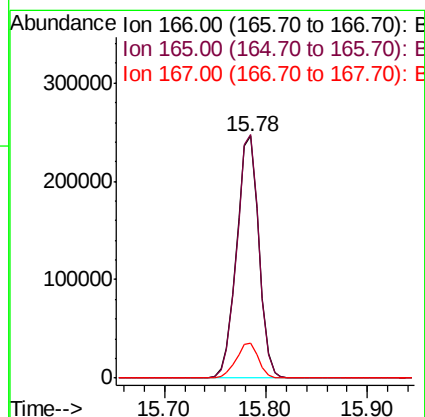
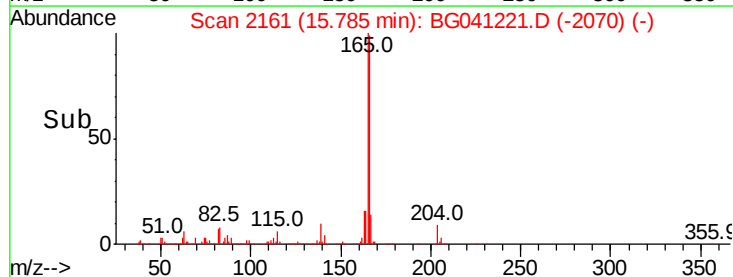
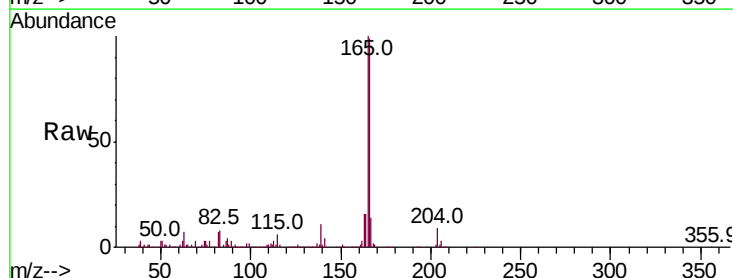
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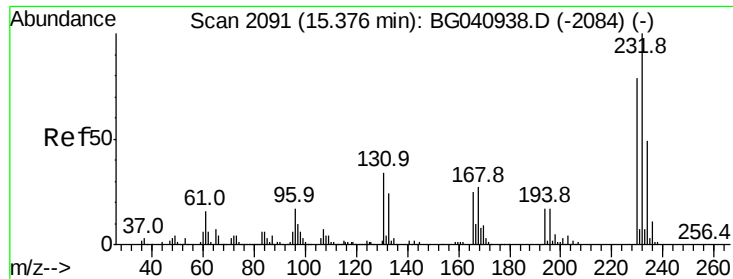
6/14/2019 8:37:06 AM



#58
Fluorene
Concen: 38.395 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.7	79.2	118.8	
167	14.3	11.8	17.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.894 ng

RT: 15.36 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

Tot Ion:232 Resp: 142292
Ion Ratio Lower Upper

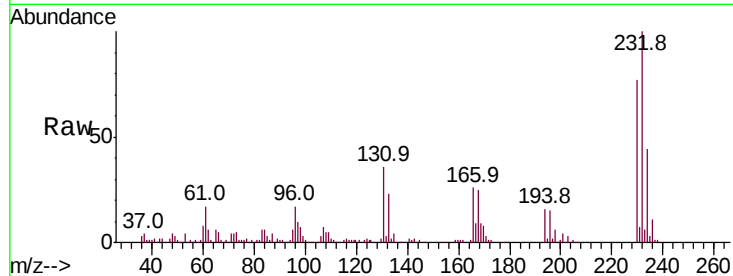
232 100

131 35.7 30.3 45.5

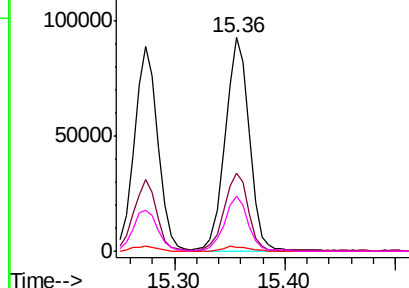
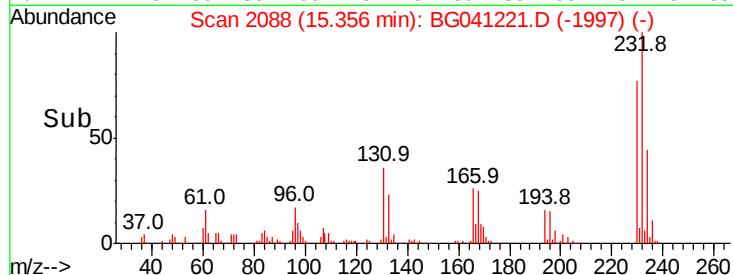
130 2.1 1.8 2.8

166 24.8 21.3 31.9

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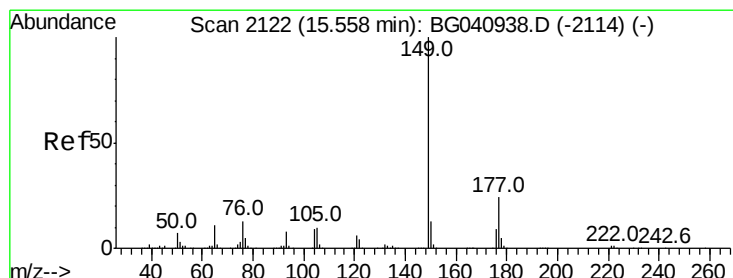


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



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#60

Diethylphthalate

Concen: 37.579 ng

RT: 15.54 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG041221.D

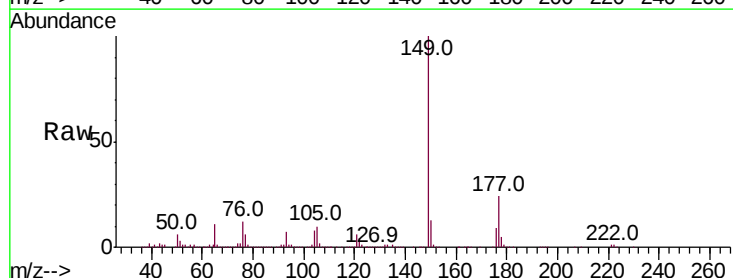
Acq: 13 Jun 2019 00:34

Tgt Ion:149 Resp: 408018
Ion Ratio Lower Upper

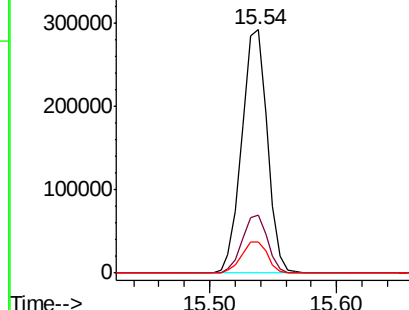
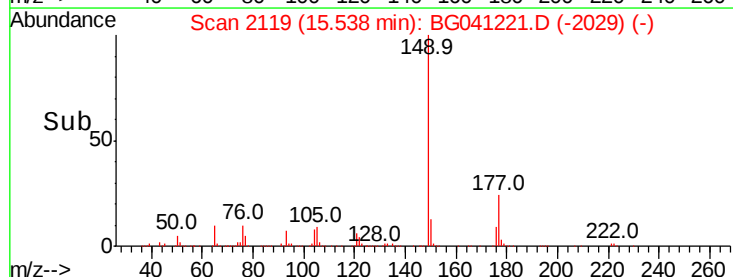
149 100

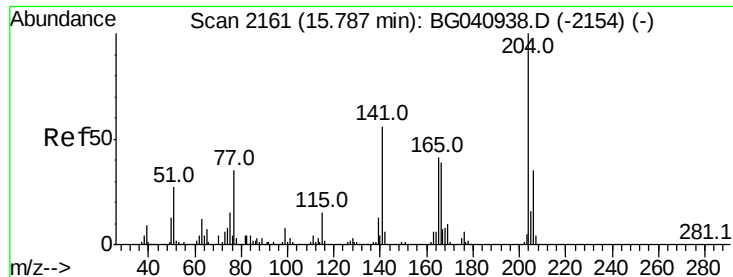
177 23.7 19.4 29.0

150 12.8 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 37.057 ng

RT: 15.77 min Scan# 2158

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

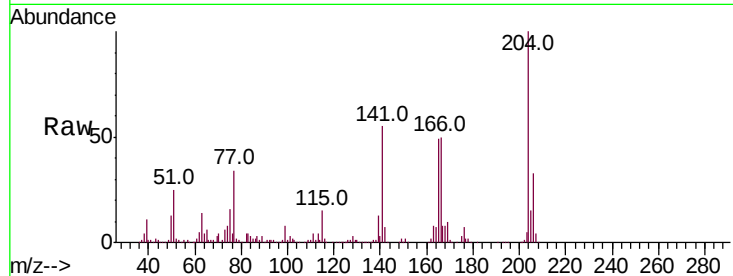
BNA_G

ClientSampleId :

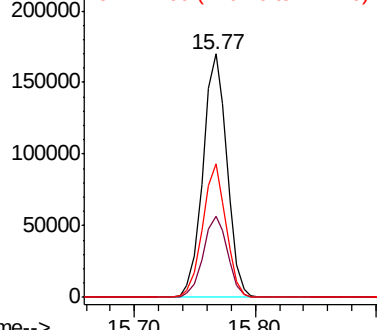
TI-658MSD

Tot Ion:	204	Resp:	235041
Ion Ratio	Lower	Upper	
204	100		
206	33.1	27.6	41.4
141	54.8	45.1	67.7

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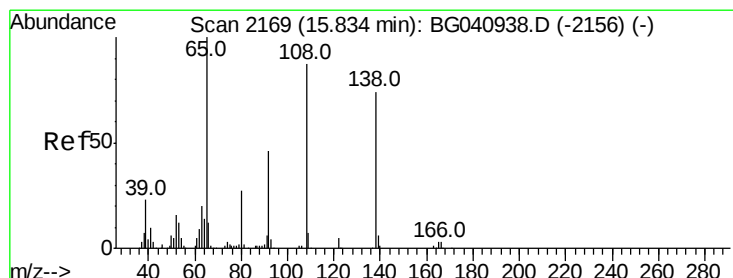
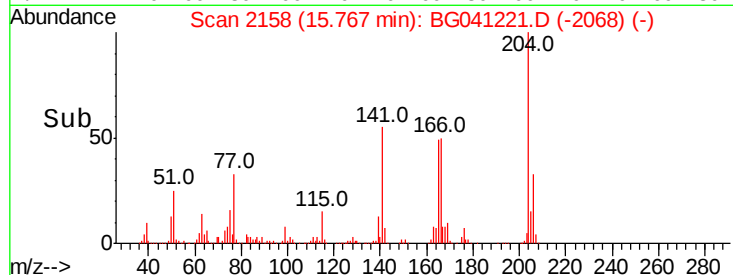


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



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#62

4-Nitroaniline

Concen: 21.827 ng

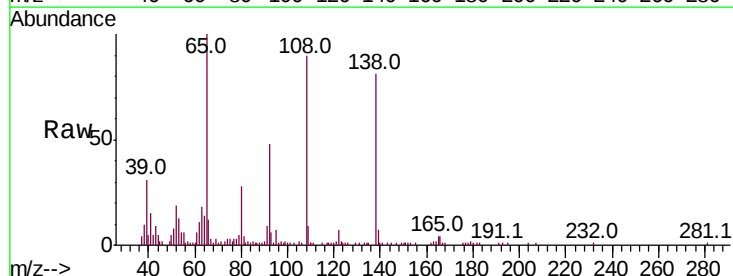
RT: 15.82 min Scan# 2167

Delta R.T. 0.01 min

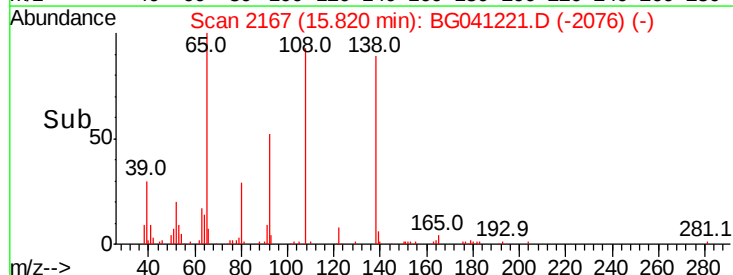
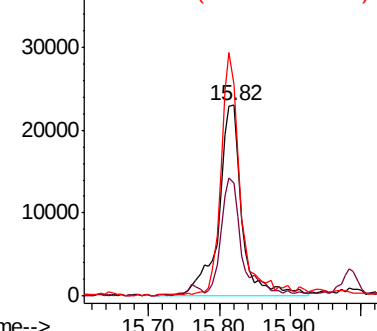
Lab File: BG041221.D

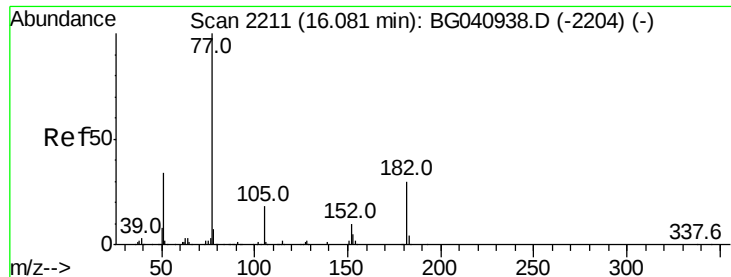
Acq: 13 Jun 2019 00:34

Tgt Ion:	138	Resp:	53004
Ion Ratio	Lower	Upper	
138	100		
92	59.0	42.4	82.4
108	111.0	96.9	136.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E



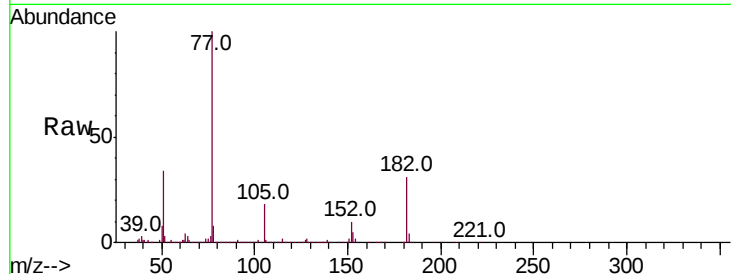


#63
Azobenzene
Concen: 37.729 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

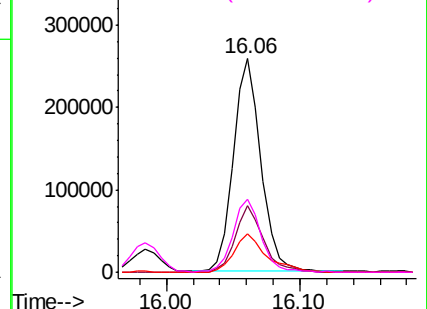
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	9.6	49.6
105	18.2	0.0	37.5
51	34.4	13.7	53.7

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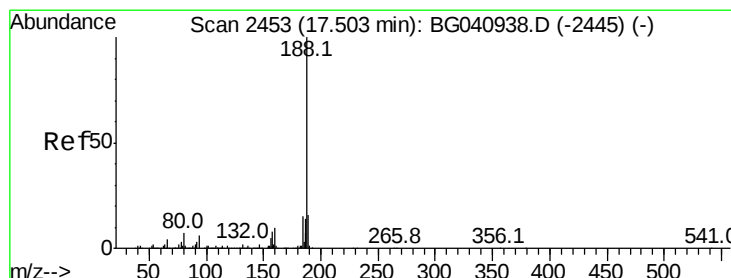
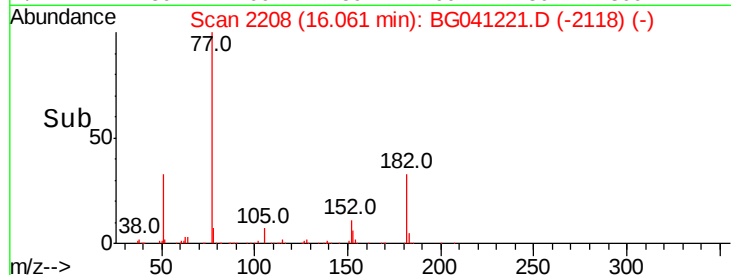


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



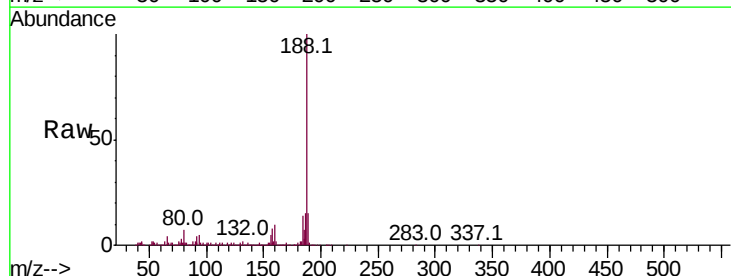
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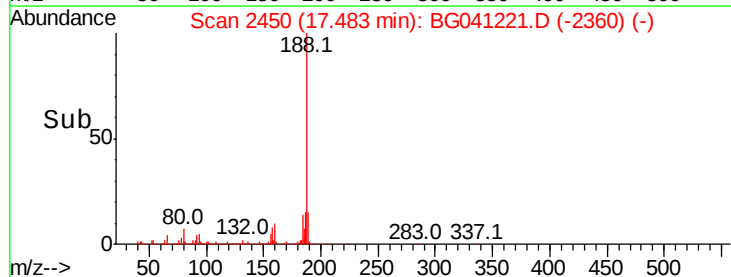
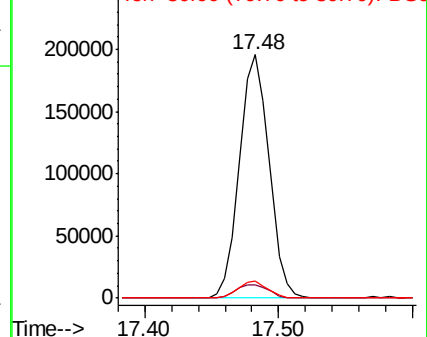


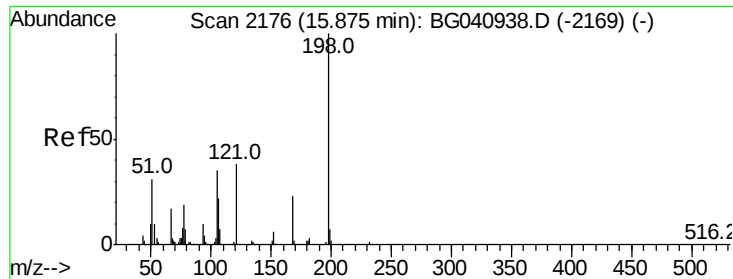
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.7	7.1
80	7.9	5.8	8.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.239 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

Instrument :

BNA_G

ClientSampleId :

TI-658MSD

Tot Ion:198 Resp: 74098

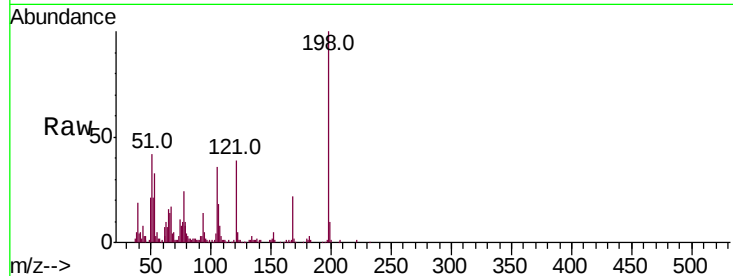
Ion Ratio Lower Upper

198 100

51 41.6 21.6 61.6

105 35.7 17.5 57.5

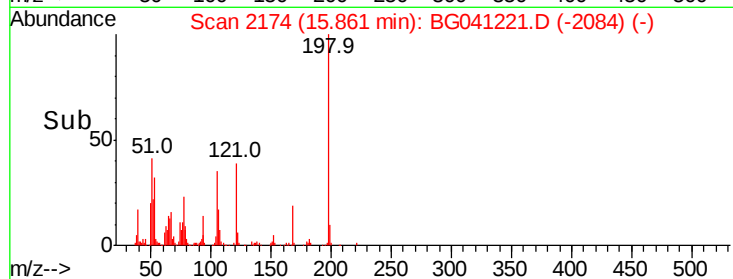
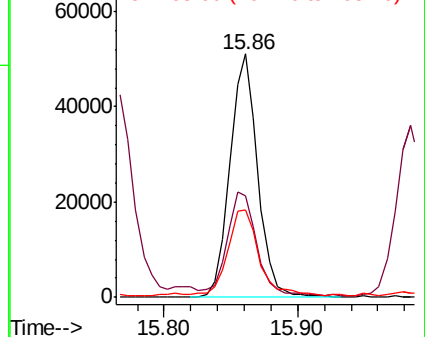
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Abundance Ion 198.00 (197.70 to 198.70): E

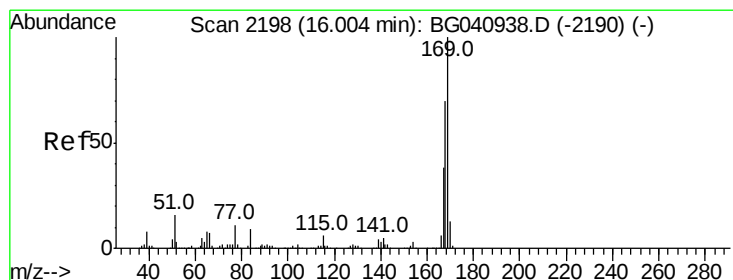
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



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#66

n-Nitrosodiphenylamine

Concen: 40.348 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041221.D

Acq: 13 Jun 2019 00:34

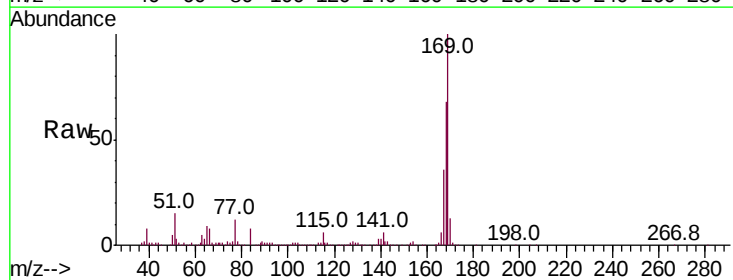
Tgt Ion:169 Resp: 342029

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

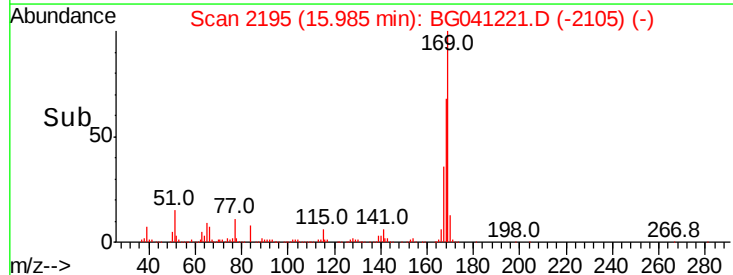
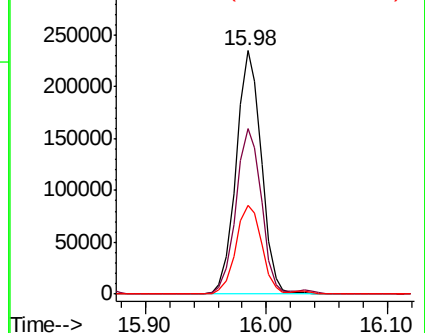
167 36.3 30.2 45.2

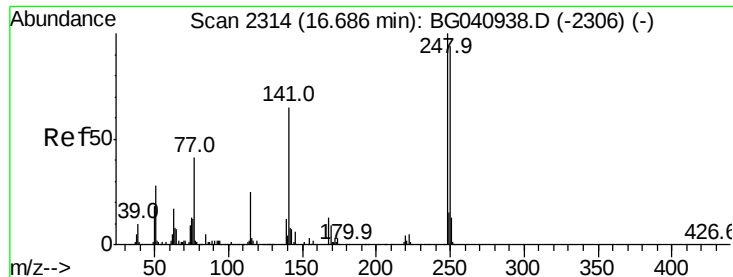


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



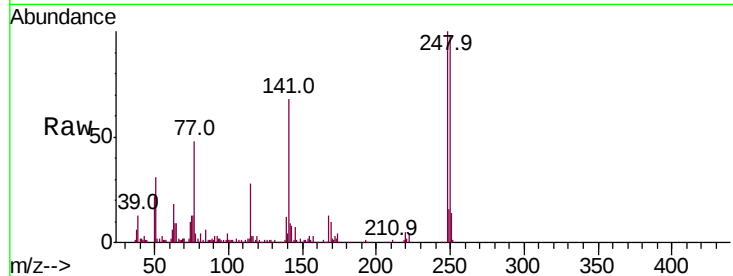


#67
4-Bromophenyl-phenylether
Concen: 37.311 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.0	112.4
141	67.6	52.4	78.6

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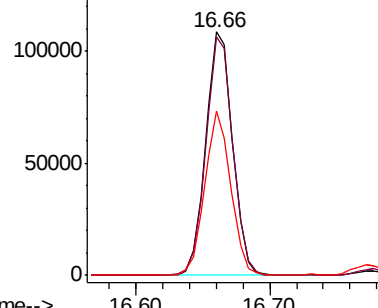


Abundance

Ion 248.00 (247.70 to 248.70): E

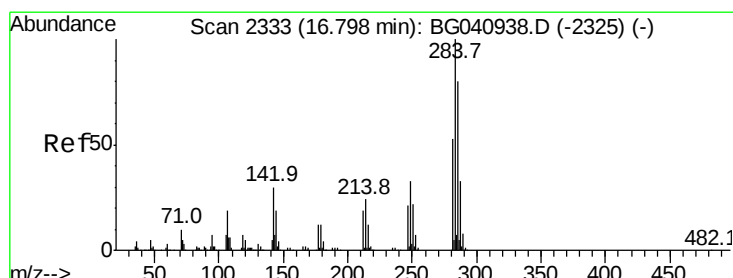
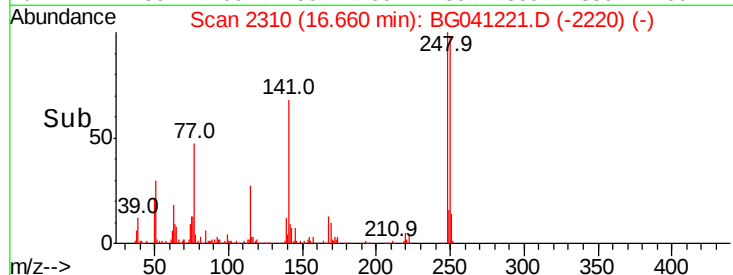
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#68
Hexachlorobenzene
Concen: 37.172 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

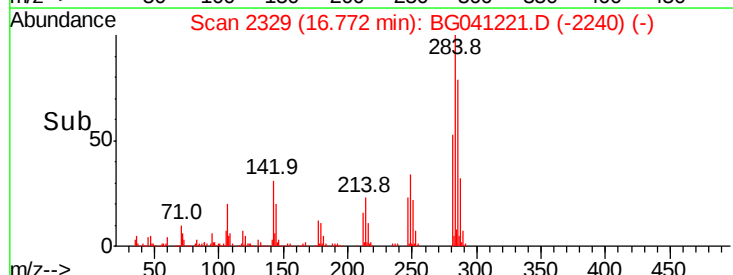
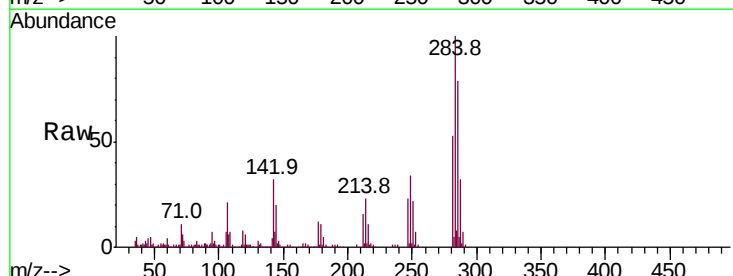
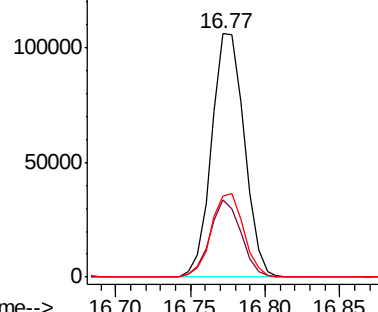
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	23.9	35.9
249	33.5	26.8	40.2

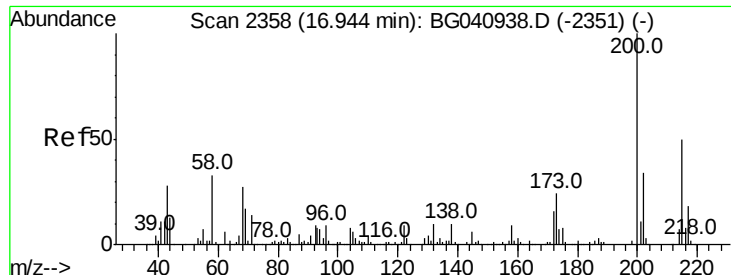
Abundance

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



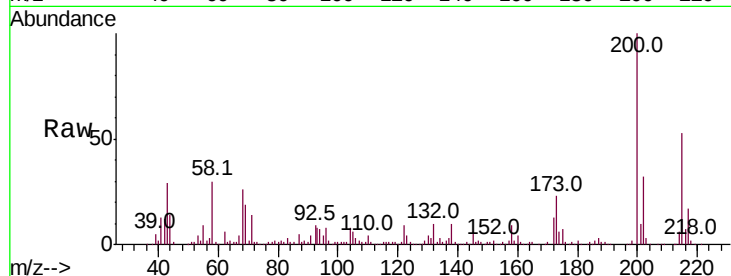


#69
Atrazine
Concen: 43.407 ng
RT: 16.93 min Scan# 2356
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

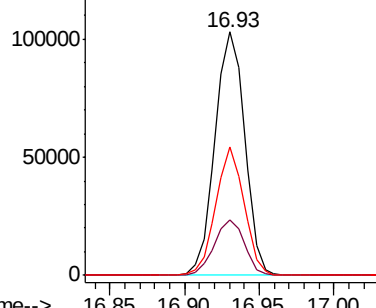
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	3.6	43.6
215	52.8	29.6	69.6

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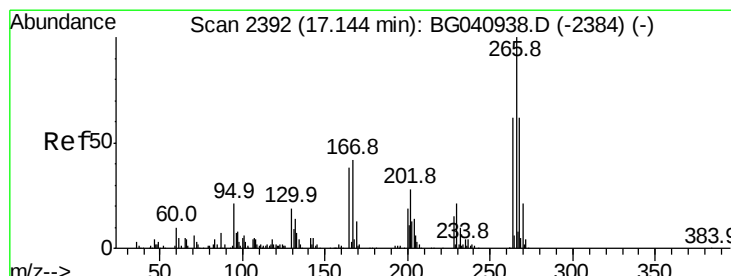
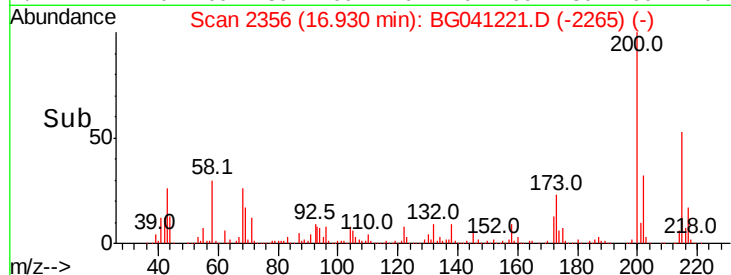


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



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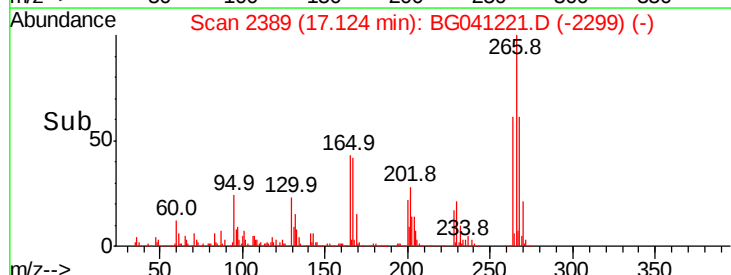
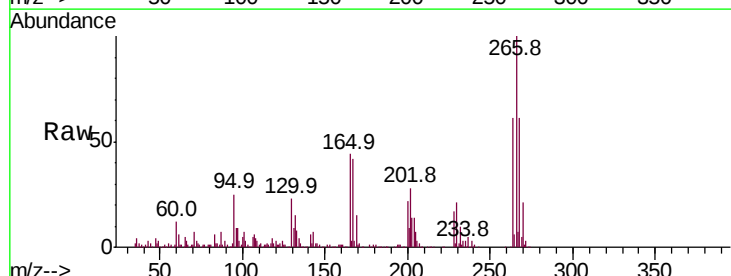
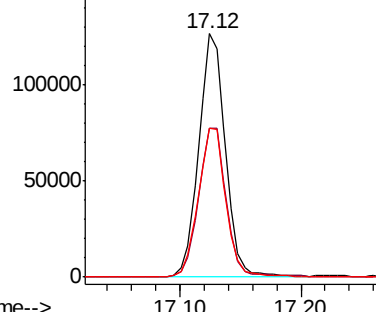
6/14/2019 8:37:06 AM

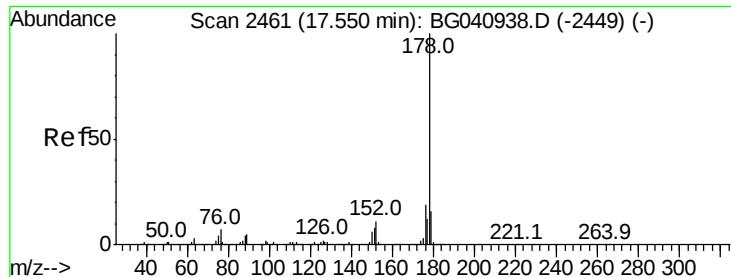


#70
Pentachlorophenol
Concen: 83.251 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.4	53.1	79.7
264	61.1	49.9	74.9

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



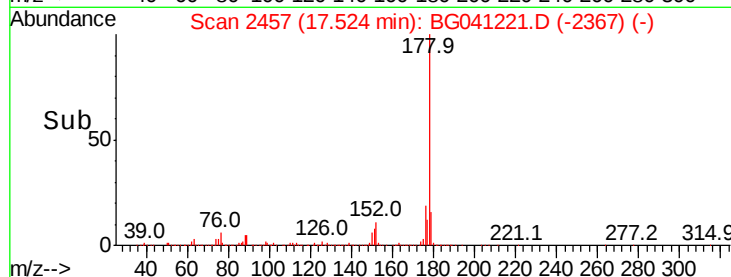
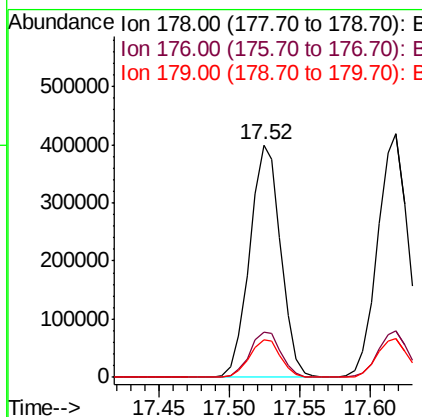
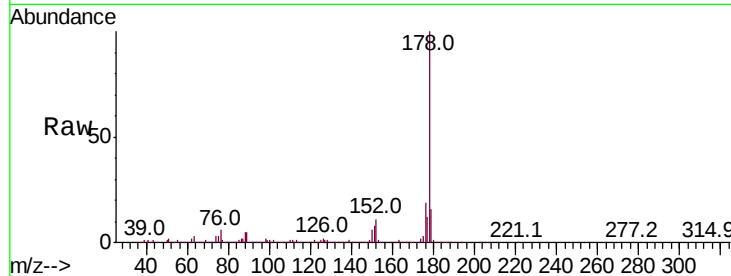


#71
Phenanthrene
Concen: 39.401 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

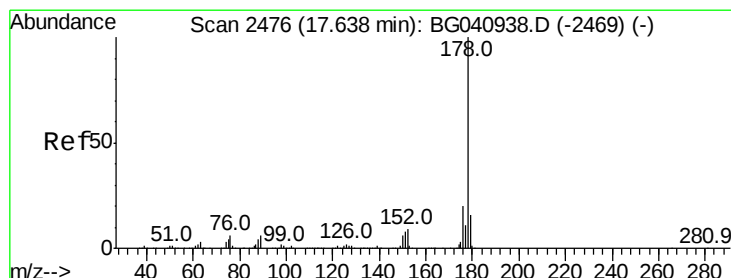
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	16.4	12.7	19.1

Manual Integrations
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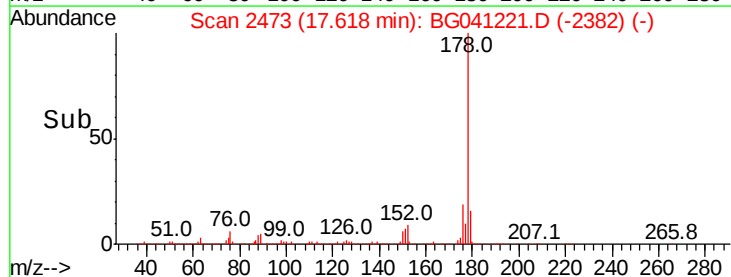
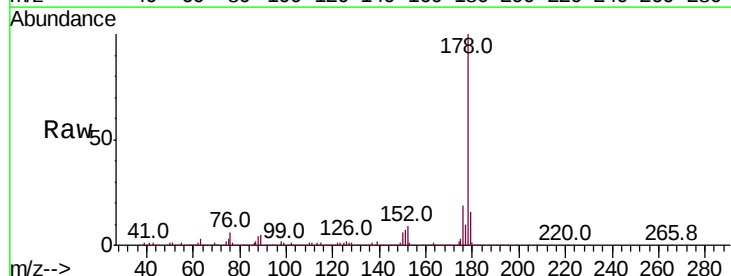
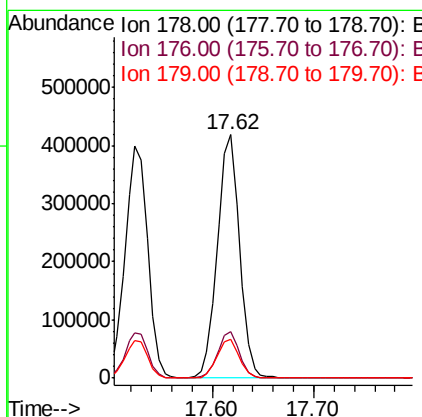
mohammad

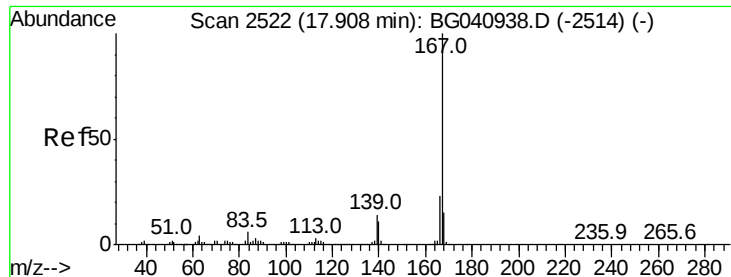
6/14/2019 8:37:06 AM



#72
Anthracene
Concen: 40.979 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	16.2	13.0	19.4



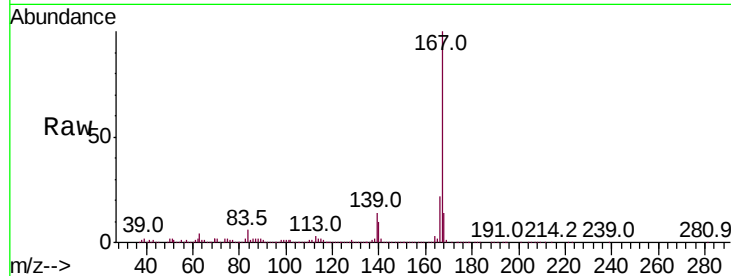


#73
 Carbazole
 Concen: 41.402 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

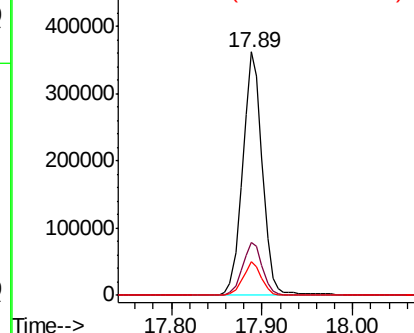
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tot Ion:	167	Resp:	550333
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.2	27.4
139	13.7	10.8	16.2

Manual Integrations
 APPROVED

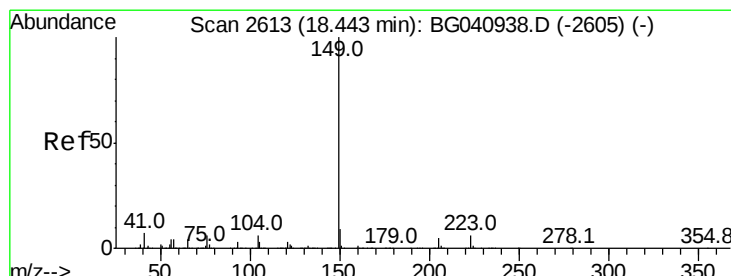
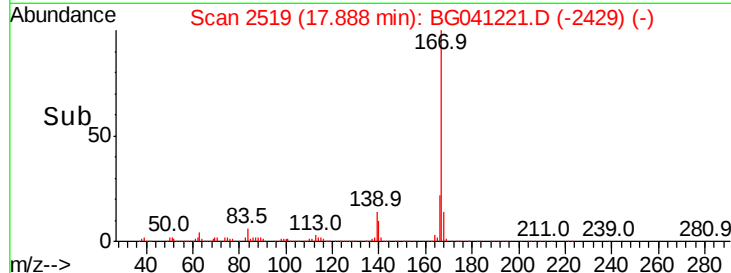


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



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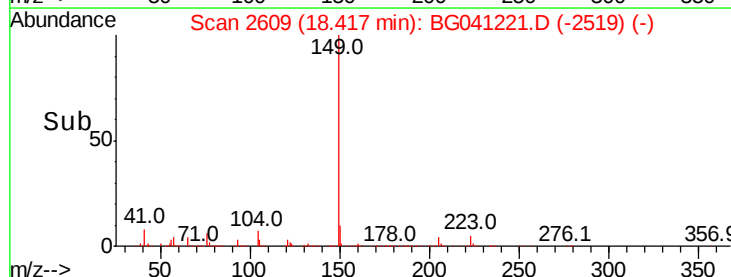
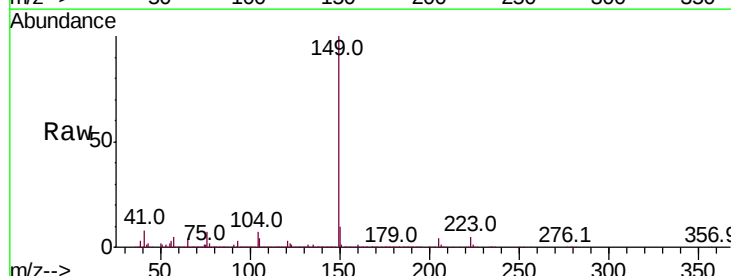
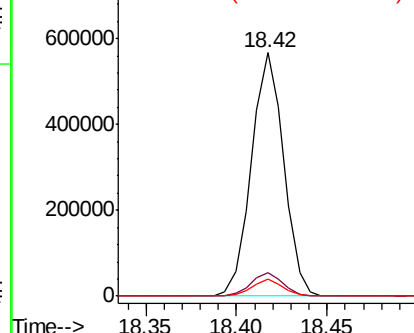
6/14/2019 8:37:06 AM

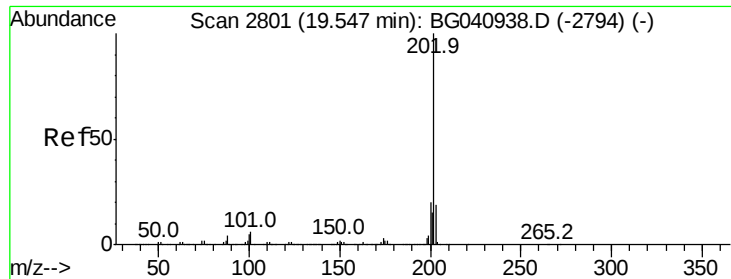


#74
 Di-n-butylphthalate
 Concen: 42.394 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion:	149	Resp:	700399
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.4	11.2
104	7.1	5.0	7.4

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



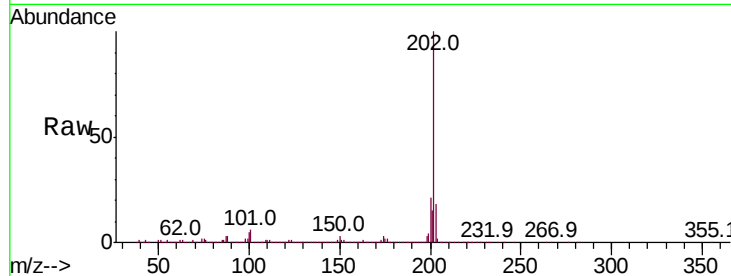


#75
 Fluoranthene
 Concen: 40.893 ng
 RT: 19.53 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

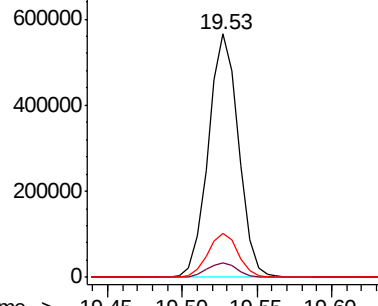
Instrument :
 BNA_G
 ClientSampleId :
 TI-658MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.8	0.0	26.2
203	18.2	0.0	38.7

Manual Integrations
 APPROVED

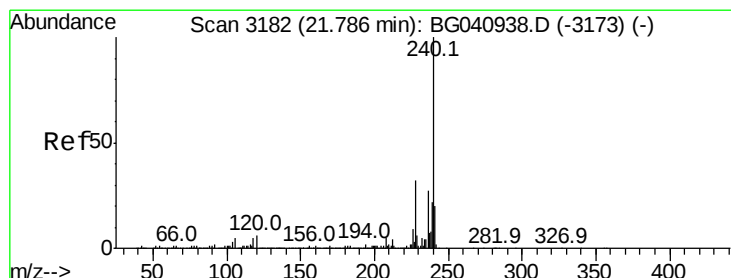
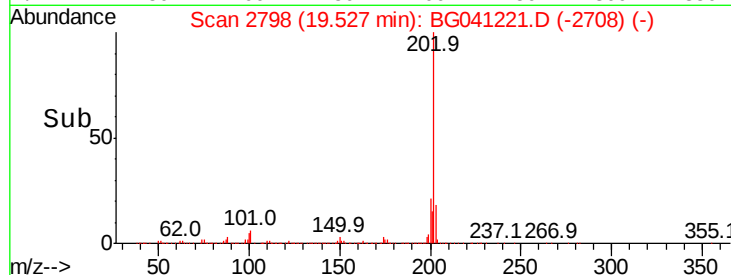


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



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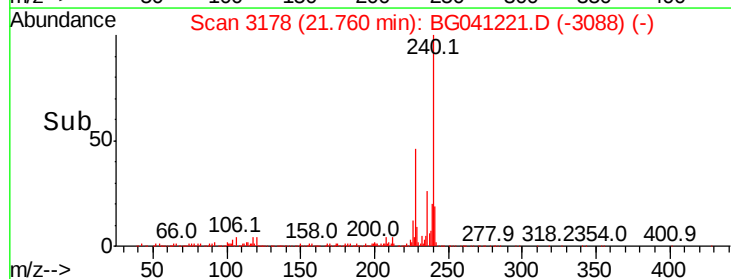
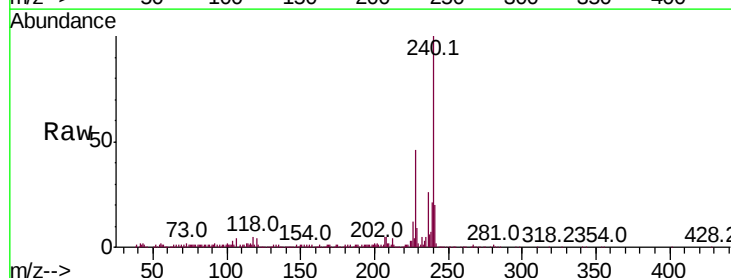
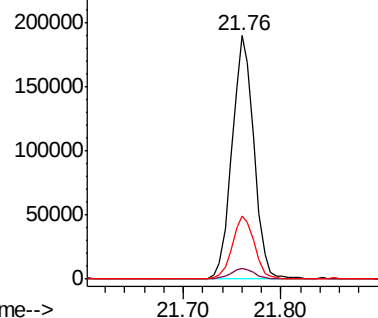
6/14/2019 8:37:06 AM

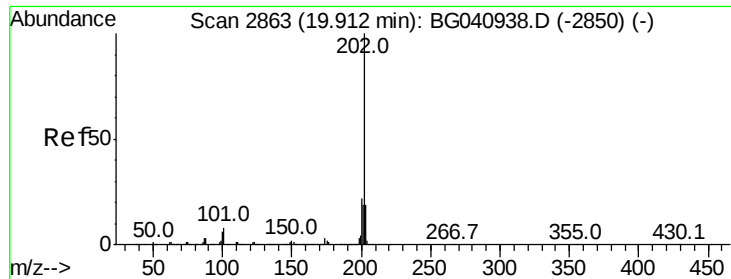


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. 0.00 min
 Lab File: BG041221.D
 Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.4	4.5	6.7#
236	26.1	21.3	31.9

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



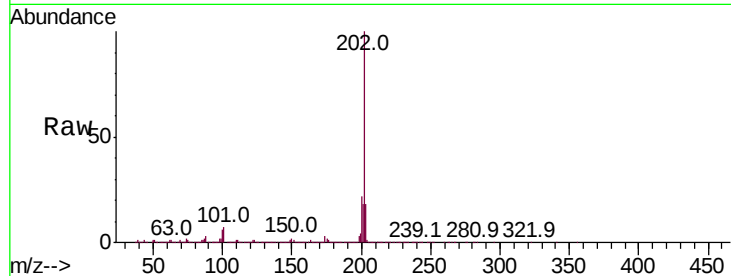


#78
Pvrene
Concen: 40.673 ng
RT: 19.89 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

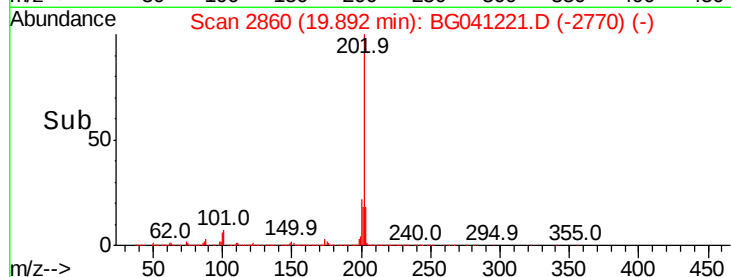
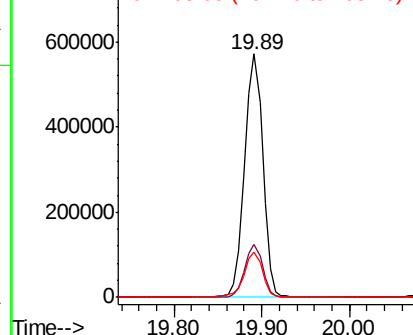
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.5	26.3
203	18.4	15.6	23.4

Manual Integrations
APPROVED

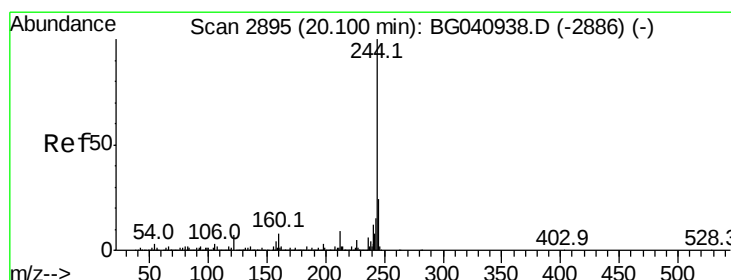


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



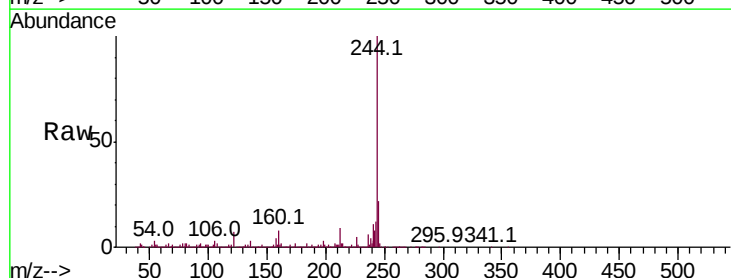
mohammad

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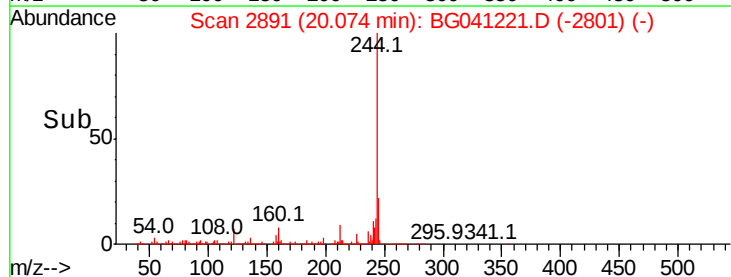
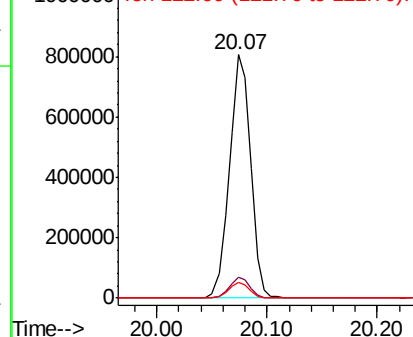


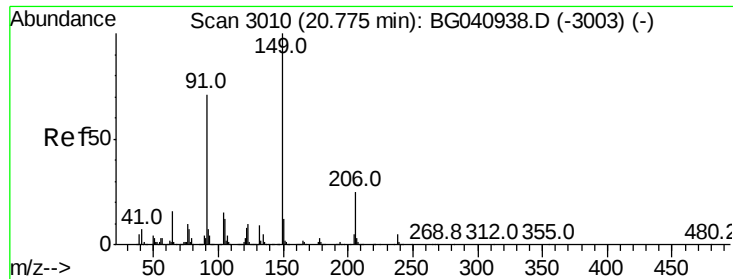
#79
Terphenyl-d14
Concen: 76.158 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	7.0	10.4
122	6.6	5.4	8.0



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



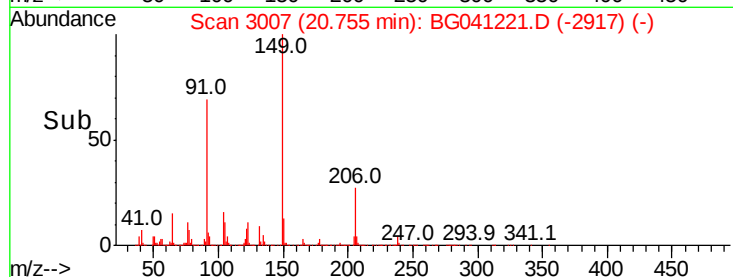
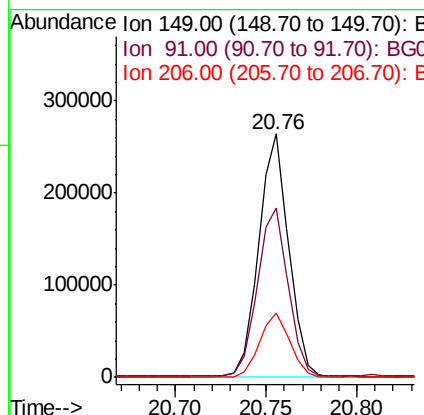
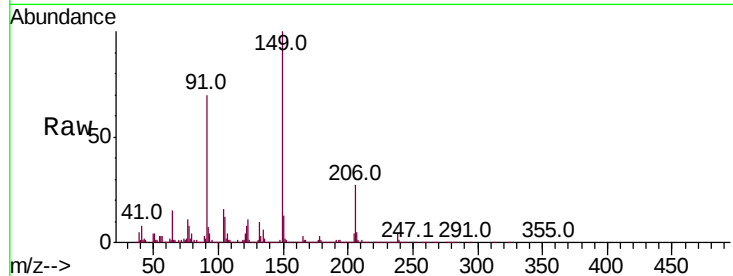


#80
Butylbenzylphthalate
Concen: 39.403 ng
RT: 20.76 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

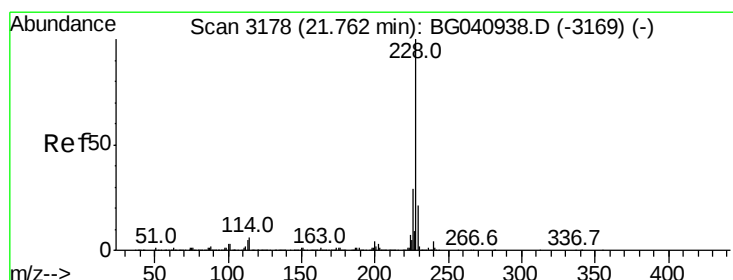
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.5	84.7
206	26.7	20.3	30.5

Manual Integrations
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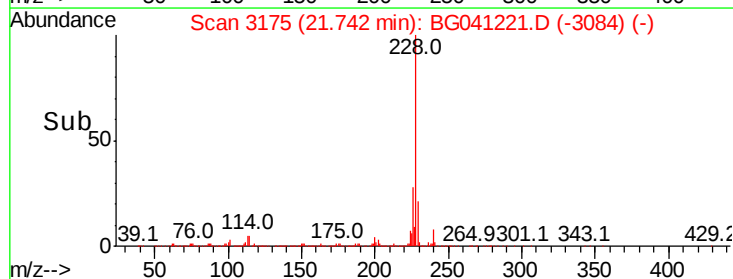
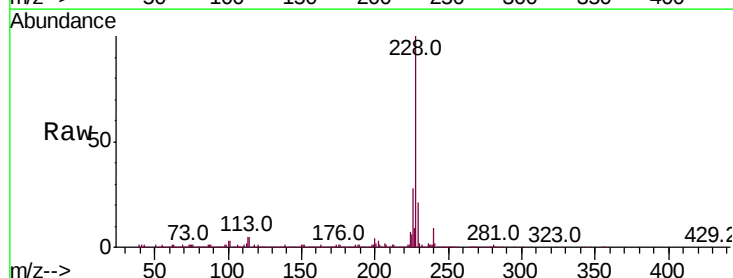
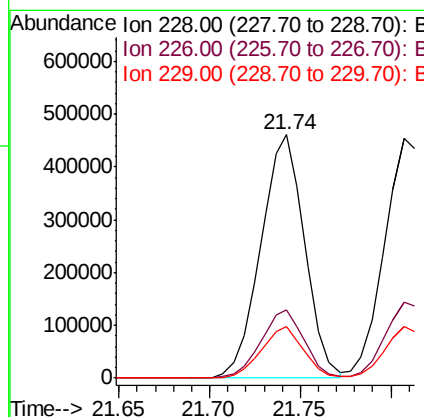
mohammad

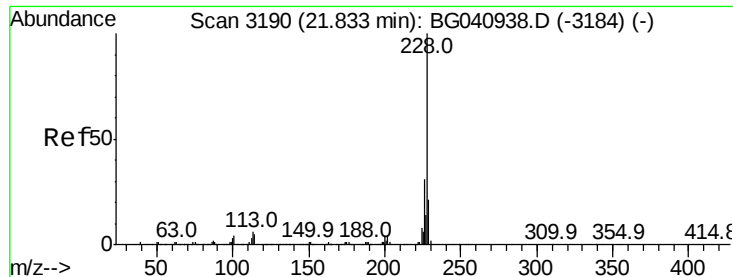
6/14/2019 8:37:06 AM



#81
Benzo(a)anthracene
Concen: 38.692 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.5	35.3
229	21.3	16.7	25.1



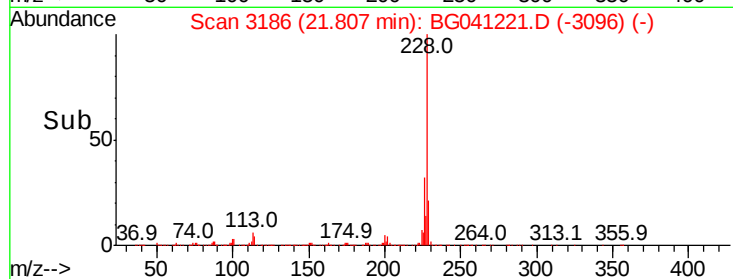
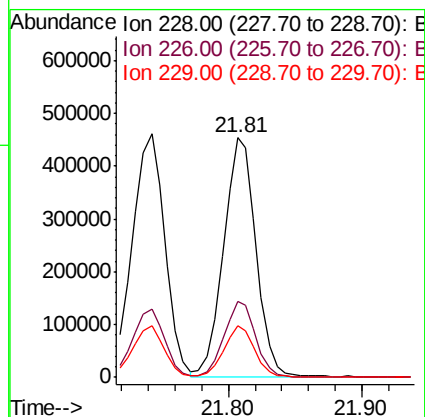
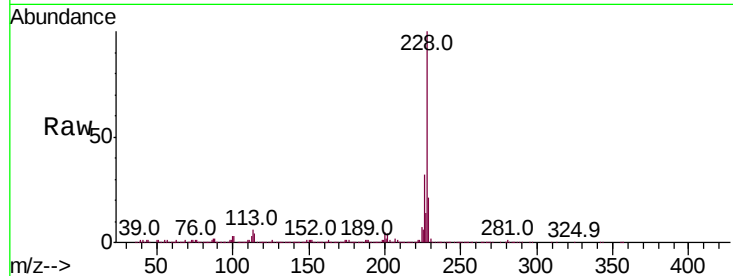


#83
Chrysene
Concen: 39.935 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Instrument :
BNA_G
ClientSampleId :
TI-658MSD

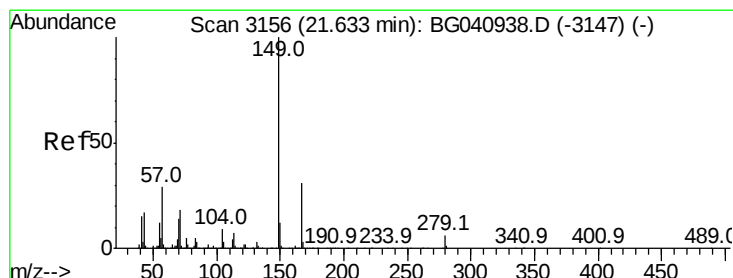
Tot Ion:	228	Resp:	766021
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.6	37.0
229	21.3	16.6	24.8

Manual Integrations
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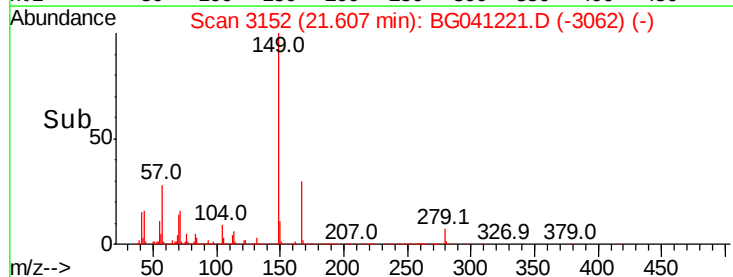
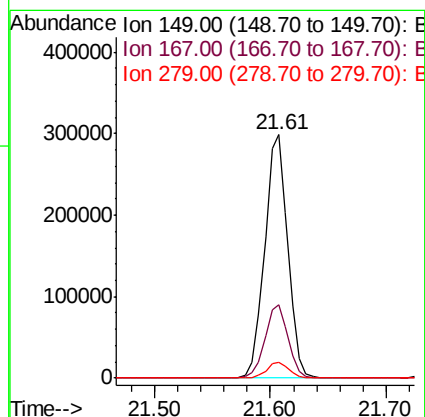
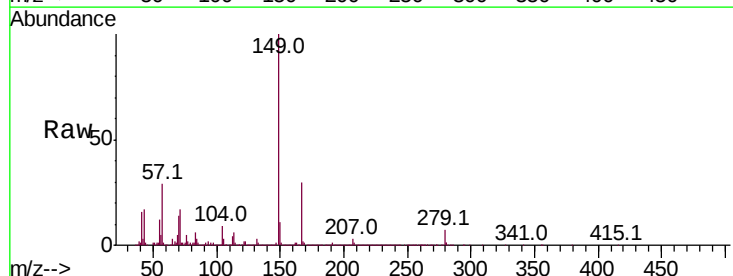
mohammad

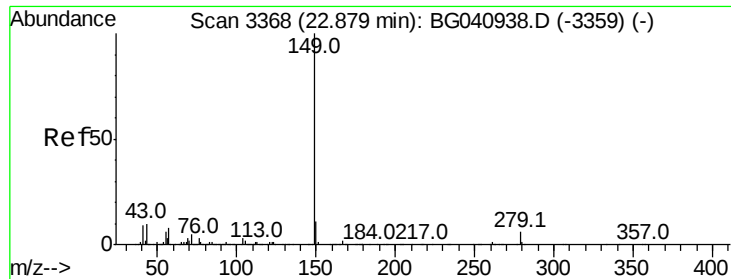
6/14/2019 8:37:06 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.710 ng
RT: 21.61 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	149	Resp:	415100
Ion Ratio	Lower	Upper	
149	100		
167	30.0	24.6	37.0
279	6.5	5.0	7.6



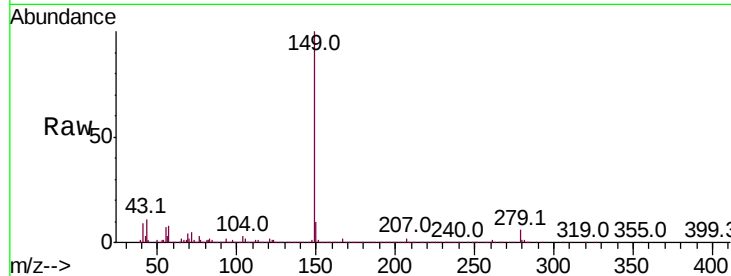


#85
Di-n-octyl phthalate
Concen: 39.534 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

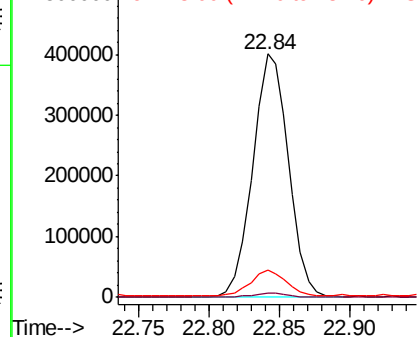
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9		1.4	2.0
43	10.4		8.1	12.1

Manual Integrations
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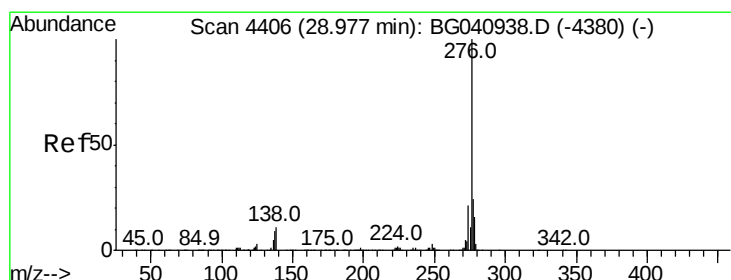
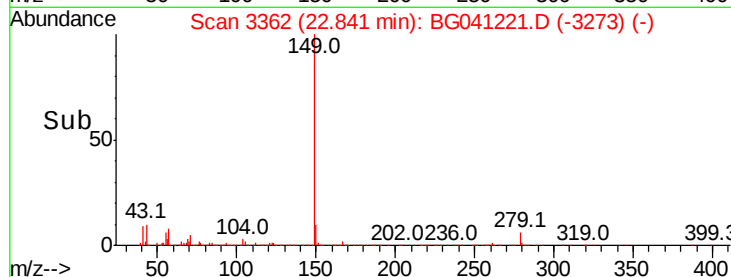


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



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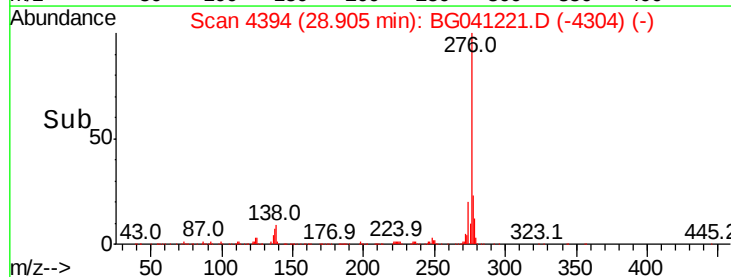
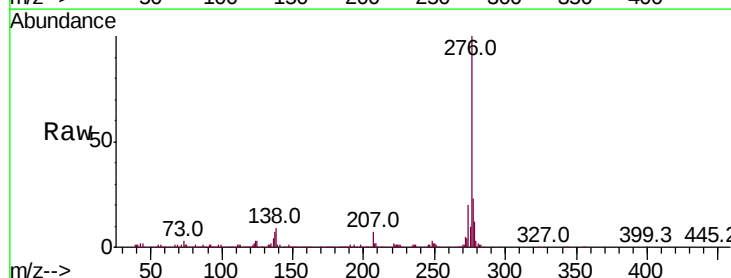
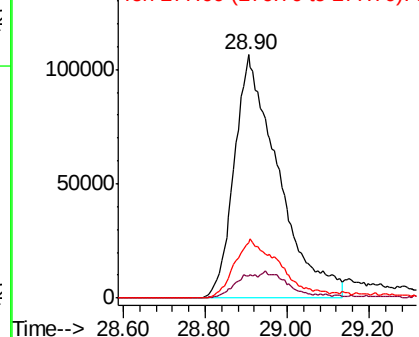
6/14/2019 8:37:06 AM

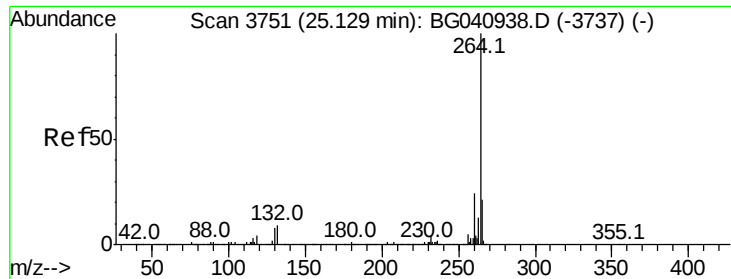


#86
Indeno(1,2,3-cd)pyrene
Concen: 33.857 ng
RT: 28.90 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	3.4		5.7	8.5#
277	25.0		20.8	31.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



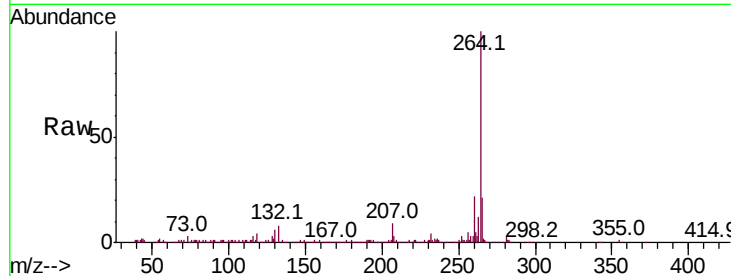


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

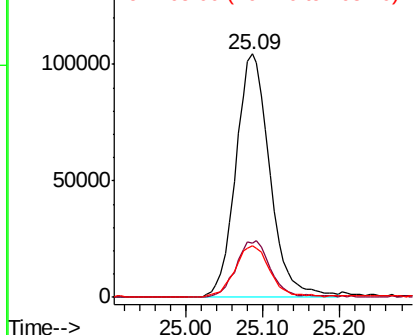
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion:	264	Resp:	323115
Ion Ratio	Lower	Upper	
264	100		
260	22.1	19.0	28.4
265	21.4	17.0	25.4

Manual Integrations
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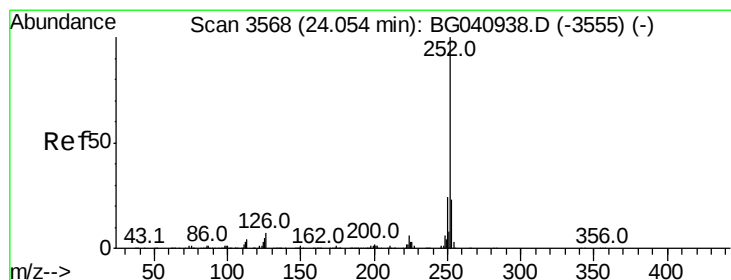
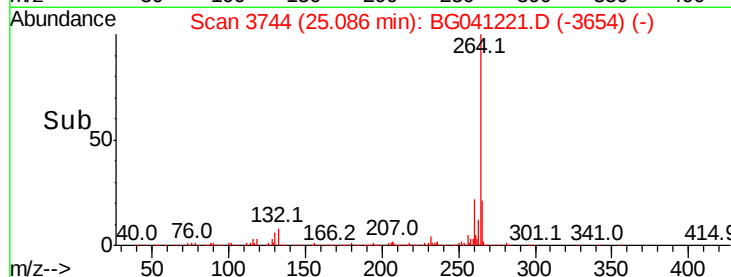


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



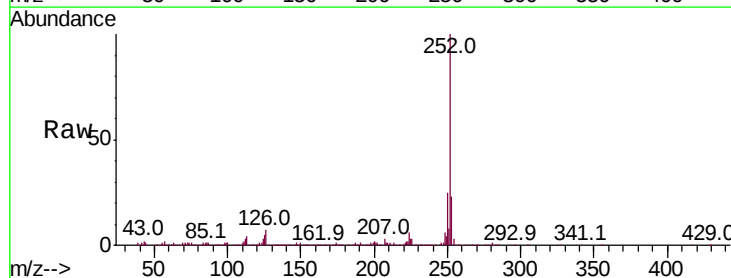
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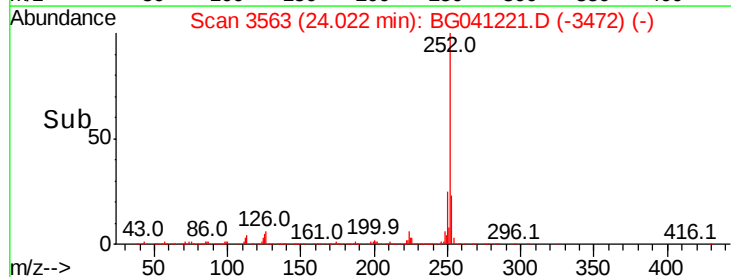
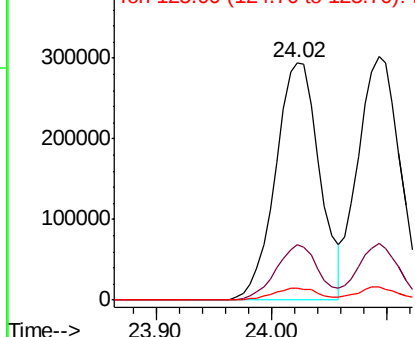


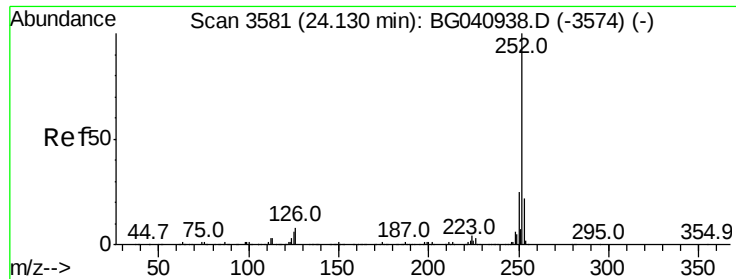
#88
Benzo(b)fluoranthene
Concen: 39.788 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion:	252	Resp:	779765
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.4	27.6
125	5.3	4.3	6.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



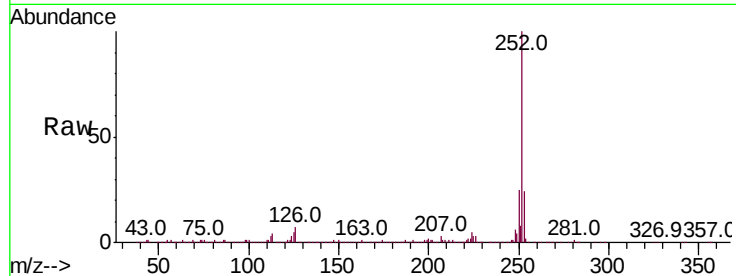


#89
Benzo(k)fluoranthene
Concen: 40.005 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

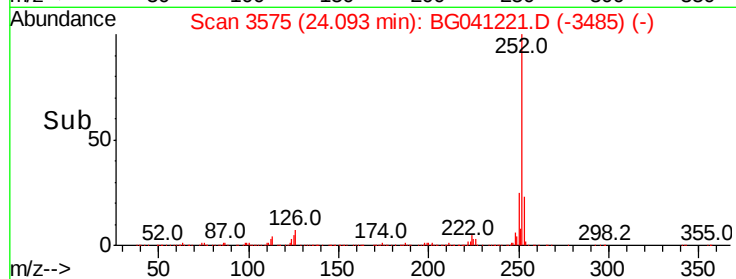
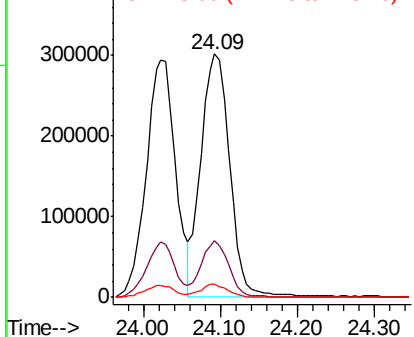
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	5.4	4.7	7.1

Manual Integrations
APPROVED

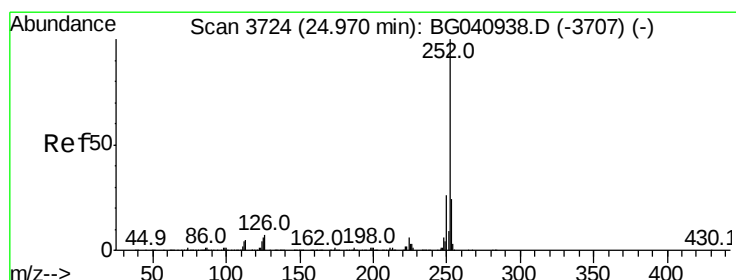


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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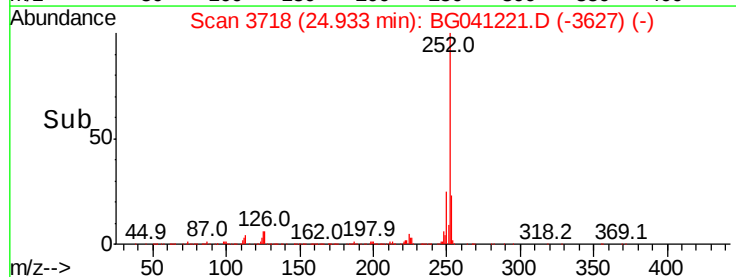
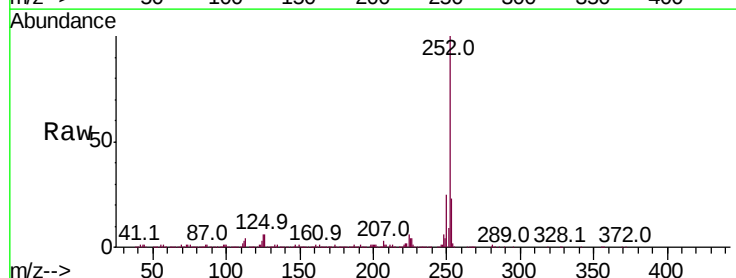
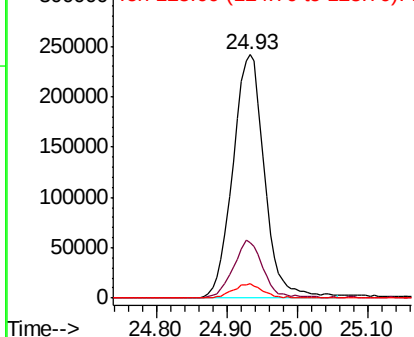
6/14/2019 8:37:06 AM

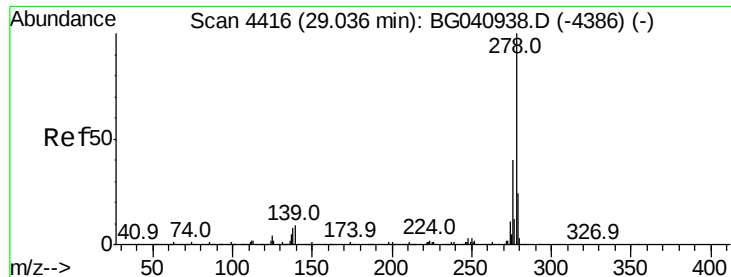


#90
Benzo(a)pyrene
Concen: 40.062 ng
RT: 24.93 min Scan# 3718
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.5	29.3
125	5.7	5.1	7.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



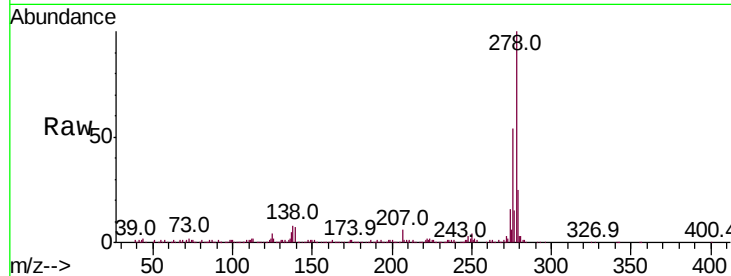


#91
Dibenzo(a,h)anthracene
Concen: 33.404 ng
RT: 28.97 min Scan# 4405
Delta R.T. 0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

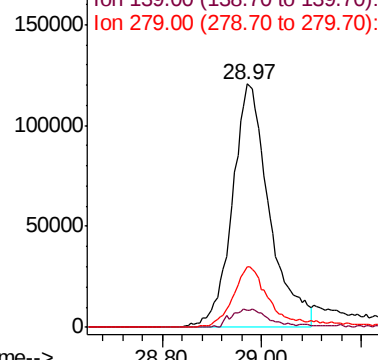
Instrument :
BNA_G
ClientSampleId :
TI-658MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.1	7.1	10.7#
279	24.9	19.4	29.2

Manual Integrations
APPROVED

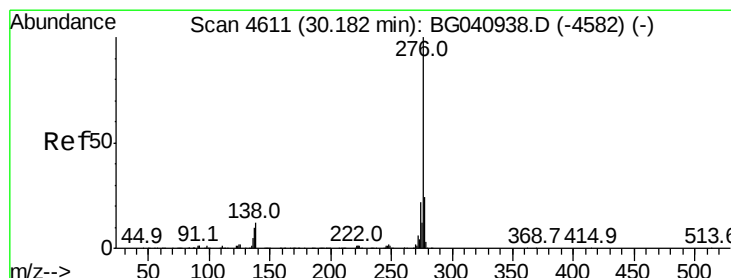
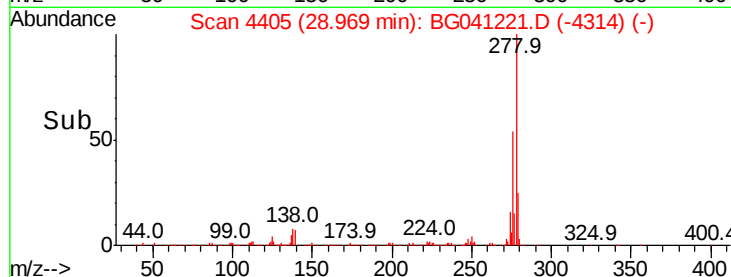


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



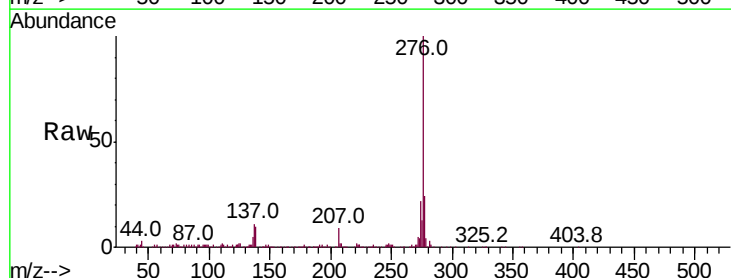
mohammad

6/14/2019 8:37:06 AM



#92
Benzo(g,h,i)perylene
Concen: 34.244 ng
RT: 30.10 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BG041221.D
Acq: 13 Jun 2019 00:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	10.5	9.7	14.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

