

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
 Data File : BG041220.D
 Acq On : 12 Jun 2019 23:56
 Operator : HP/JU
 Sample : K3299-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Manual Integrations
 APPROVED

Quant Time: Jun 13 08:13:54 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	42538	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	171162	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123013	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	300027	20.00	ng	0.00
76) Chrysene-d12	21.76	240	302263	20.00	ng	0.00
87) Perylene-d12	25.09	264	319533	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	86324	36.59	ng	0.00
7) Phenol-d6	7.25	99	77468	21.26	ng	0.00
23) Nitrobenzene-d5	9.29	82	316102	81.99	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	154689	84.70	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	681277	79.76	ng	0.00
79) Terphenyl-d14	20.07	244	1091548	76.64	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	13535	12.644	ng	# 87
3) Pyridine	3.92	79	35812	11.306	ng	95
4) n-Nitrosodimethylamine	3.84	42	24309	16.536	ng	# 77
6) Aniline	7.43	93	23946	4.924	ng	92
8) 2-Chlorophenol	7.67	128	84892	30.185	ng	98
9) Benzaldehyde	7.24	77	35099	16.150	ng	85
10) Phenol	7.28	94	46290	11.850	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	98573	34.784	ng	95
12) 1,3-Dichlorobenzene	7.99	146	119696	35.634	ng	97
13) 1,4-Dichlorobenzene	8.14	146	121230	35.655	ng	95
14) 1,2-Dichlorobenzene	8.46	146	117092	35.469	ng	97
15) Benzyl Alcohol	8.35	79	110420	32.764	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	150720	32.548	ng	97
17) 2-Methylphenol	8.54	107	65591	23.191	ng	98
18) Hexachloroethane	9.19	117	47844	36.510	ng	97
19) n-Nitroso-di-n-propylamine	8.91	70	95112	33.924	ng	98
20) 3+4-Methylphenols	8.87	107	84989	21.693	ng	99
22) Acetophenone	8.93	105	183537	38.226	ng	# 98
24) Nitrobenzene	9.33	77	163079	41.505	ng	97
25) Isophorone	9.84	82	263190	35.870	ng	99
26) 2-Nitrophenol	10.04	139	63592	39.259	ng	92
27) 2,4-Dimethylphenol	10.08	122	90384	33.786	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	136597	34.493	ng	96
29) 2,4-Dichlorophenol	10.57	162	121106	35.649	ng	92
30) 1,2,4-Trichlorobenzene	10.79	180	144205	37.315	ng	95
31) Naphthalene	10.98	128	359127	39.079	ng	99
32) Benzoic acid	10.21	122	47221m	26.986	ng	
33) 4-Chloroaniline	11.09	127	22522	5.282	ng	96
34) Hexachlorobutadiene	11.24	225	105008	35.512	ng	95
35) Caprolactam	11.89	113	6922	6.170	ng	95
36) 4-Chloro-3-methylphenol	12.20	107	124653	32.129	ng	98
37) 2-Methylnaphthalene	12.57	142	266575	37.663	ng	98
38) 1-Methylnaphthalene	12.79	142	256004	38.383	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	200167	40.372	ng	99

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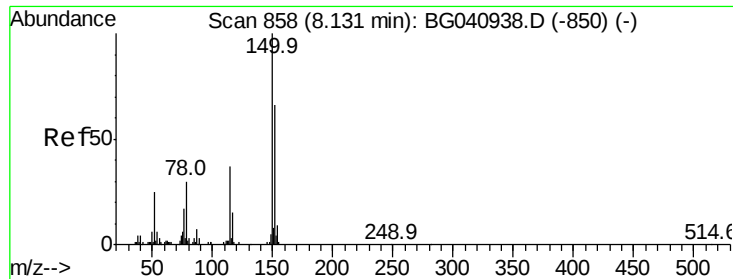
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	210082	78.945	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	124156	38.709	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	129811	38.375	nq	98
46) 1,1'-Biphenyl	13.57	154	367254	40.332	nq	99
47) 2-Chloronaphthalene	13.62	162	302369	38.681	nq	97
48) 2-Nitroaniline	13.83	65	101752	36.284	nq	99 mohammad
49) Acenaphthylene	14.46	152	466464	39.648	nq	99
50) Dimethylphthalate	14.19	163	428196	41.121	nq	99
51) 2,6-Dinitrotoluene	14.32	165	86933	38.720	nq	97
52) Acenaphthene	14.80	154	274695	38.541	nq	97
53) 3-Nitroaniline	14.65	138	26212	11.675	nq	99 # 6/14/2019 8:37:04 AM
54) 2,4-Dinitrophenol	14.86	184	108544	88.625	nq	94
55) Dibenzofuran	15.13	168	478409	39.892	nq	97
56) 4-Nitrophenol	14.96	139	42880	27.846	nq	89
57) 2,4-Dinitrotoluene	15.10	165	126103	39.762	nq	97
58) Fluorene	15.78	166	372963	39.050	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	135891	40.878	nq	99
60) Diethylphthalate	15.53	149	400766	37.713	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	238491	38.418	nq	95
62) 4-Nitroaniline	15.81	138	54634	22.986	nq	92
63) Azobenzene	16.06	77	377641	39.099	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	74657	46.716	nq	98
66) n-Nitrosodiphenylamine	15.98	169	339634	40.269	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	155578	38.424	nq	95
68) Hexachlorobenzene	16.77	284	162616	37.717	nq	99
69) Atrazine	16.93	200	137375	42.213	nq	97
70) Pentachlorophenol	17.12	266	196921	84.979	nq	96
71) Phenanthrene	17.52	178	627319	40.141	nq	99
72) Anthracene	17.61	178	633933	41.129	nq	100
73) Carbazole	17.89	167	553298	41.836	nq	99
74) Di-n-butylphthalate	18.42	149	719192	43.753	nq	99
75) Fluoranthene	19.53	202	804663	41.686	nq	99
78) Pyrene	19.89	202	803910	40.913	nq	99
80) Butylbenzylphthalate	20.76	149	305245	39.919	nq	99
81) Benzo(a)anthracene	21.74	228	780668	38.800	nq	100
83) Chrysene	21.81	228	767303	39.851	nq	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	419843	39.004	nq	97
85) Di-n-octyl phthalate	22.84	149	716277	39.955	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	826533	35.043	nq	95 #
88) Benzo(b)fluoranthene	24.02	252	794941	41.017	nq	100
89) Benzo(k)fluoranthene	24.09	252	786852m	41.028	nq	
90) Benzo(a)pyrene	24.93	252	762765	41.251	nq	96
91) Dibenzo(a,h)anthracene	28.98	278	657778	35.602	nq	99
92) Benzo(g,h,i)perylene	30.12	276	582839	32.470	nq	98

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



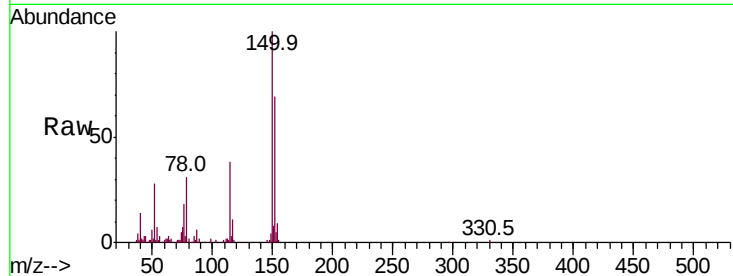
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041220.D
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Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	120.6	180.8
115	55.4	45.1	67.7

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Abundance

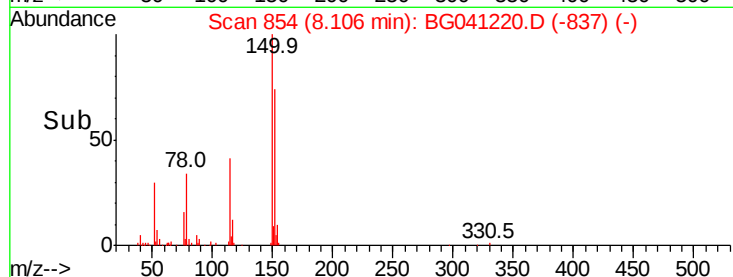
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

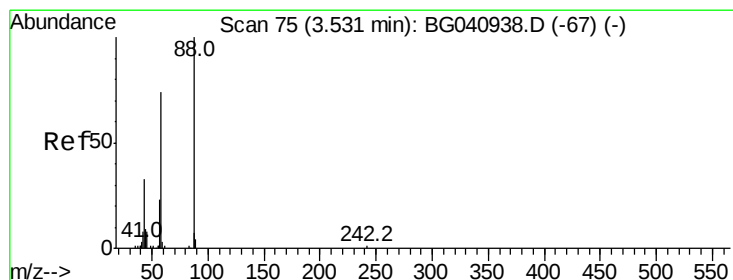
8.11

Time-->



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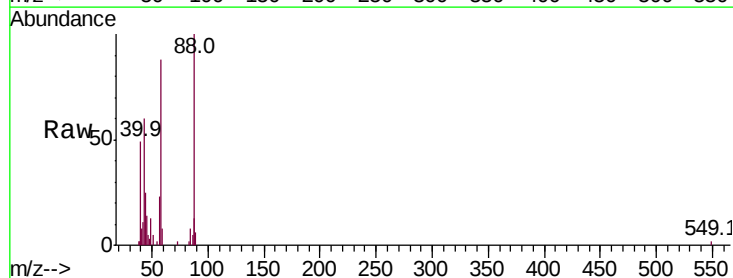
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#2

1,4-Dioxane
Concen: 12.644 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	59.0	88.6
43	43.0	27.2	40.8#



Abundance

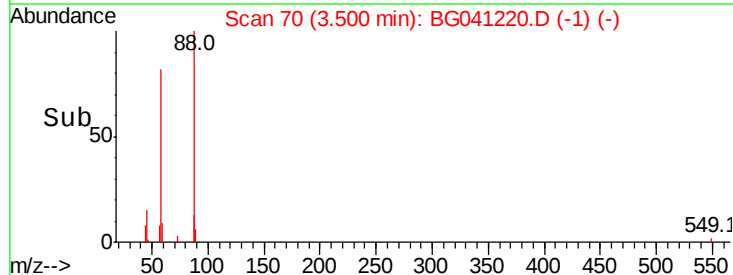
Ion 88.00 (87.70 to 88.70): BGC

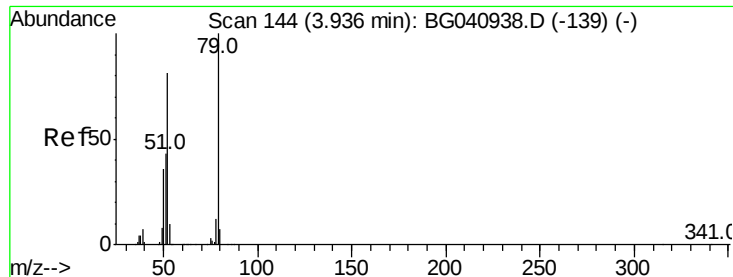
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.50

Time-->





#3

Pvridine

Concen: 11.306 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

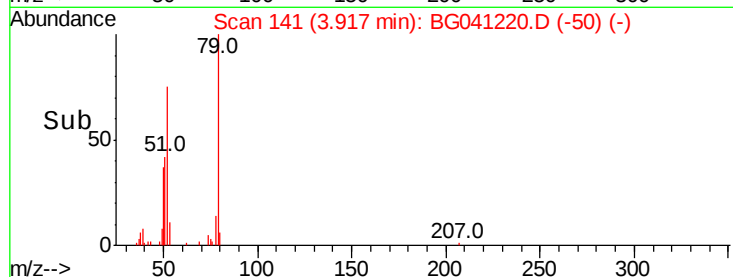
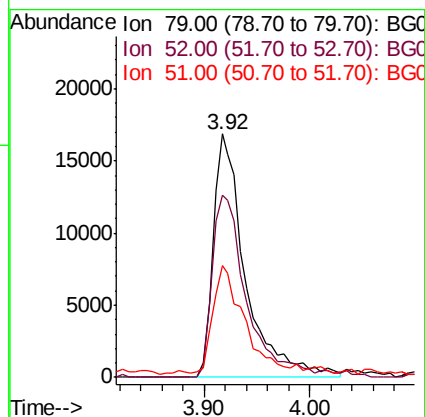
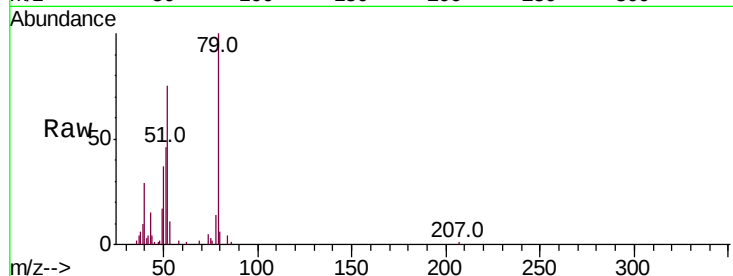
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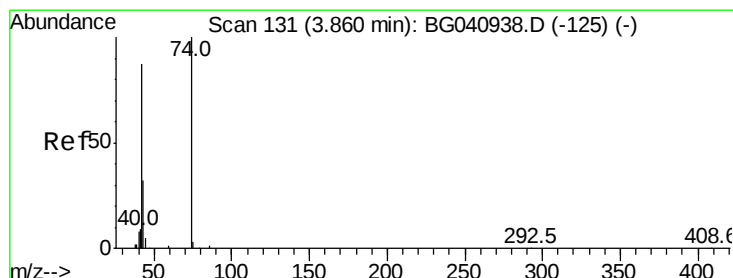
Tot Ion:	79	Resp:	35812
Ion Ratio	Lower	Upper	
79	100		
52	74.8	64.8	97.2
51	45.7	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 16.536 ng

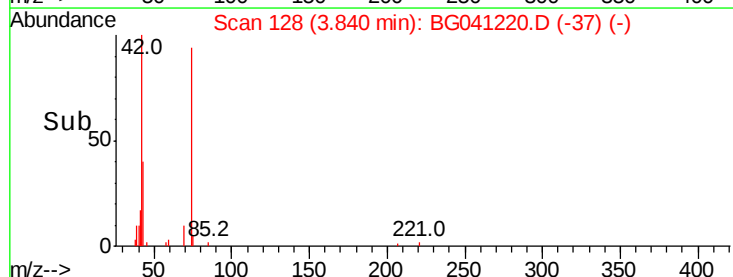
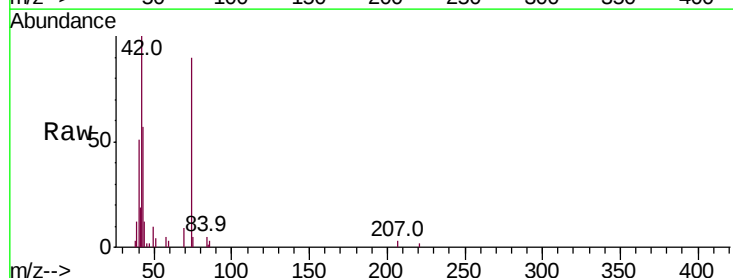
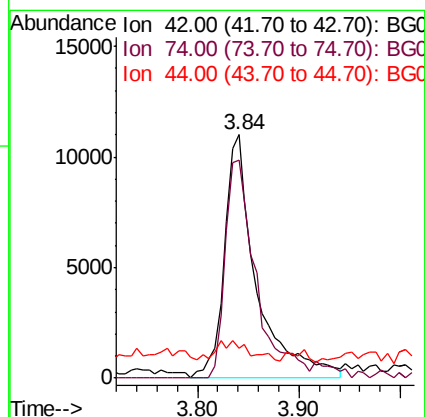
RT: 3.84 min Scan# 128

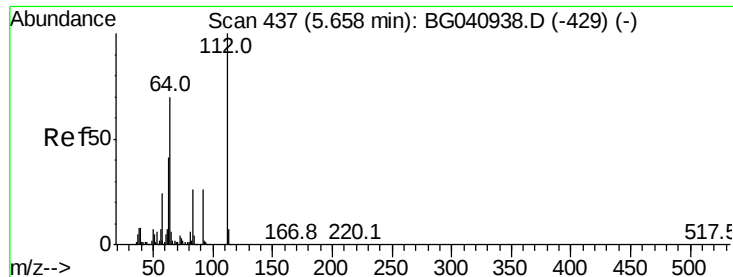
Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	42	Resp:	24309
Ion Ratio	Lower	Upper	
42	100		
74	89.7	91.8	137.6#
44	12.4	6.0	9.0#





#5

2-Fluorophenol

Concen: 36.593 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

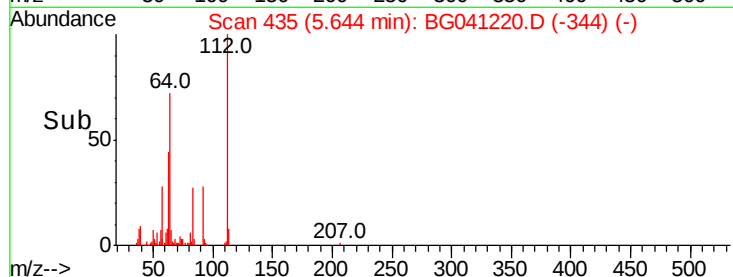
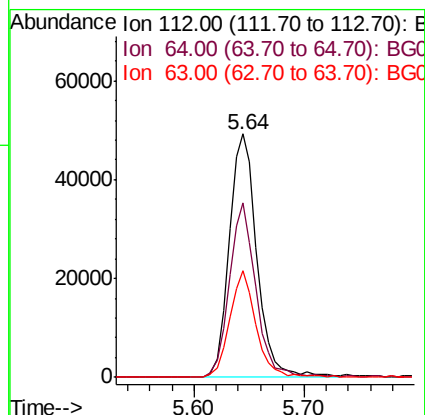
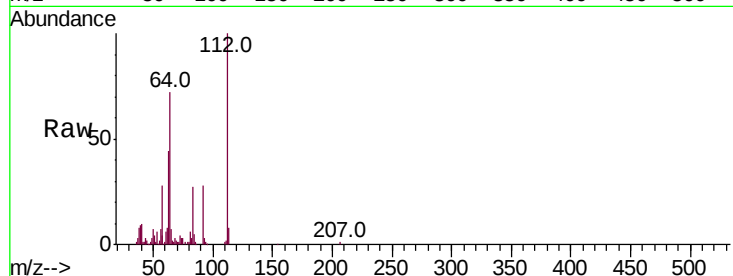
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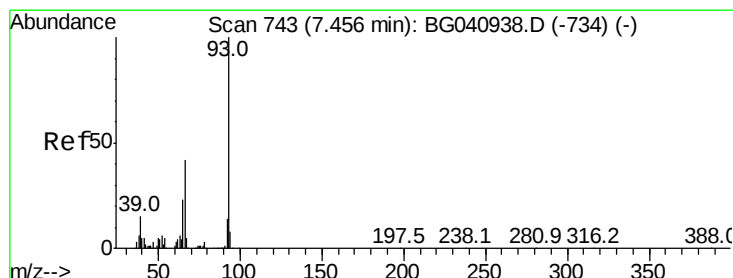
Tot Ion:	112	Resp:	86324
Ion Ratio	Lower	Upper	
112	100		
64	71.6	56.2	84.2
63	44.0	32.8	49.2

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#6

Aniline

Concen: 4.924 ng

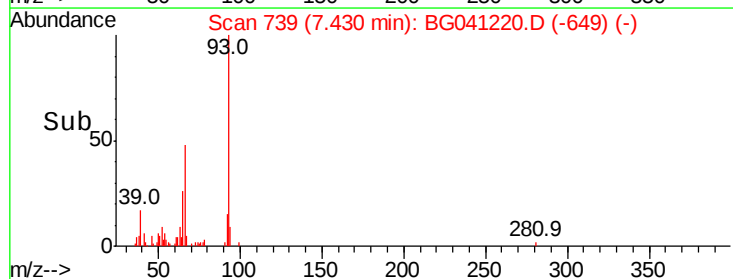
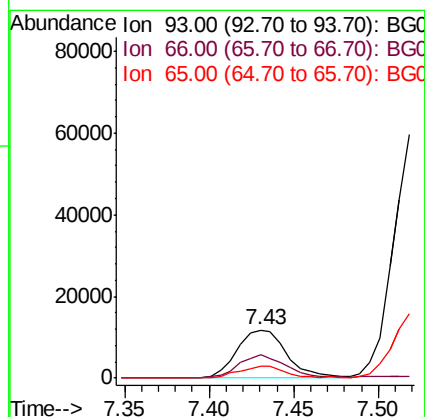
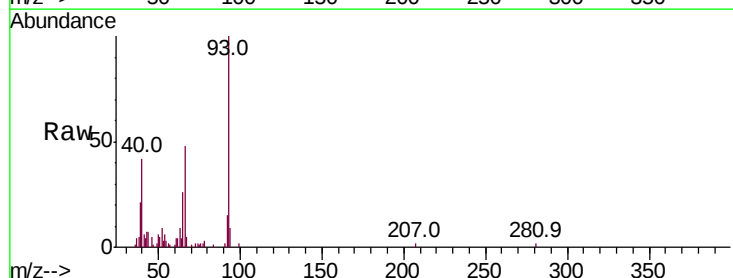
RT: 7.43 min Scan# 739

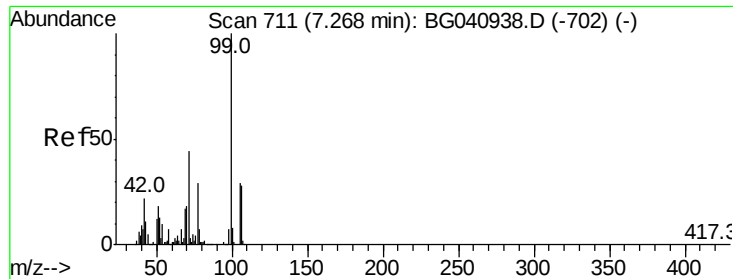
Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	93	Resp:	23946
Ion Ratio	Lower	Upper	
93	100		
66	48.3	33.8	50.8
65	26.0	18.3	27.5





#7

Phenol-d6

Concen: 21.263 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

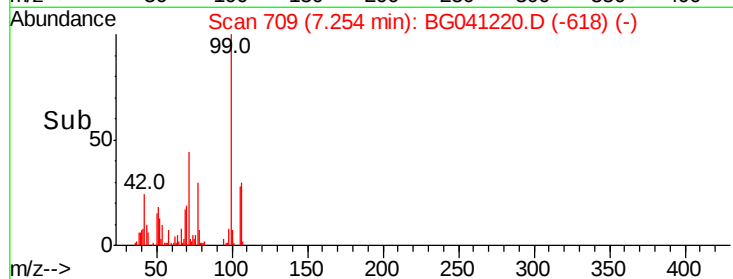
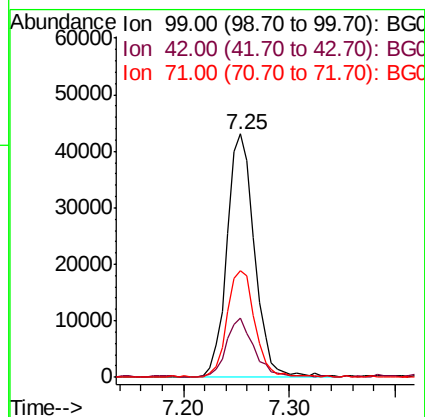
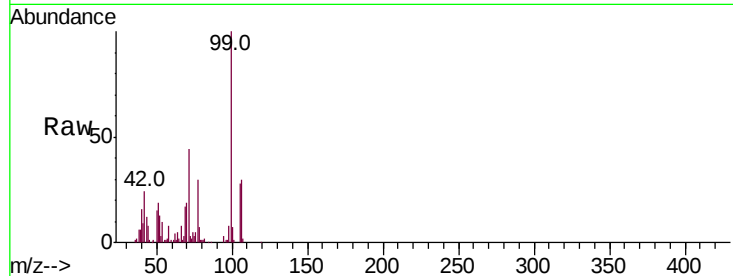
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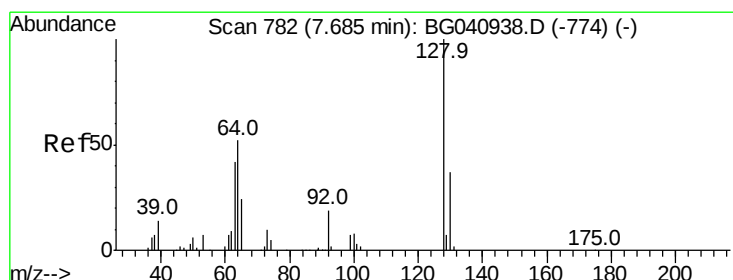
Tot Ion:	99	Resp:	77468
Ion	Ratio	Lower	Upper
99	100		
42	24.2	17.9	26.9
71	43.9	35.4	53.0

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#8

2-Chlorophenol

Concen: 30.185 ng

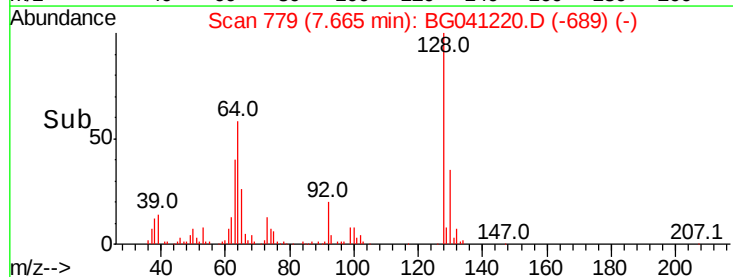
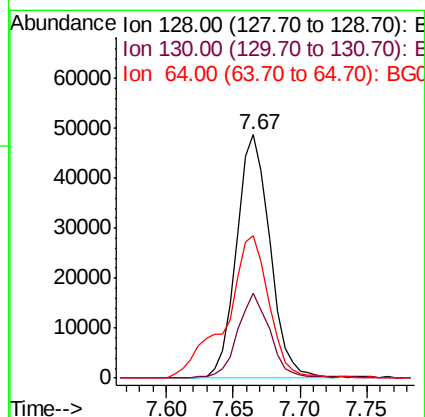
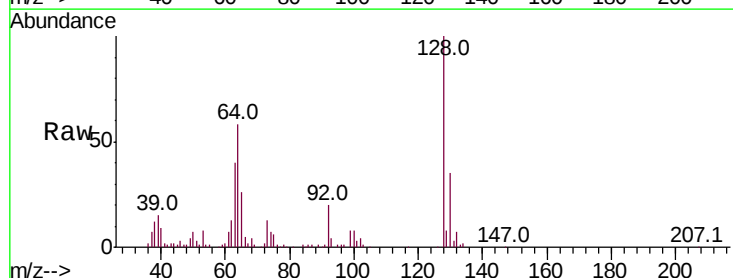
RT: 7.67 min Scan# 779

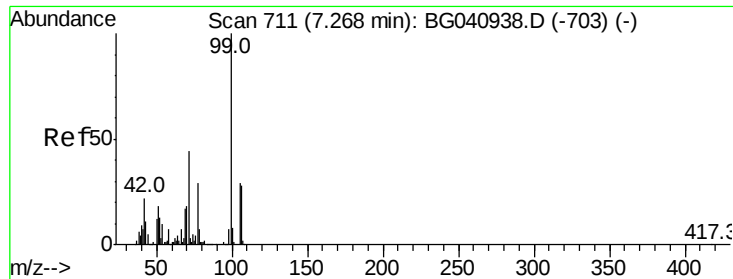
Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	128	Resp:	84892
Ion	Ratio	Lower	Upper
128	100		
130	34.7	16.6	56.6
64	58.3	37.8	77.8





#9

Benzaldehyde

Concen: 16.150 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

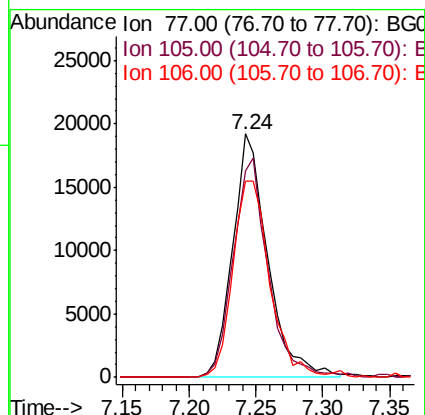
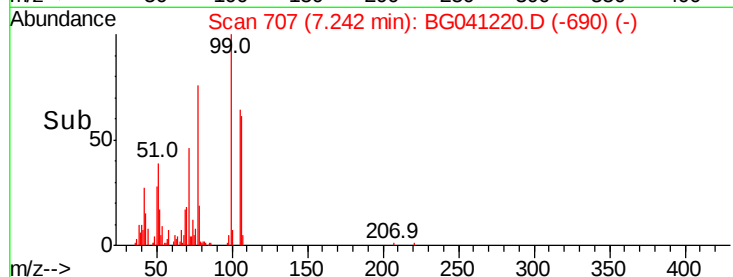
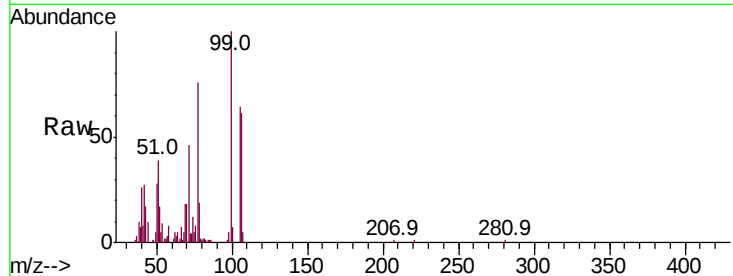
BNA_G

ClientSampled :

TI-658MS

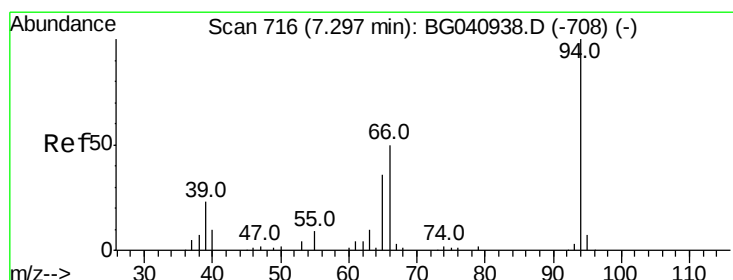
Tot Ion:	77	Resp:	35099
Ion	Ratio	Lower	Upper
77	100		
105	84.9	78.9	118.9
106	80.6	76.7	116.7

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#10

Phenol

Concen: 11.850 ng

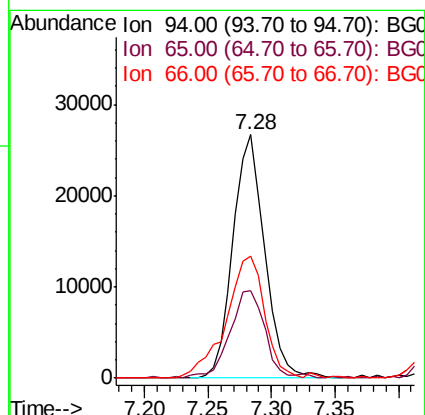
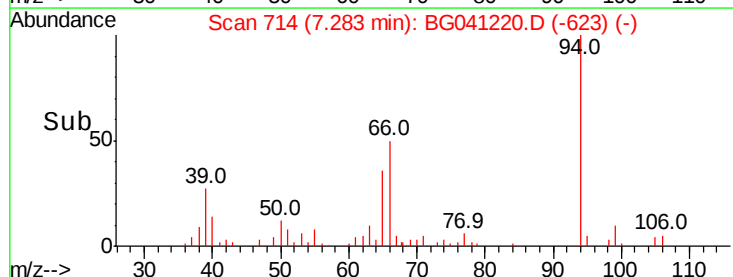
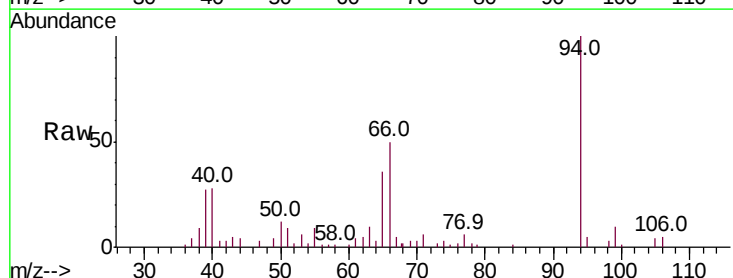
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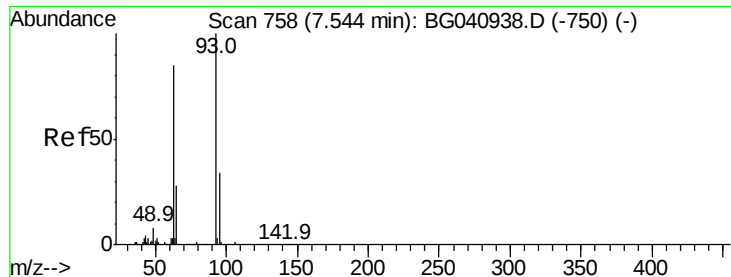
Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	94	Resp:	46290
Ion	Ratio	Lower	Upper
94	100		
65	36.2	17.0	57.0
66	50.3	32.4	72.4



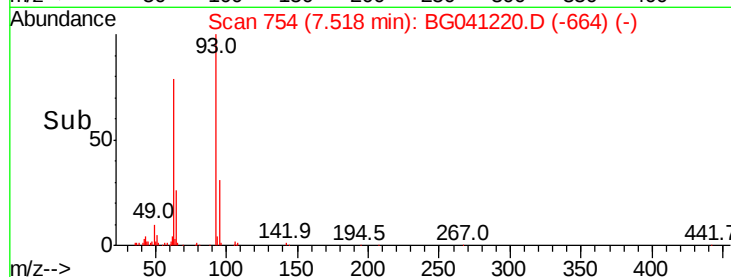
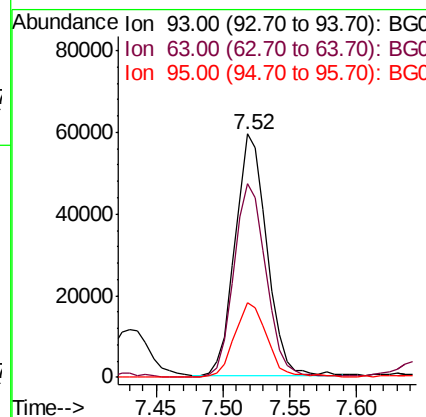
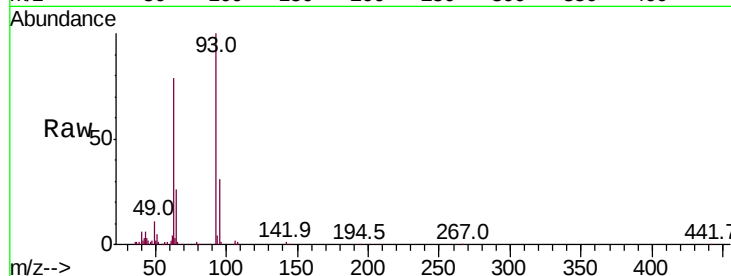


#11
bis(2-Chloroethyl)ether
Concen: 34.784 ng
RT: 7.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

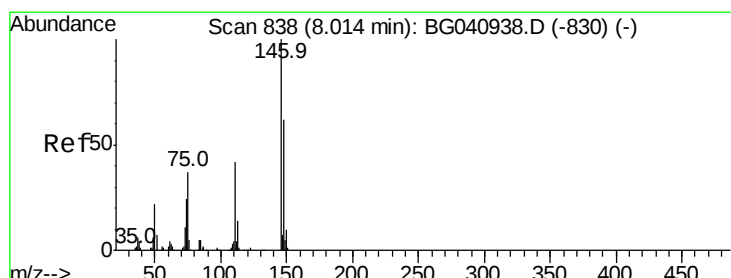
Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	64.5	104.5
95	30.8	13.3	53.3

Manual Integrations
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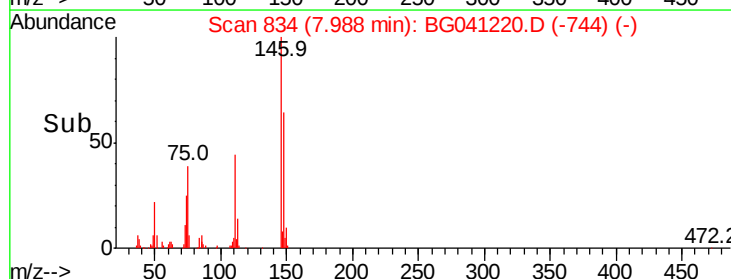
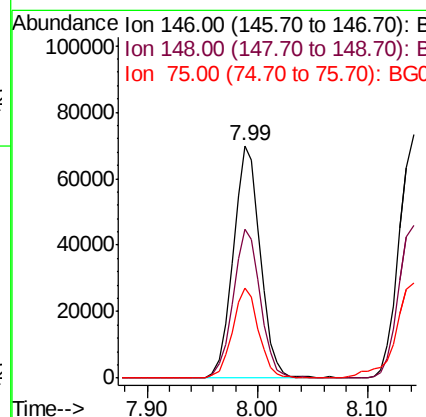
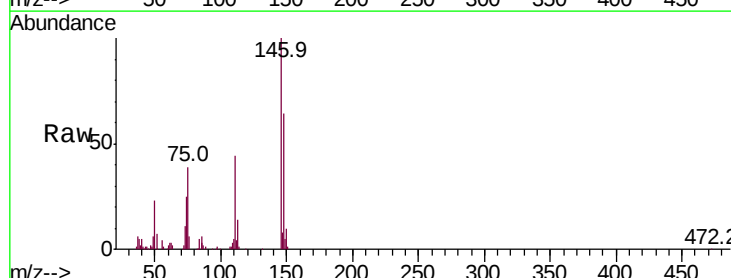
mohammad

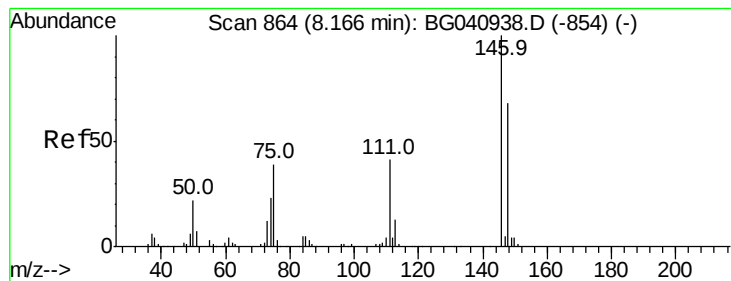
6/14/2019 8:37:04 AM



#12
1,3-Dichlorobenzene
Concen: 35.634 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.2	73.8
75	38.7	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 35.655 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

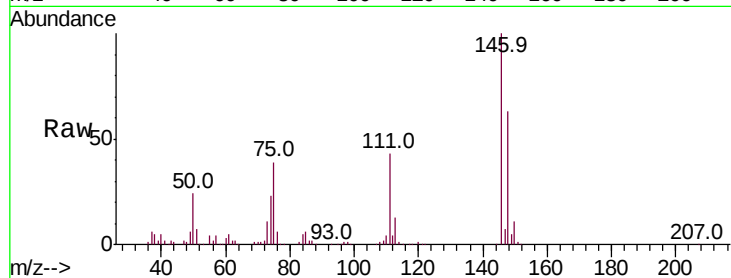
BNA_G

ClientSampled :

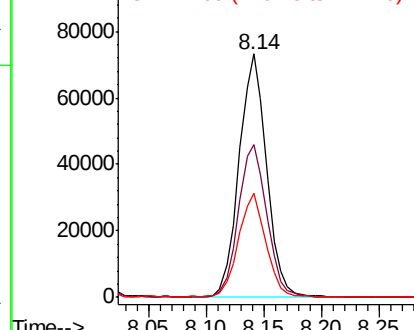
TI-658MS

Tot Ion:	146	Resp:	121230
Ion Ratio	Lower	Upper	
146	100		
148	62.8	54.2	81.4
111	42.5	32.9	49.3

Manual Integrations
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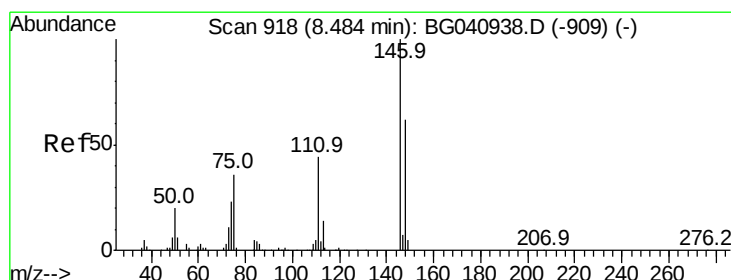
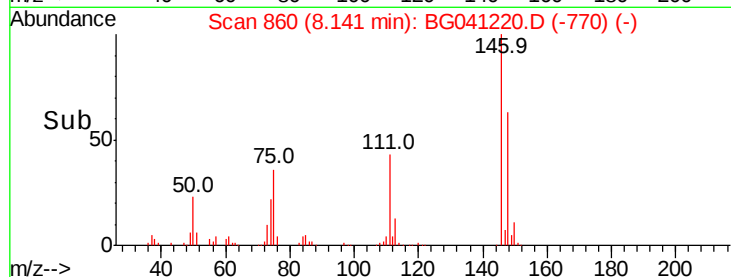


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 35.469 ng

RT: 8.46 min Scan# 914

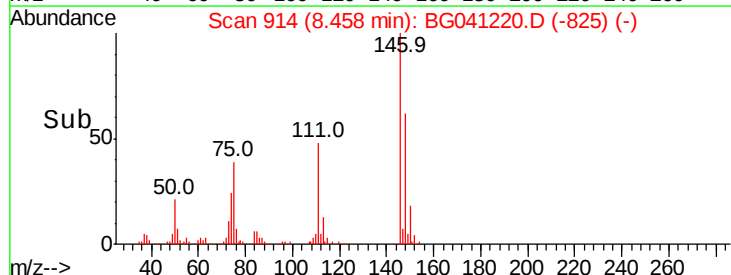
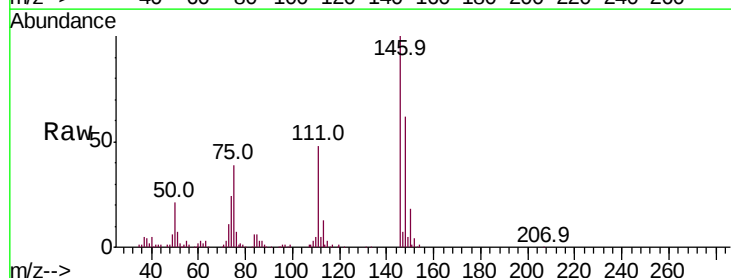
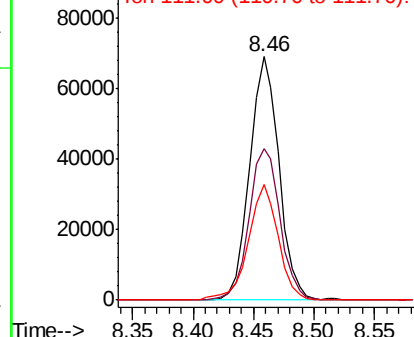
Delta R.T. -0.00 min

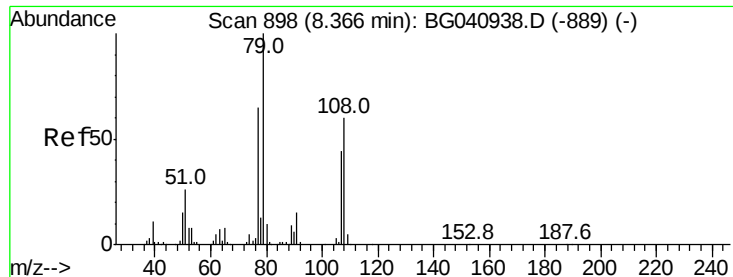
Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	146	Resp:	117092
Ion Ratio	Lower	Upper	
146	100		
148	62.1	49.8	74.6
111	47.7	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: 32.764 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

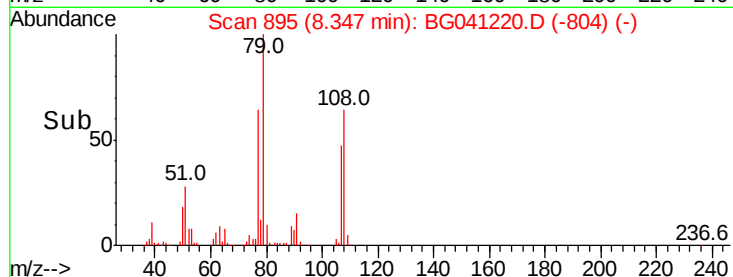
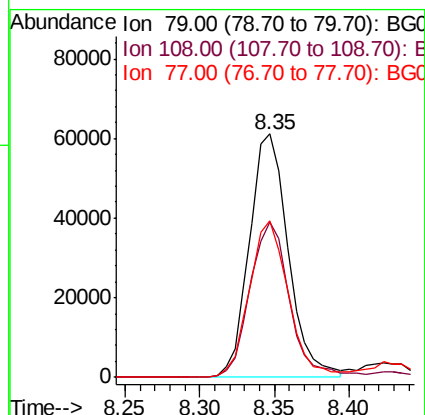
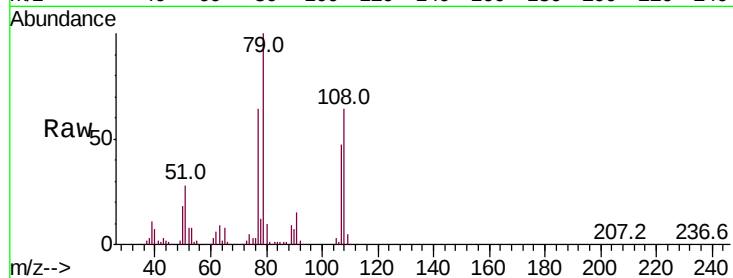
BNA_G

ClientSampled :

TI-658MS

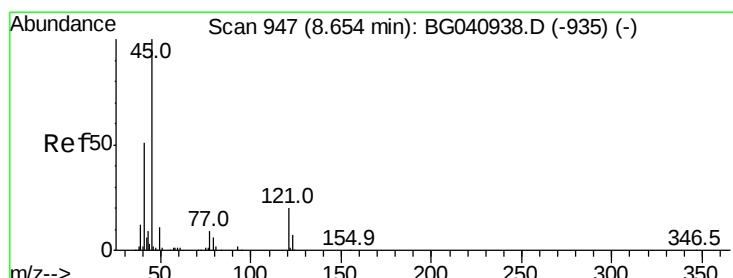
Tot Ion:	79	Resp:	110420
Ion Ratio	Lower	Upper	
79	100		
108	63.8	48.3	72.5
77	64.3	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.548 ng

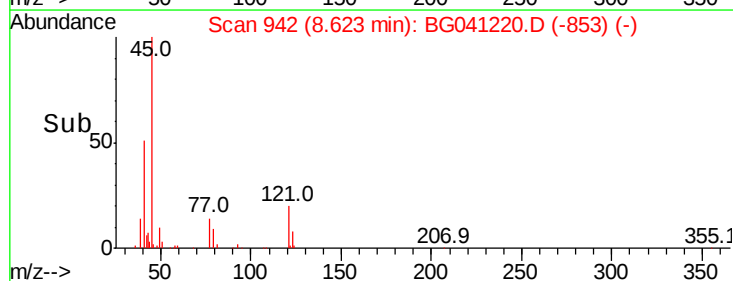
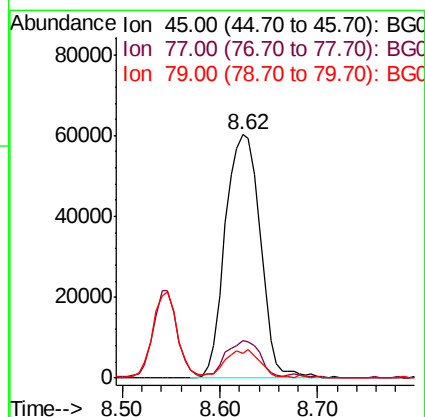
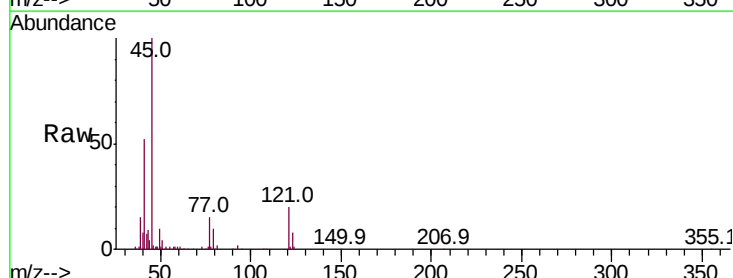
RT: 8.62 min Scan# 942

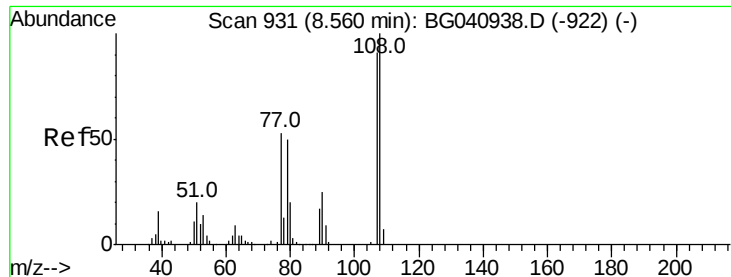
Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	45	Resp:	150720
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	33.7
79	10.3	0.0	30.2



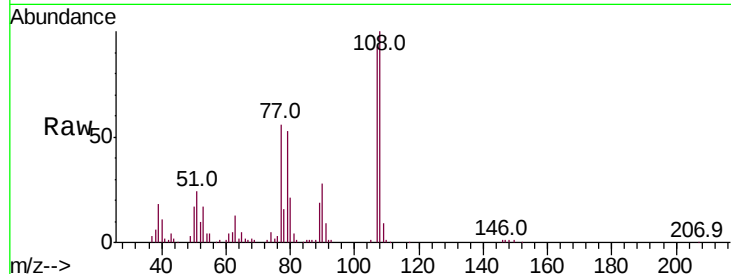


#17
2-Methylphenol
Concen: 23.191 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	87.7	131.5	
77	60.3	46.6	70.0	
79	57.1	44.6	66.8	

Manual Integrations
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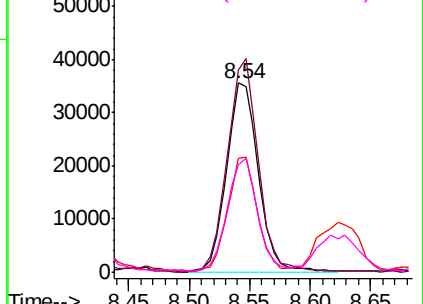
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

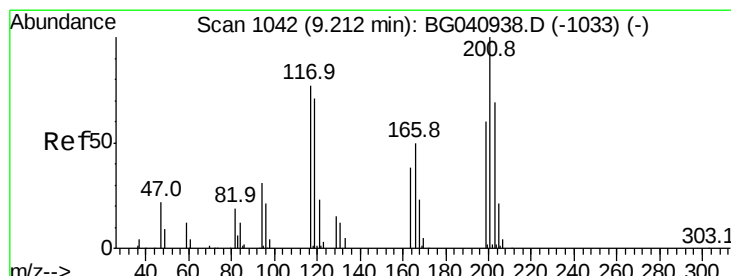
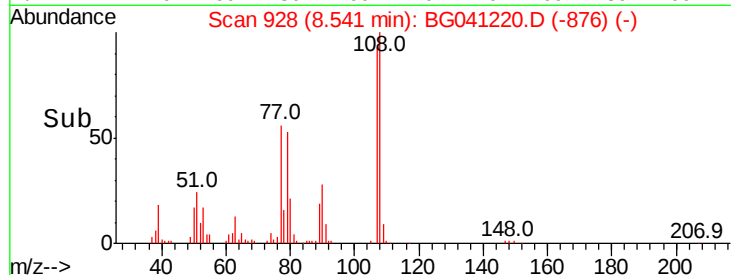
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



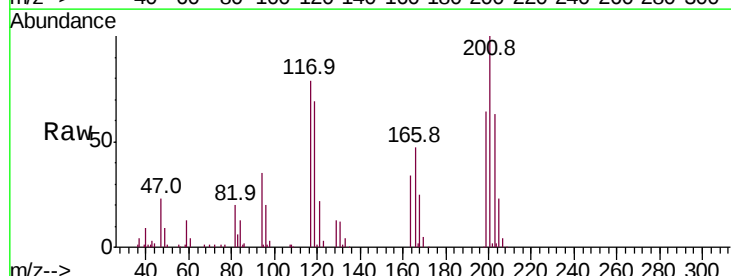
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#18
Hexachloroethane
Concen: 36.510 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.8	75.0	112.6	
201	130.2	103.5	155.3	

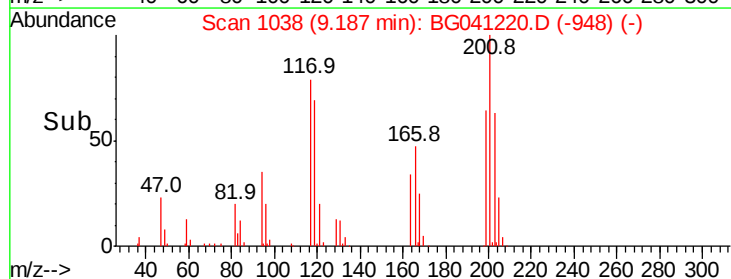
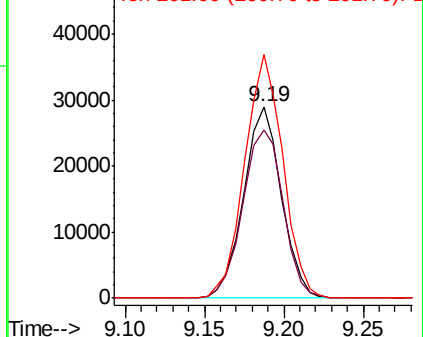


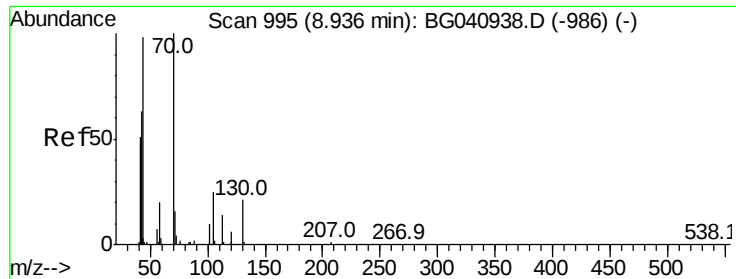
Abundance

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



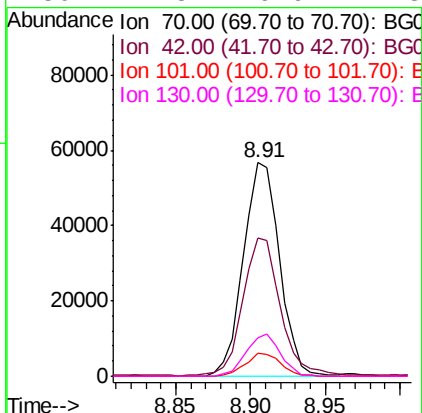
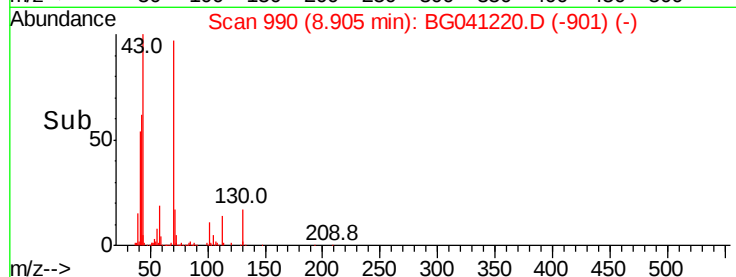
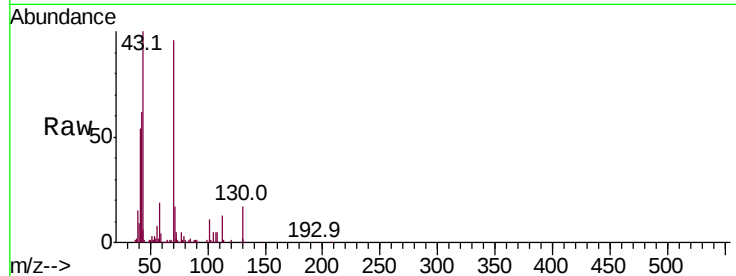


#19
n-Nitroso-di-n-propylamine
Concen: 33.924 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

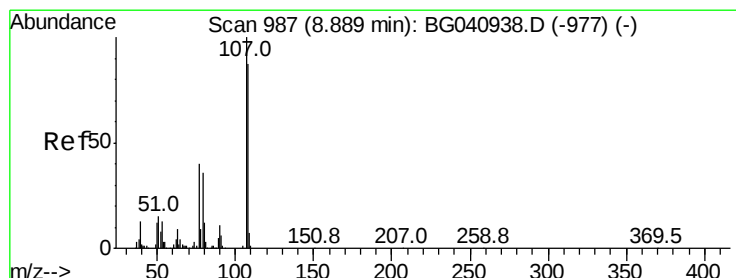
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.8	51.5	77.3	
101	10.9	8.1	12.1	
130	17.8	16.6	24.8	

Manual Integrations
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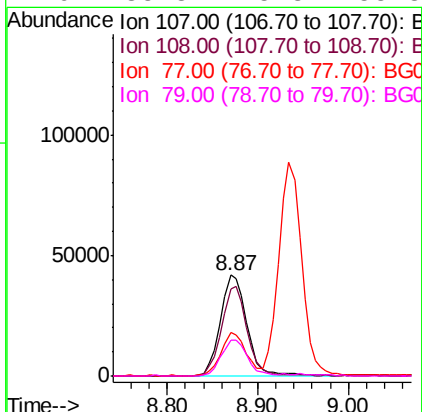
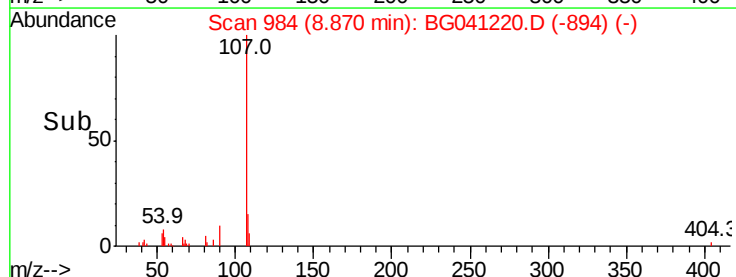
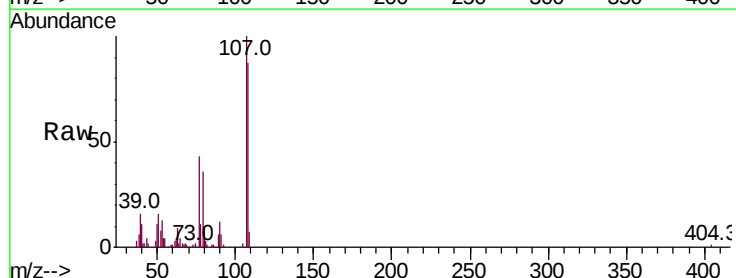
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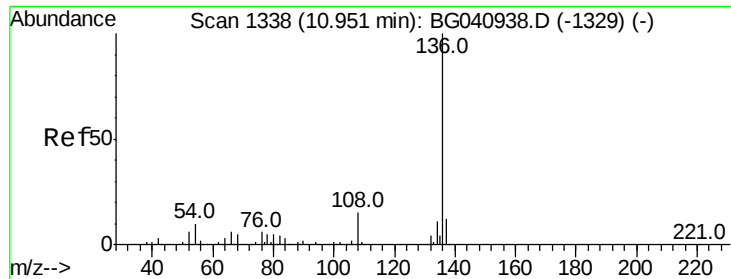
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#20
3+4-Methylphenols
Concen: 21.693 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	66.8	106.8	
77	43.2	20.5	60.5	
79	35.8	15.8	55.8	



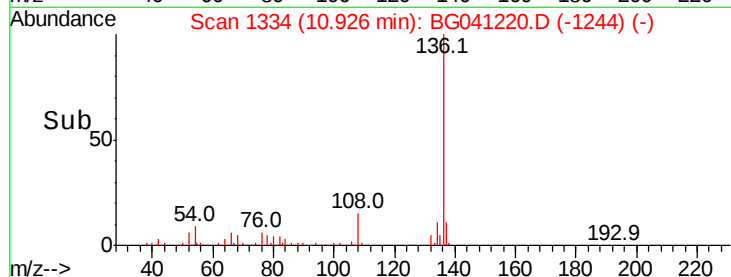
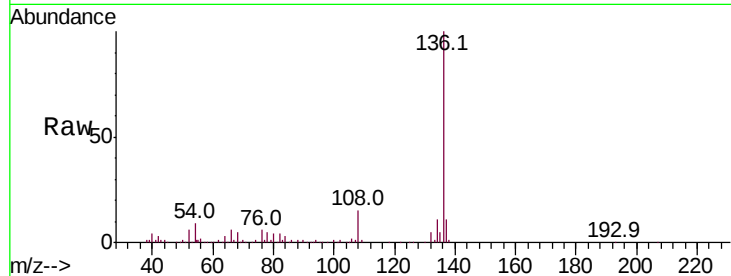


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.5	14.3	
54	8.6	7.6	11.4	
68	4.7	3.9	5.9	

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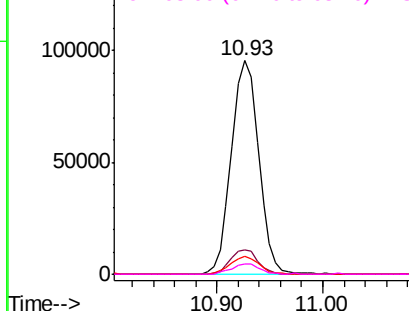
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

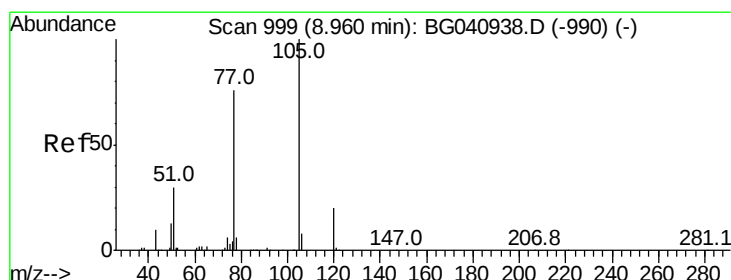
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



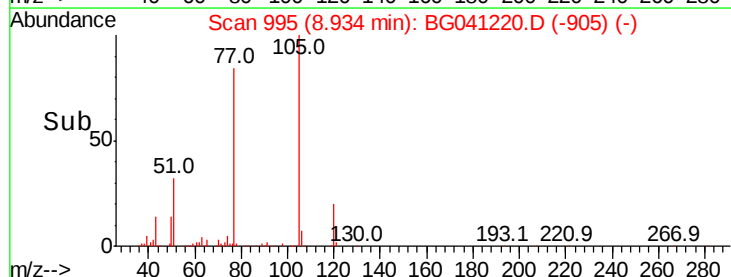
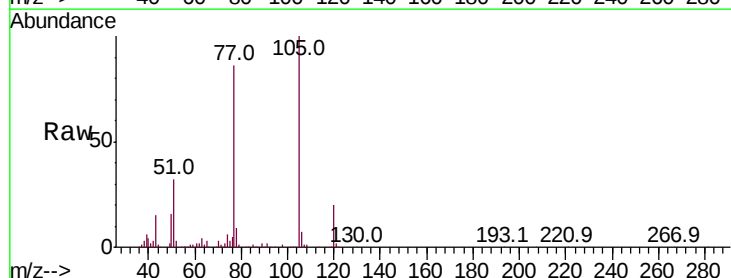
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#22
Acetophenone
Concen: 38.226 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.4	0.6#	
51	32.3	27.0	40.6	
120	20.3	16.2	24.4	



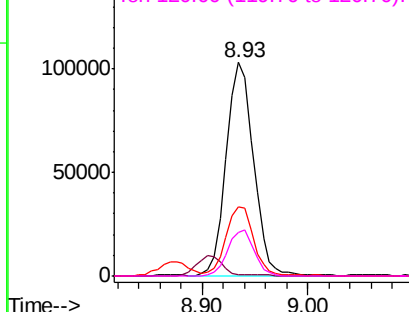
Abundance

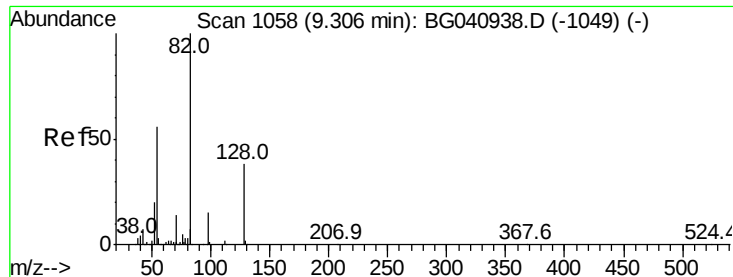
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.986 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

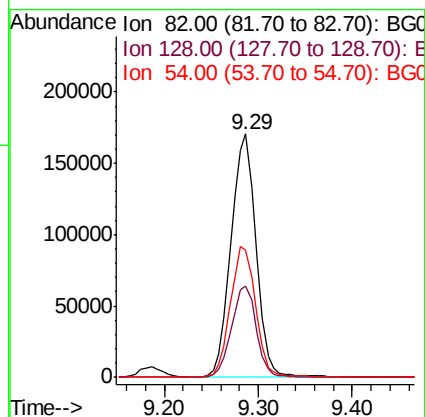
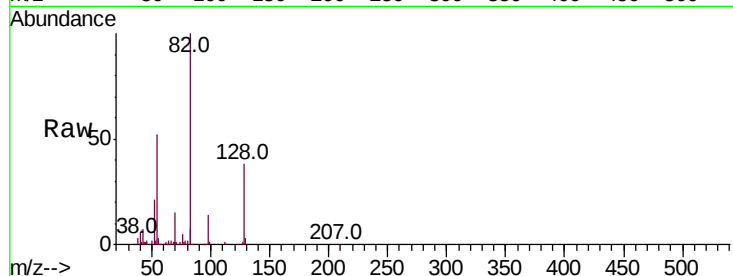
BNA_G

ClientSampleId :

TI-658MS

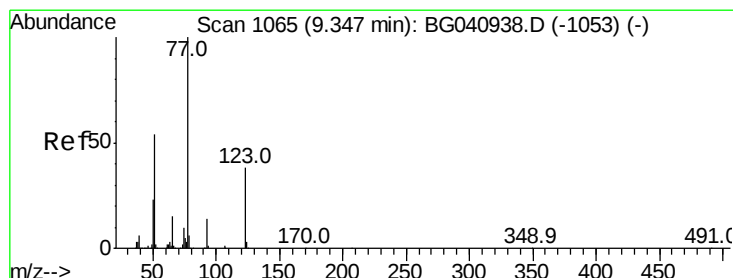
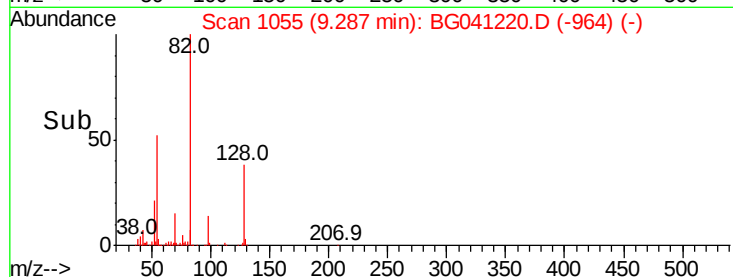
Tot Ion:	82	Resp:	316102
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.5	45.7
54	52.4	44.6	66.8

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#24

Nitrobenzene

Concen: 41.505 ng

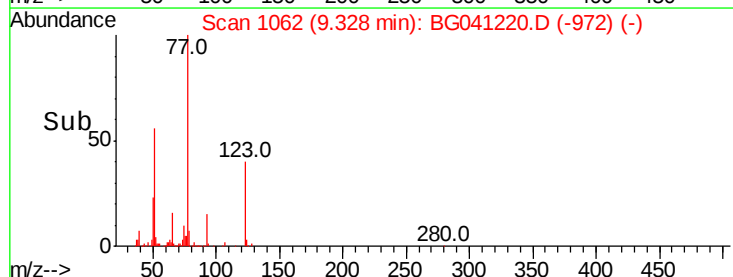
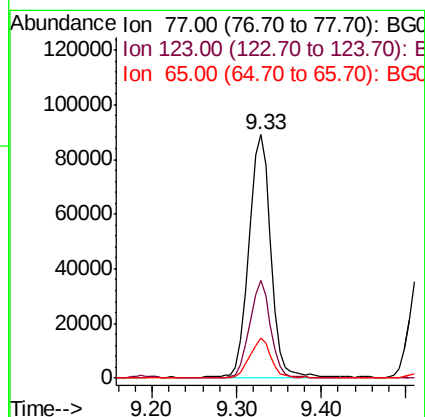
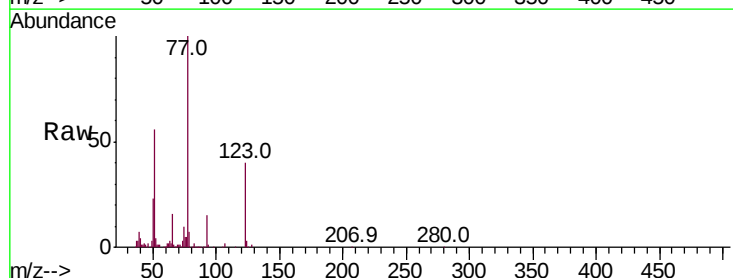
RT: 9.33 min Scan# 1062

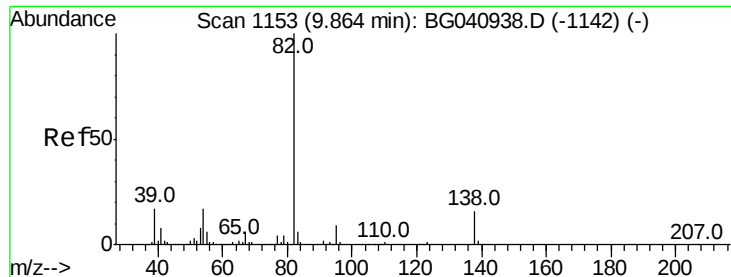
Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	77	Resp:	163079
Ion Ratio	Lower	Upper	
77	100		
123	40.2	30.6	46.0
65	16.5	12.3	18.5





#25

Isophorone

Concen: 35.870 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

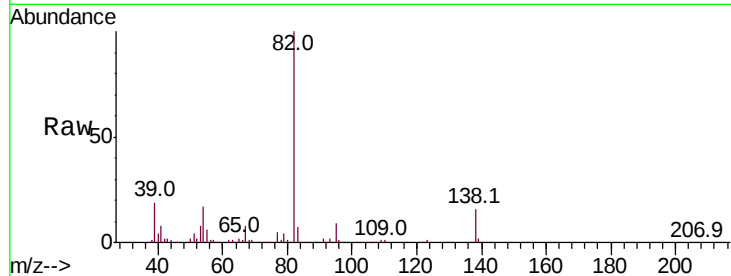
BNA_G

ClientSampleId :

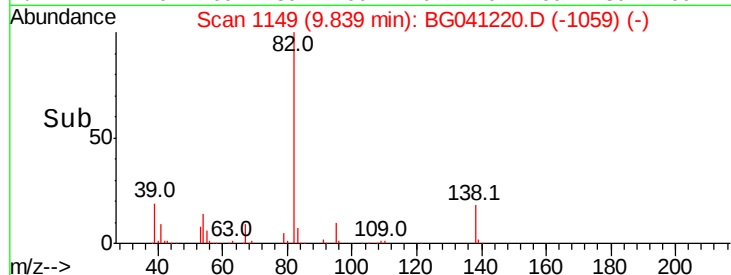
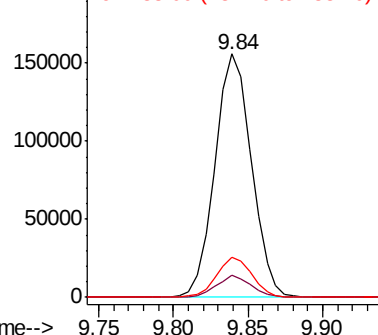
TI-658MS

Tot Ion:	82	Resp:	263190
Ion Ratio	Lower	Upper	
82	100		
95	9.0	7.0	10.4
138	16.4	12.6	19.0

Manual Integrations
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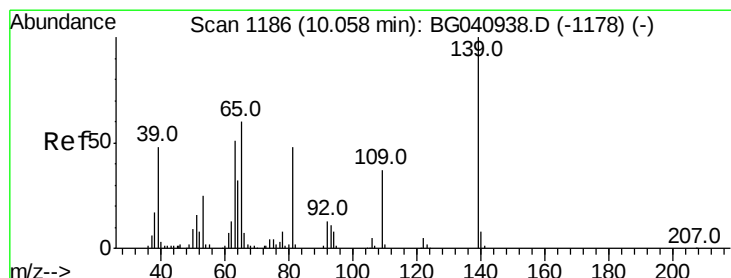


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



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#26

2-Nitrophenol

Concen: 39.259 ng

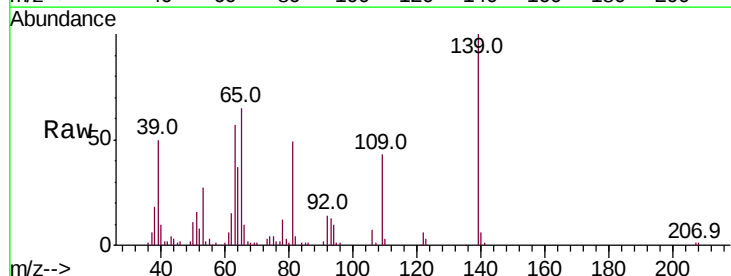
RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

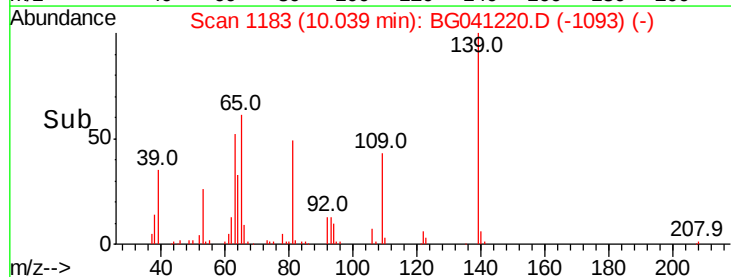
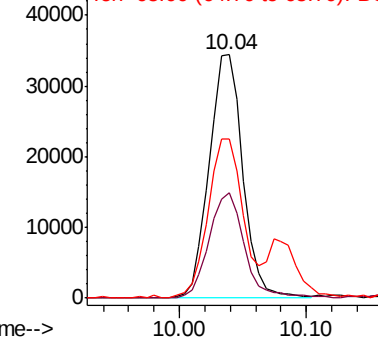
Lab File: BG041220.D

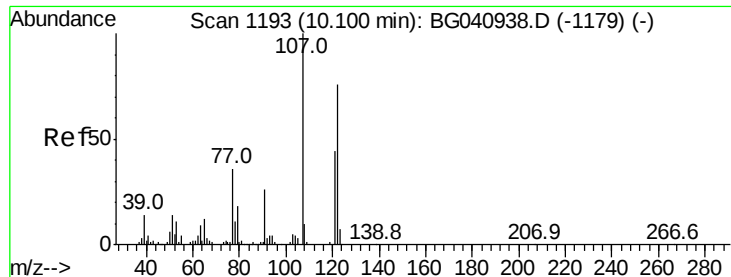
Acq: 12 Jun 2019 23:56

Tgt Ion:	139	Resp:	63592
Ion Ratio	Lower	Upper	
139	100		
109	43.2	29.8	44.6
65	65.4	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



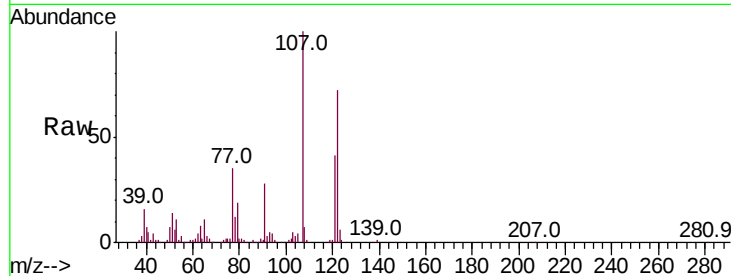


#27
2,4-Dimethylphenol
Concen: 33.786 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.1	105.9	158.9
121	57.2	46.2	69.4

Manual Integrations
APPROVED

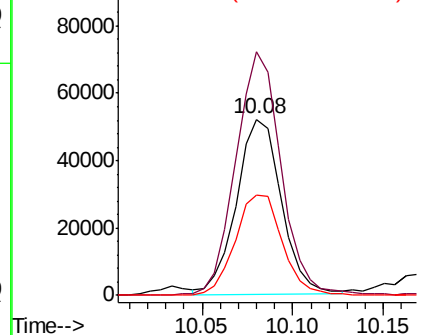


Abundance

Ion 122.00 (121.70 to 122.70): E

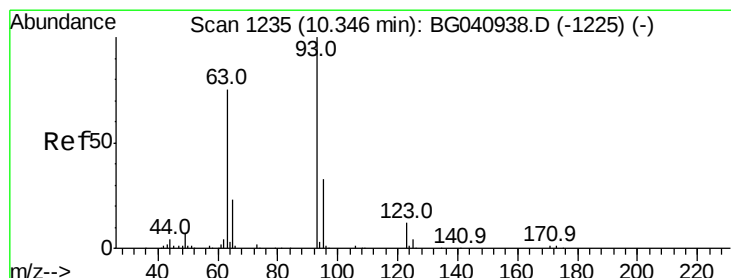
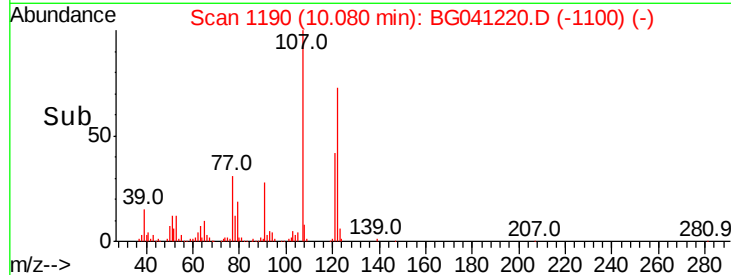
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



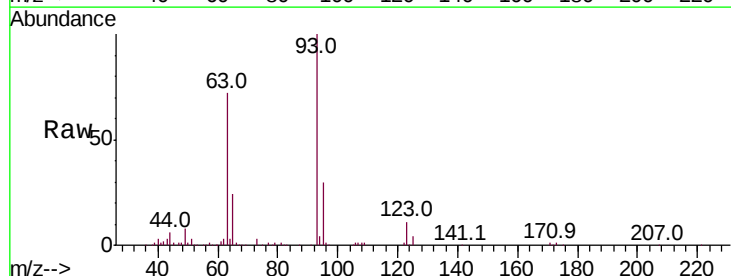
mohammad

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#28
bis(2-Chloroethoxy)methane
Concen: 34.493 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	26.2	39.2
123	10.6	9.5	14.3

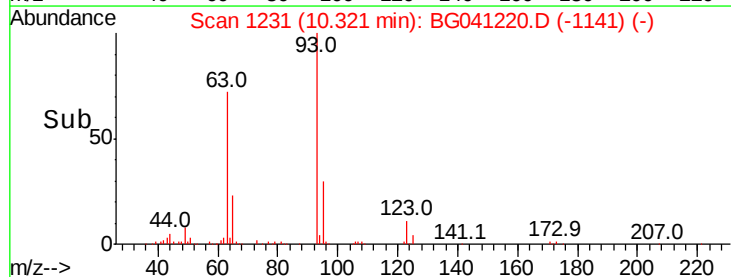
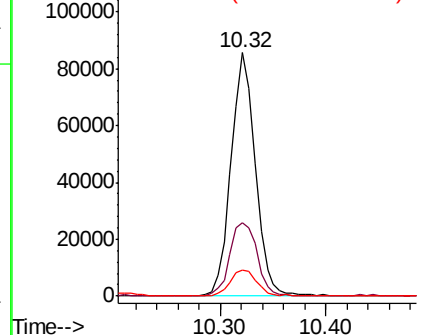


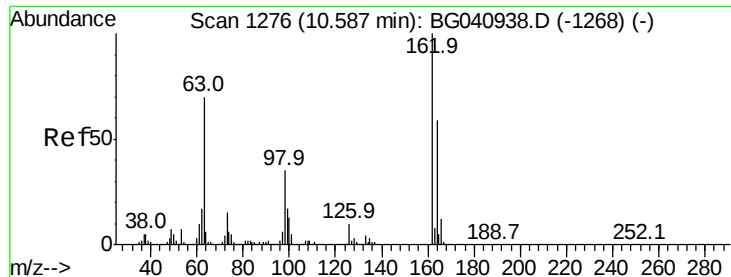
Abundance

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



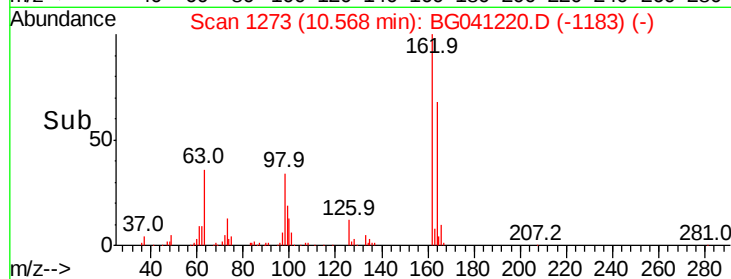
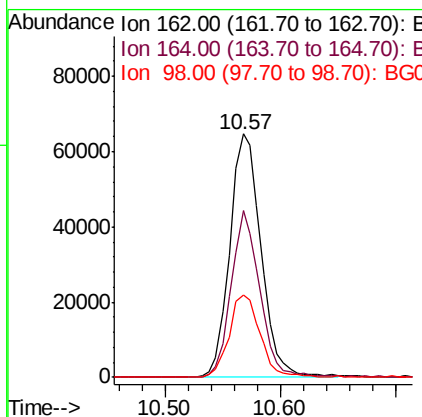
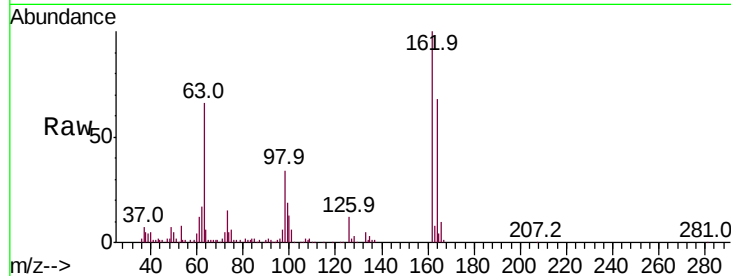


#29
2,4-Dichlorophenol
Concen: 35.649 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

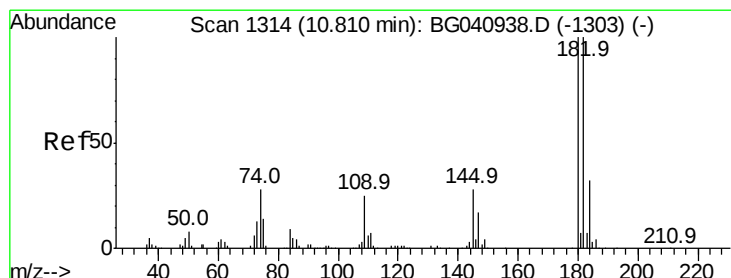
Tot Ion	Ratio	Resp	Lower	Upper
162	100	121106		
164	68.3	39.4	79.4	
98	33.9	15.3	55.3	

Manual Integrations
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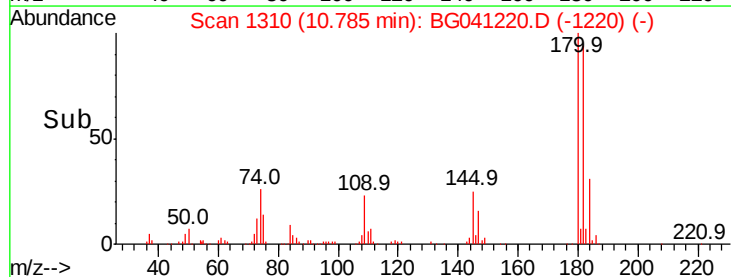
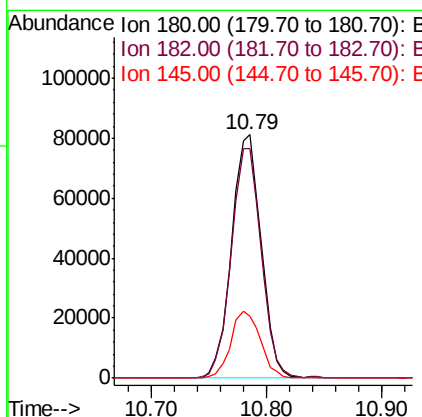
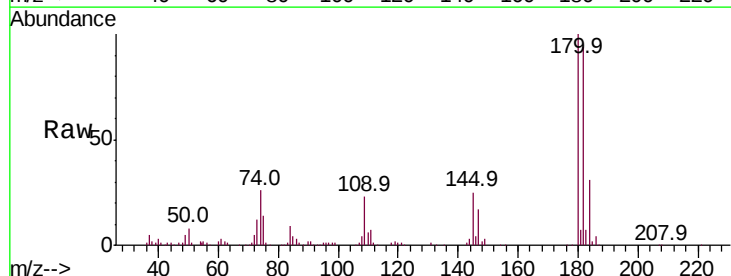
mohammad

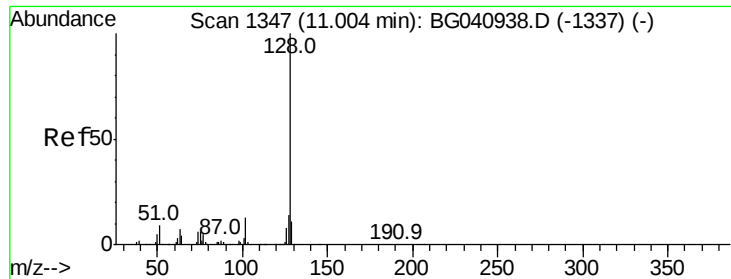
6/14/2019 8:37:04 AM



#30
1,2,4-Trichlorobenzene
Concen: 37.315 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	144205		
182	94.5	79.7	119.5	
145	25.4	22.6	34.0	



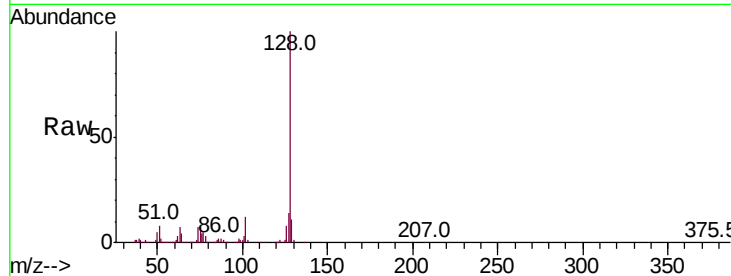


#31
Naphthalene
Concen: 39.079 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :
TI-658MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	14.1	11.4	17.2

Manual Integrations
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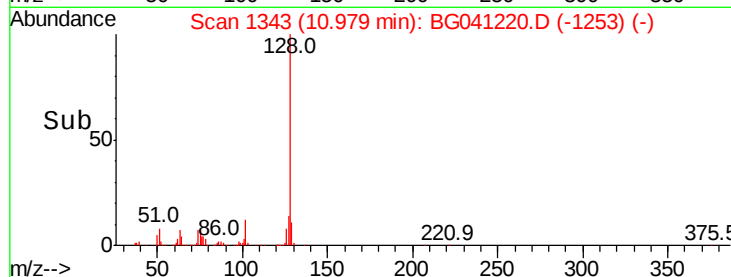
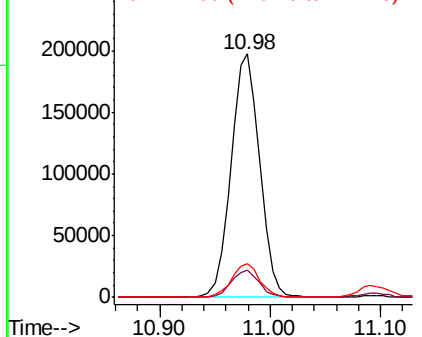


Abundance

Ion 128.00 (127.70 to 128.70): E

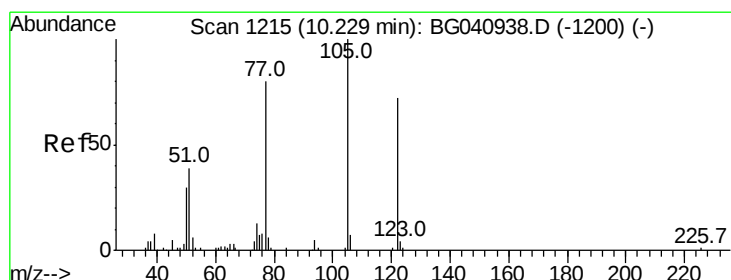
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



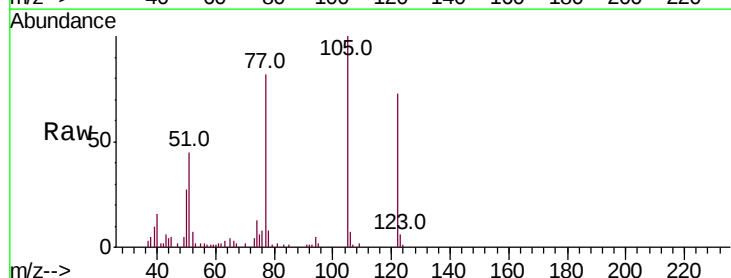
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#32
Benzoic acid
Concen: 26.986 ng m
RT: 10.21 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.6	114.8	154.8
77	111.5	89.9	129.9

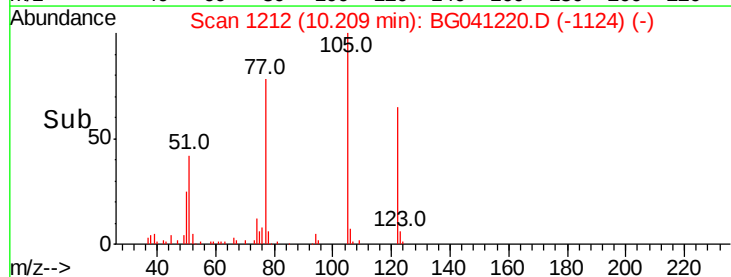
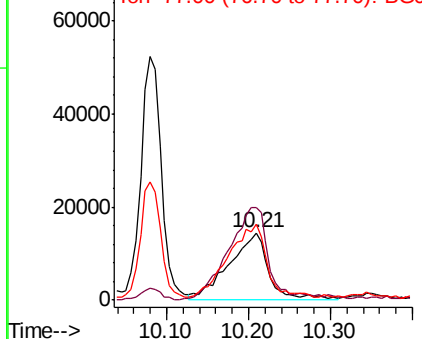


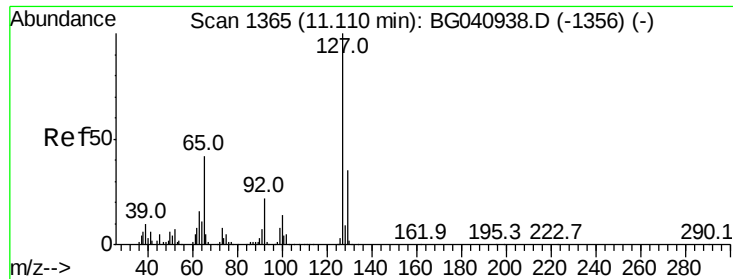
Abundance

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): BG



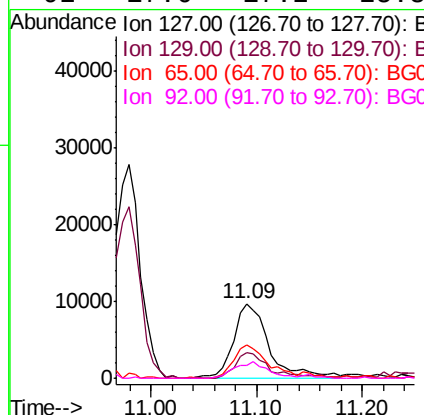
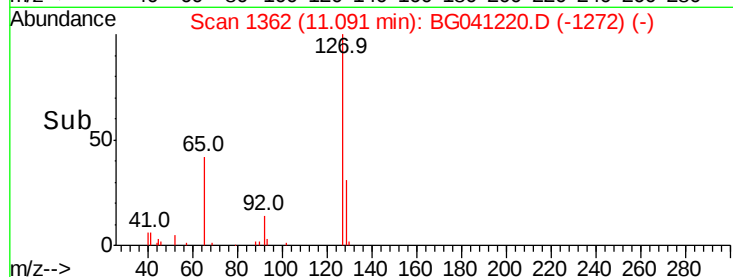
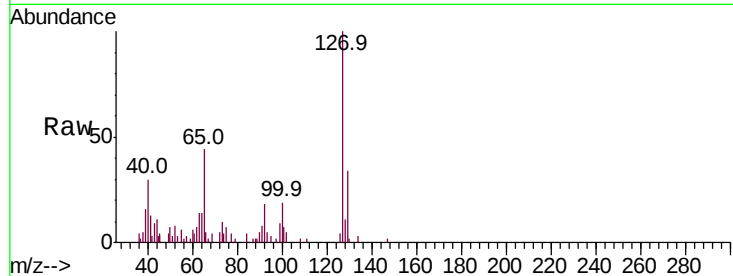


#33
4-Chloroaniline
Concen: 5.282 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

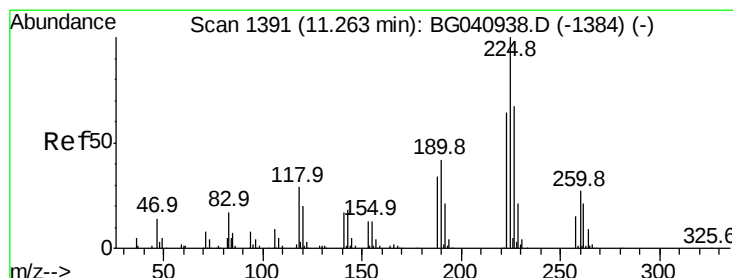
Tot Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.7	41.5
65	44.1	33.2	49.8
92	17.6	17.2	25.8

Manual Integrations
APPROVED



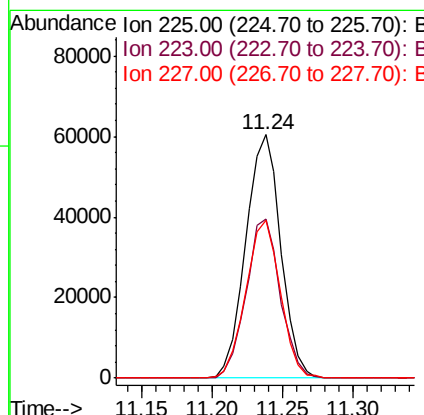
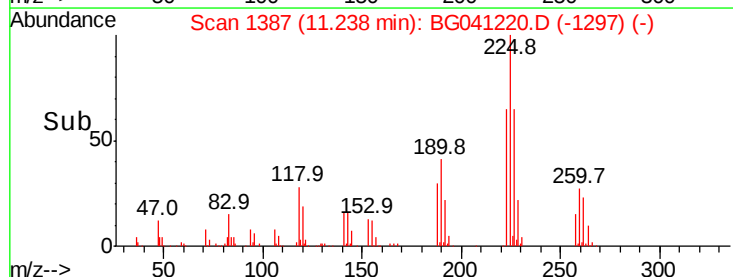
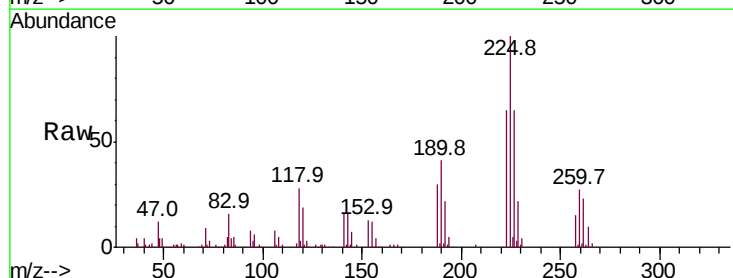
mohammad

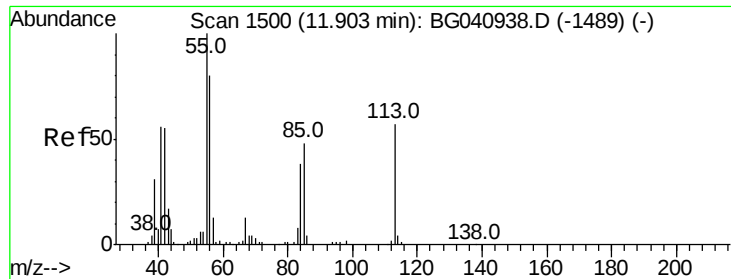
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#34
Hexachlorobutadiene
Concen: 35.512 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	48.8	73.2
227	67.8	51.4	77.0





#35

Caprolactam

Concen: 6.170 ng

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

BNA_G

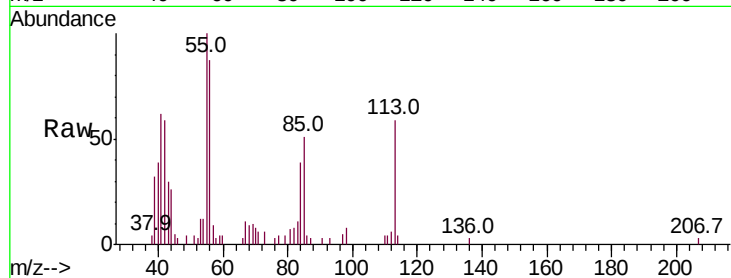
ClientSampleId :

TI-658MS

Tot Ion:113 Resp: 6922

Ion	Ratio	Lower	Upper
113	100		
55	170.3	155.9	195.9
56	148.8	119.9	159.9

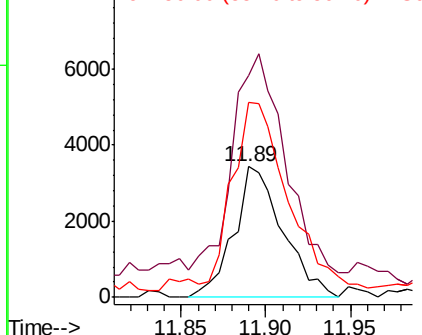
Manual Integrations
APPROVED



Abundance Ion 113.00 (112.70 to 113.70): E

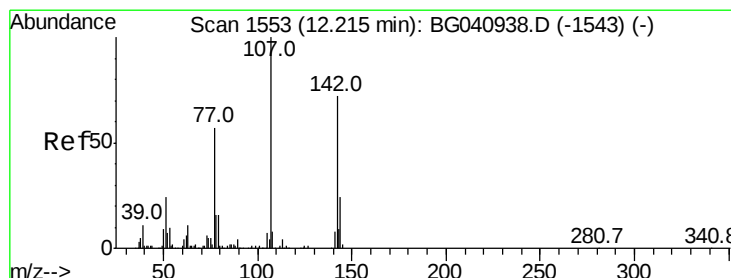
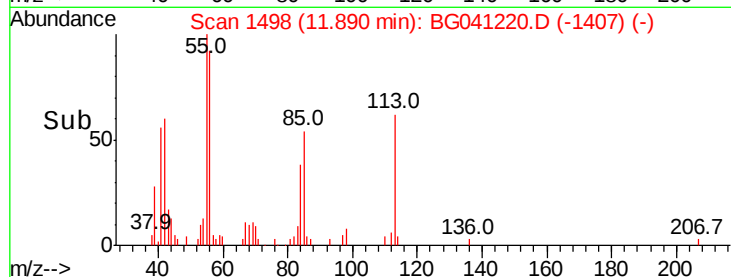
Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



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#36

4-Chloro-3-methylphenol

Concen: 32.129 ng

RT: 12.20 min Scan# 1550

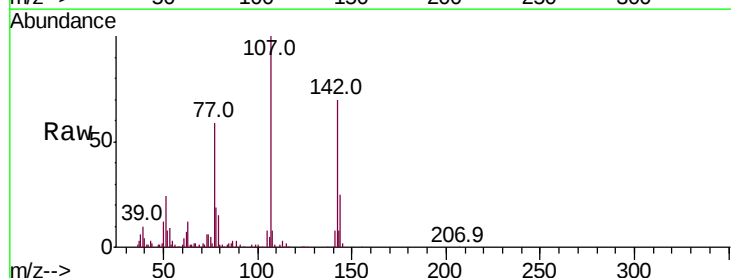
Delta R.T. 0.01 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:107 Resp: 124653

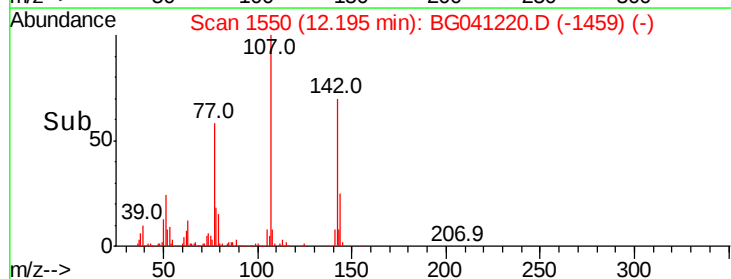
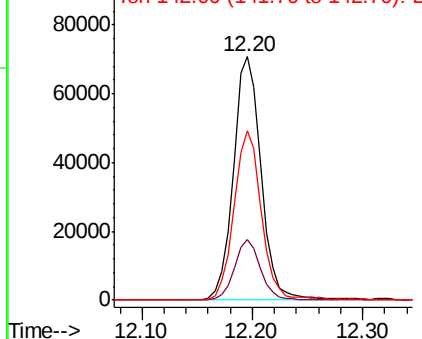
Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.4	29.0
142	69.8	57.3	85.9

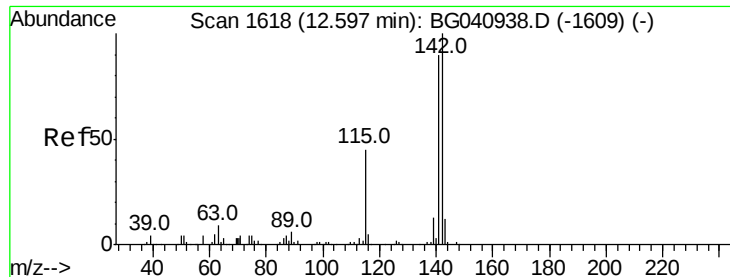


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



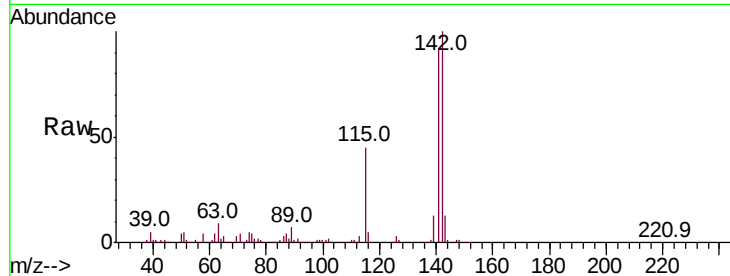


#37
2-Methylnaphthalene
Concen: 37.663 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :
TI-658MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.4
115	45.5	36.2	54.4

Manual Integrations
APPROVED

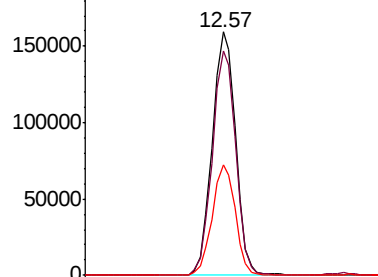


Abundance

Ion 142.00 (141.70 to 142.70): E

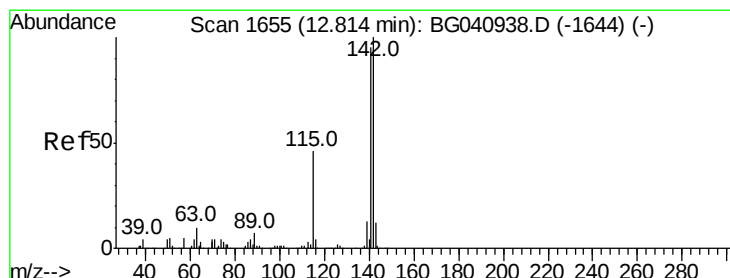
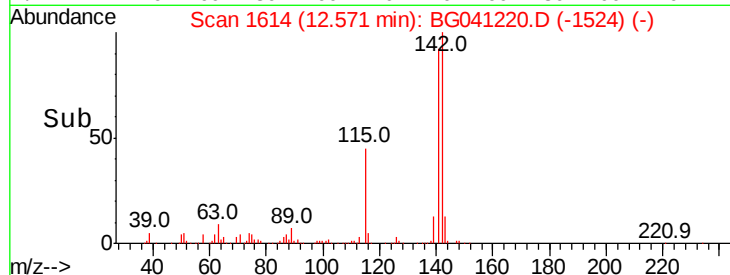
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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#38
1-Methylnaphthalene
Concen: 38.383 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

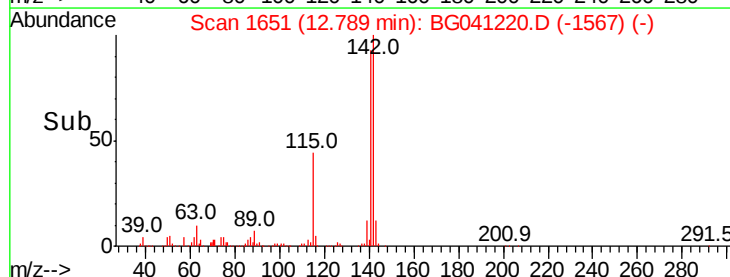
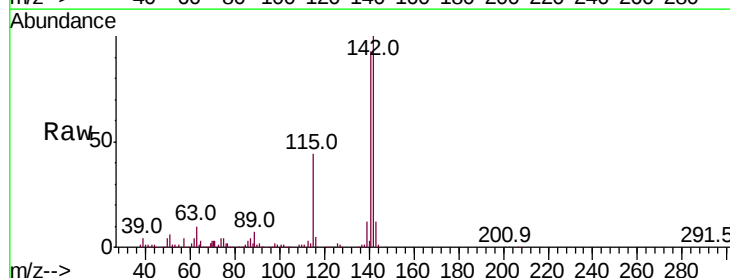
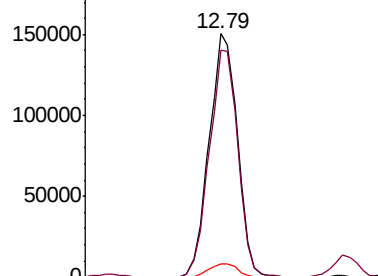
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.7	113.5
116	5.2	3.4	5.2#

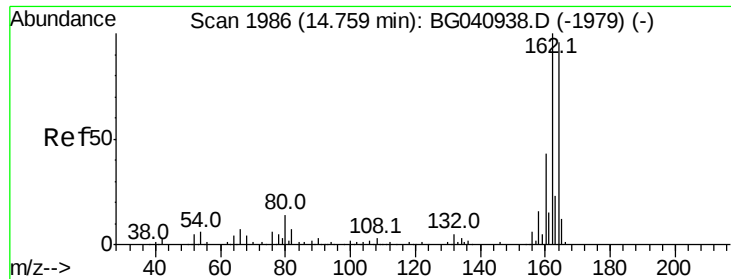
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



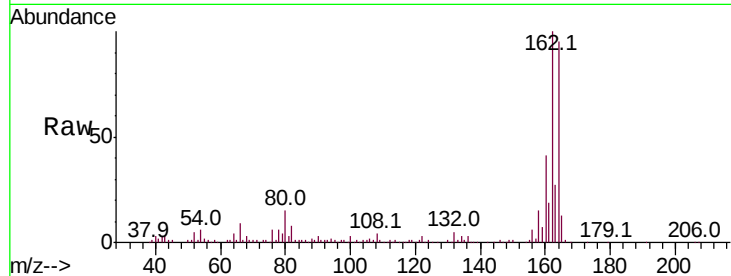


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	83.0	124.4
160	42.8	35.6	53.4

Manual Integrations
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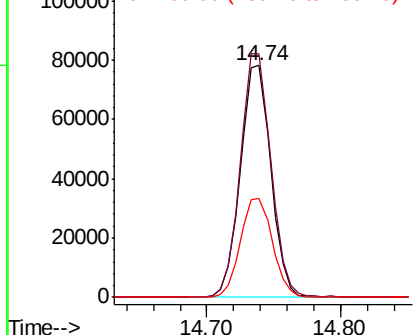


Abundance

Ion 164.00 (163.70 to 164.70): E

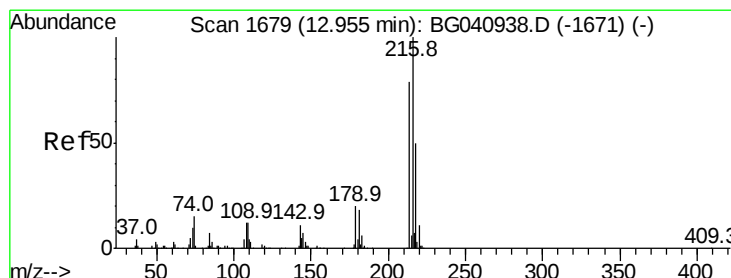
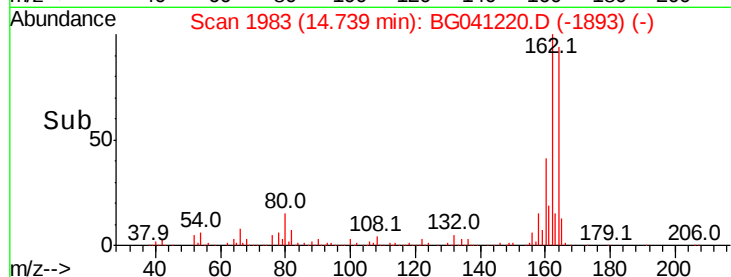
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.372 ng
RT: 12.94 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	18.9	15.2	22.8
108	16.3	11.4	17.2

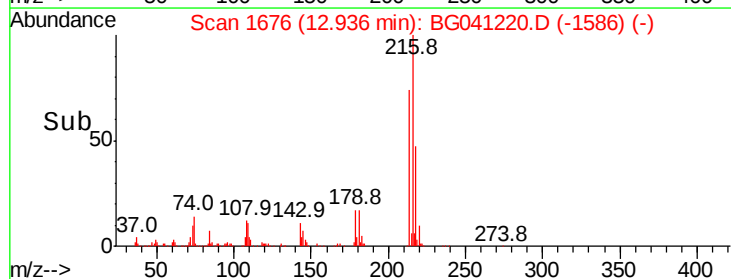
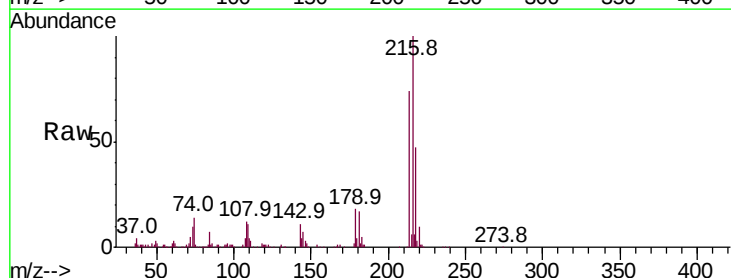
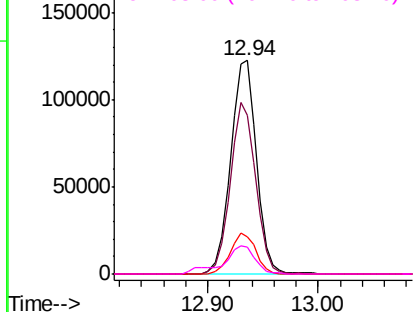
Abundance

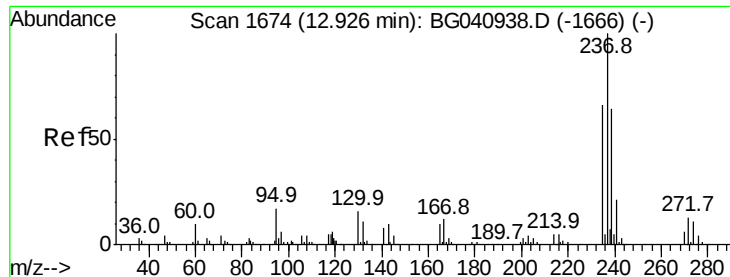
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.945 ng

RT: 12.89 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

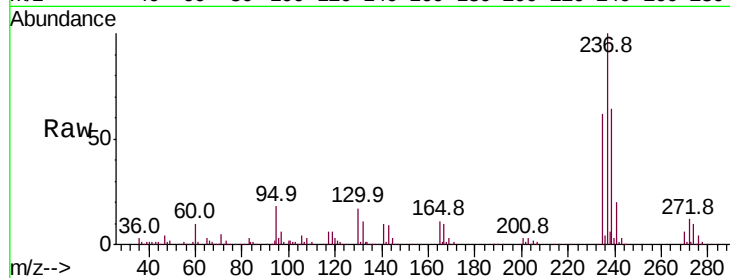
BNA_G

ClientSampled :

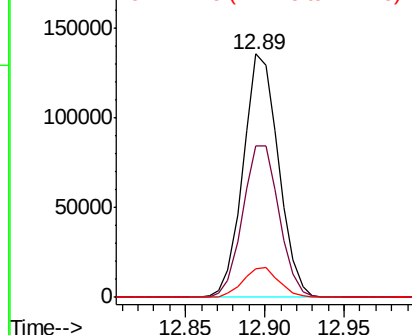
TI-658MS

Tot Ion:	237	Resp:	210082
Ion Ratio	Lower	Upper	
237	100		
235	62.3	45.5	85.5
272	11.7	0.0	32.9

Manual Integrations
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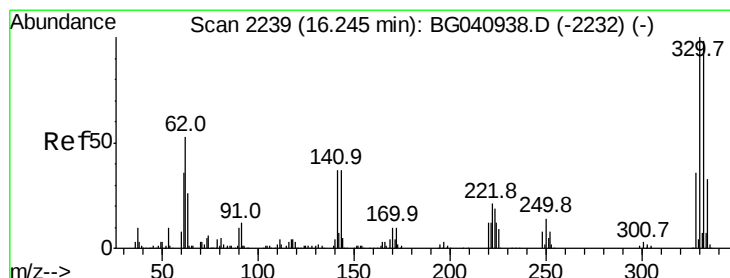
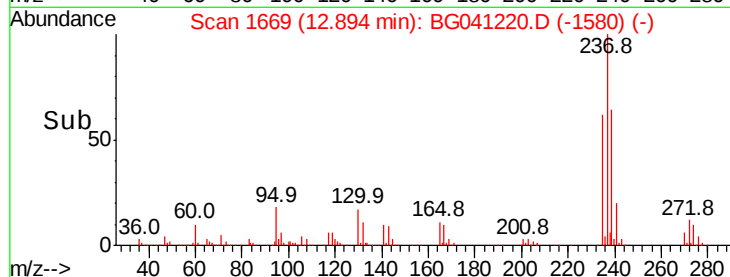


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#42

2,4,6-Tribromophenol

Concen: 84.705 ng

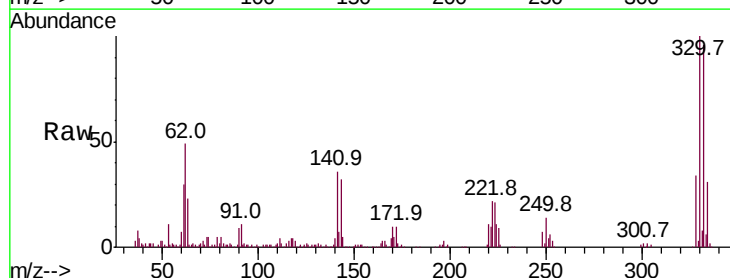
RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

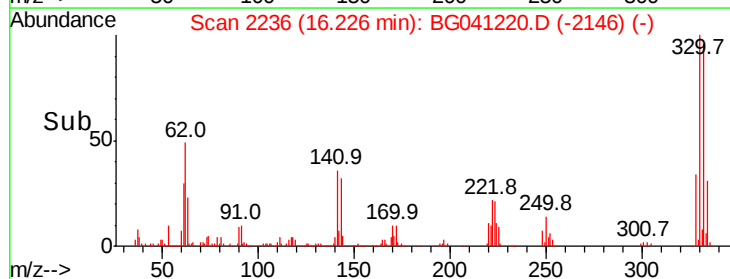
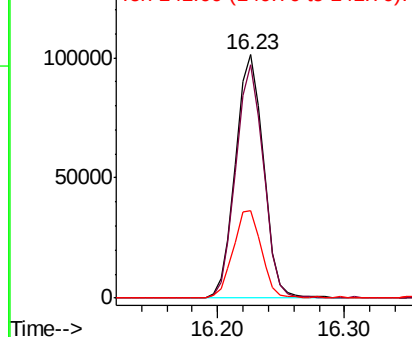
Lab File: BG041220.D

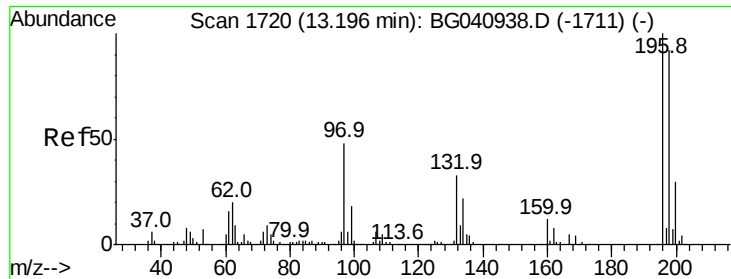
Acq: 12 Jun 2019 23:56

Tgt Ion:	330	Resp:	154689
Ion Ratio	Lower	Upper	
330	100		
332	95.0	78.5	117.7
141	36.5	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



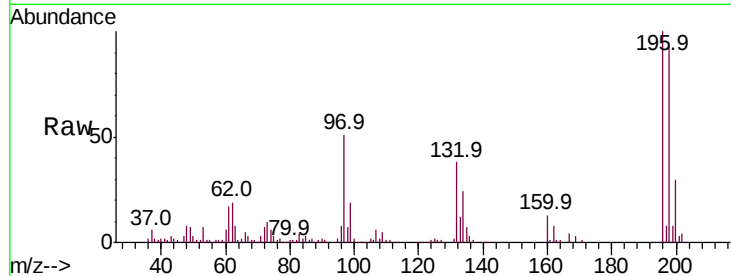


#43
 2,4,6-Trichlorophenol
 Concen: 38.709 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.9	73.8	110.6	
200	30.5	24.1	36.1	

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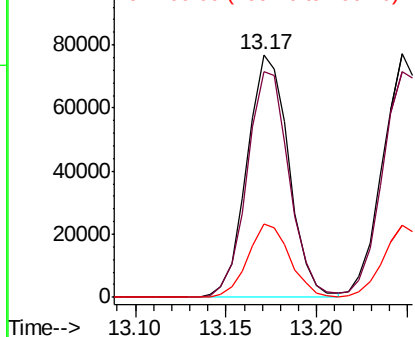


Abundance

Ion 196.00 (195.70 to 196.70): E

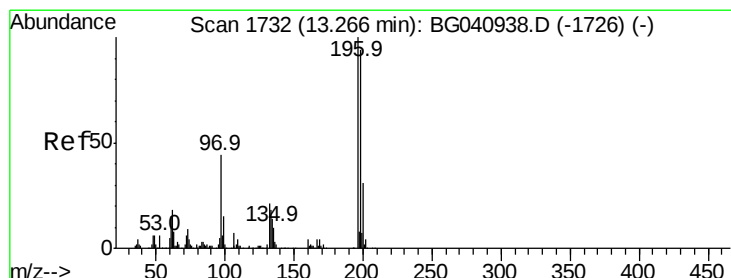
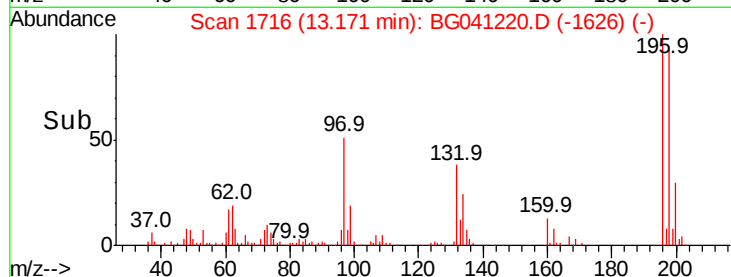
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44
 2,4,5-Trichlorophenol
 Concen: 38.375 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.5	75.1	112.7	
97	46.0	35.6	53.4	
132	23.3	16.7	25.1	

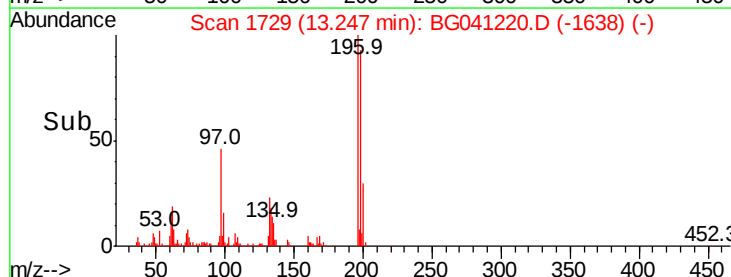
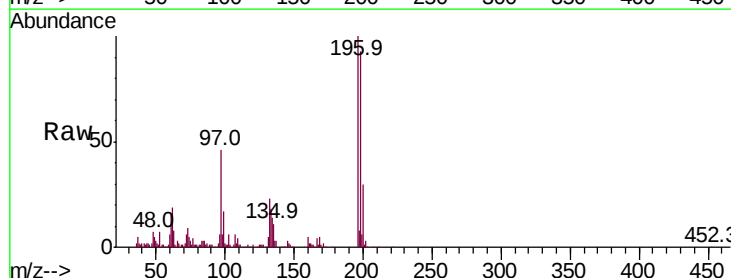
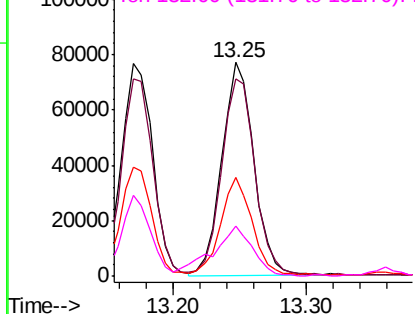
Abundance

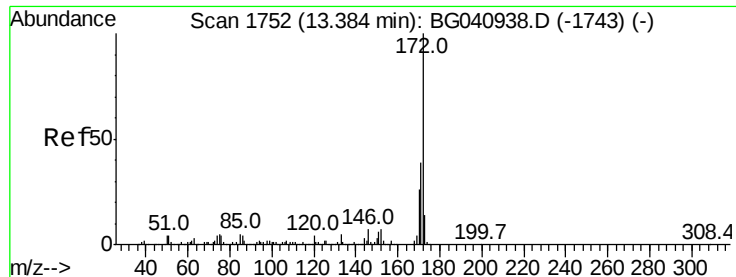
Ion 196.00 (195.70 to 196.70): E

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



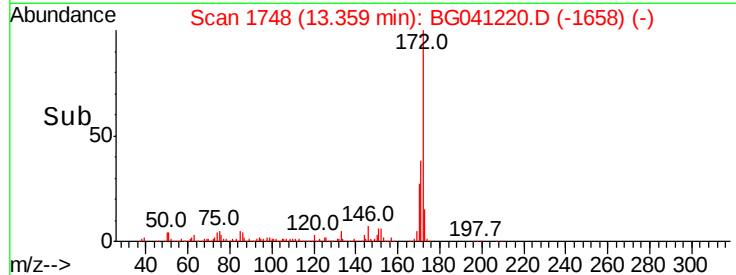
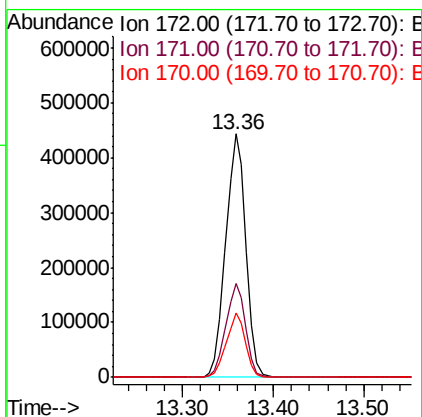
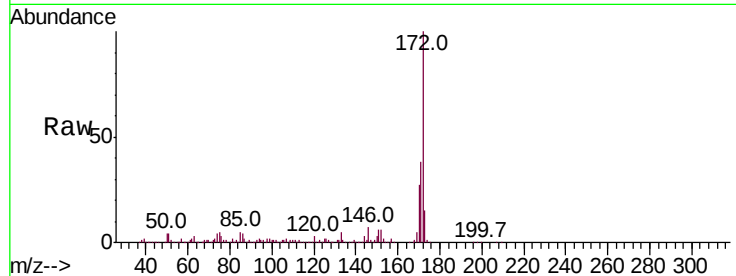


#45
2-Fluorobiphenyl
Concen: 79.757 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :
TI-658MS

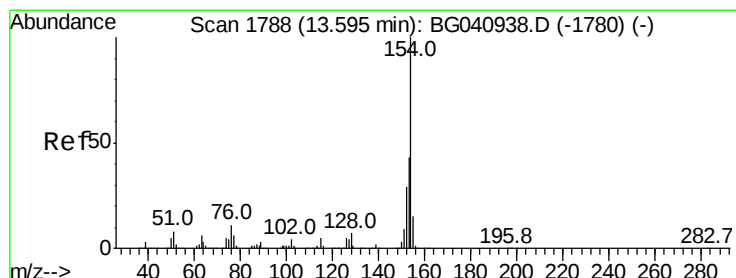
Tot Ion:	172	Resp:	681277
Ion Ratio	Lower	Upper	
172	100		
171	38.4	31.1	46.7
170	26.6	20.5	30.7

Manual Integrations
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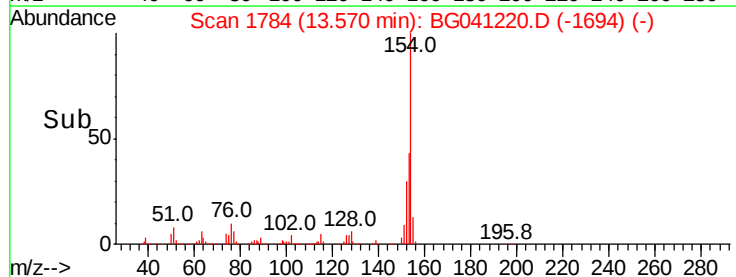
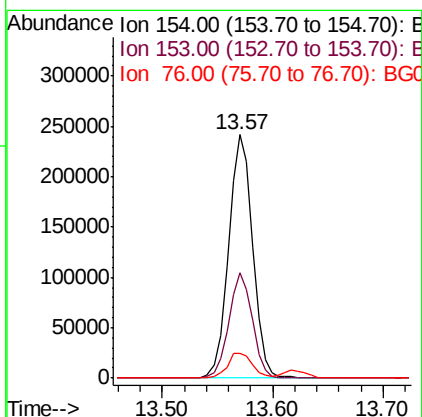
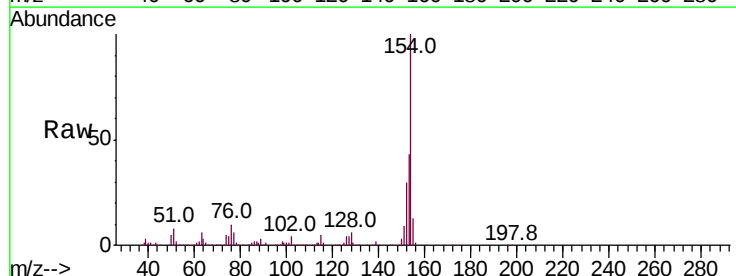
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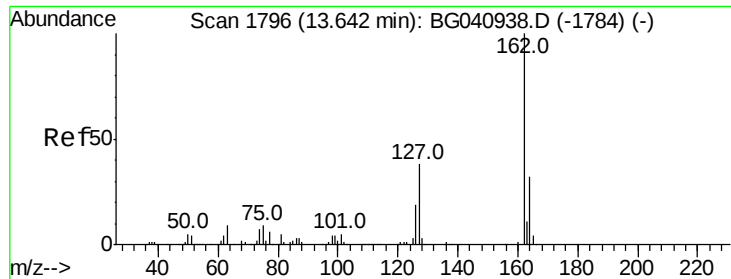
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#46
1,1'-Biphenyl
Concen: 40.332 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:	154	Resp:	367254
Ion Ratio	Lower	Upper	
154	100		
153	43.2	23.3	63.3
76	10.4	0.0	31.1



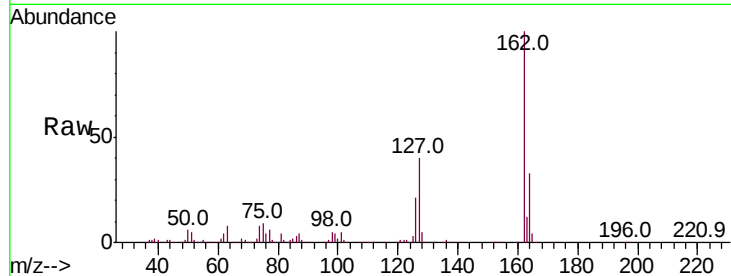


#47
 2-Chloronaphthalene
 Concen: 38.681 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tot Ion:	162	Resp:	302369
Ion Ratio	Lower	Upper	
162	100		
127	40.4	30.5	45.7
164	33.3	25.8	38.6

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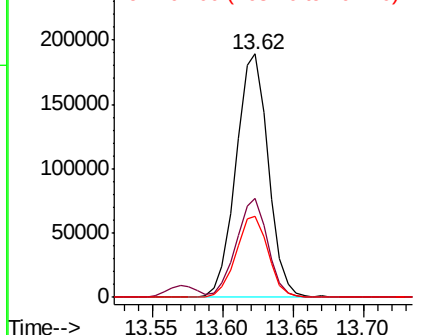


Abundance

Ion 162.00 (161.70 to 162.70): E

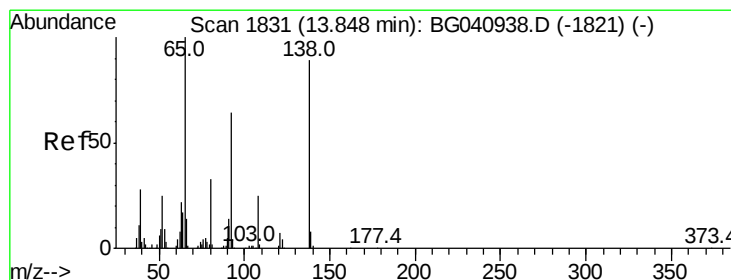
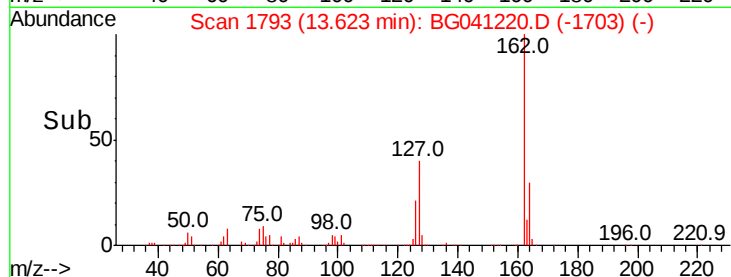
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



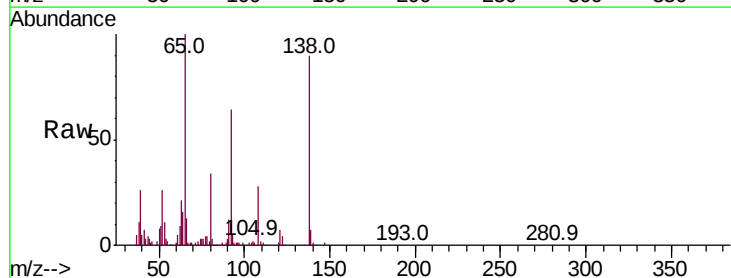
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#48
 2-Nitroaniline
 Concen: 36.284 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion:	65	Resp:	101752
Ion Ratio	Lower	Upper	
65	100		
92	63.7	51.0	76.6
138	89.9	71.2	106.8

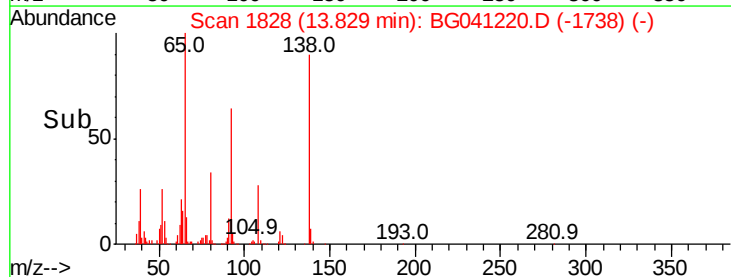
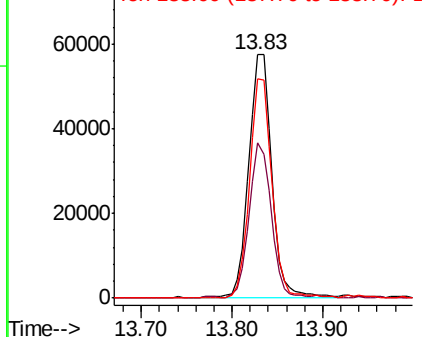


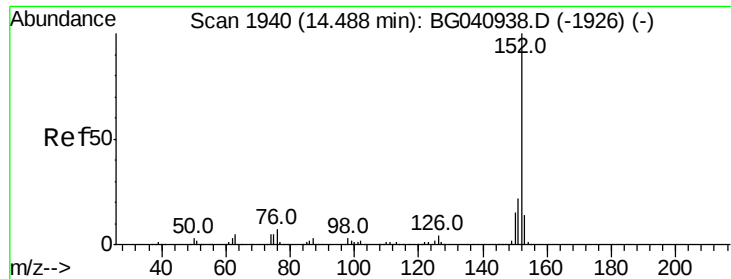
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.648 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

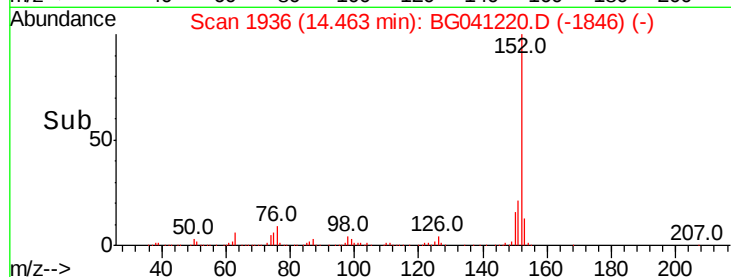
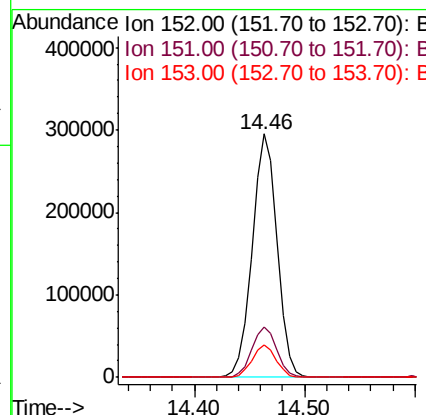
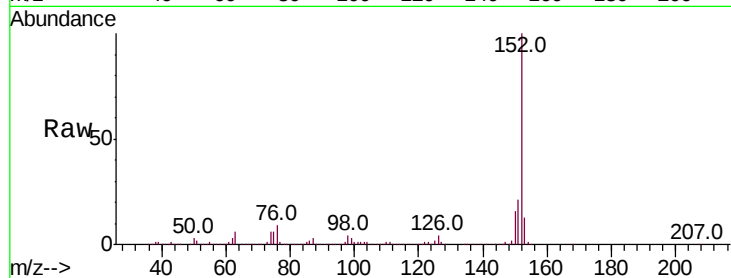
BNA_G

ClientSampled :

TI-658MS

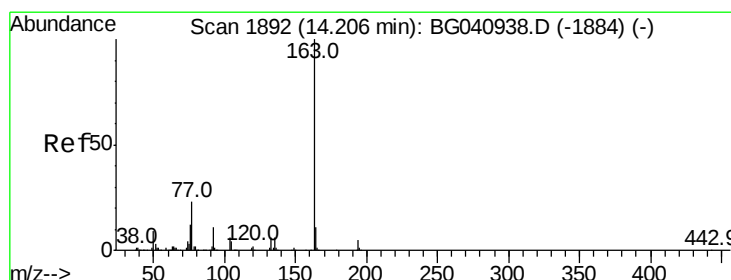
Tot Ion:	152	Resp:	466464
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.4	26.0
153	13.3	11.0	16.4

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#50

Dimethylphthalate

Concen: 41.121 ng

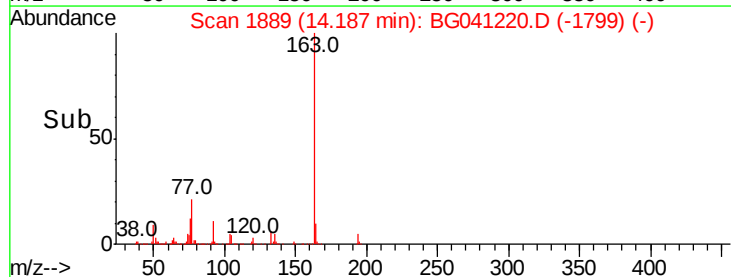
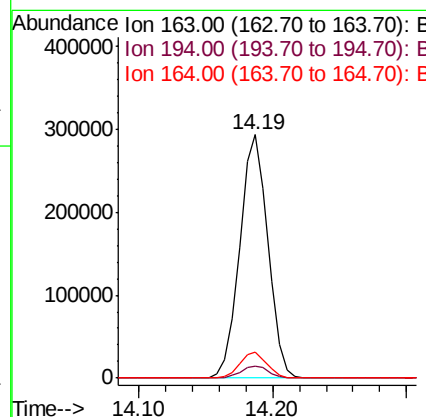
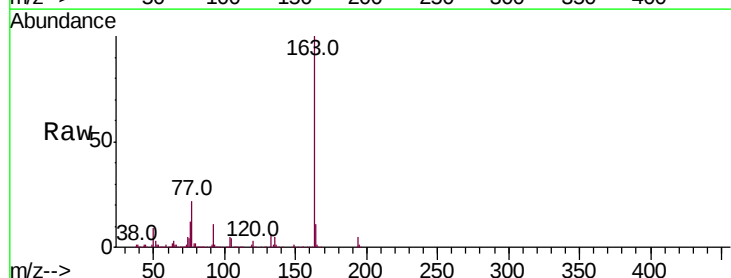
RT: 14.19 min Scan# 1889

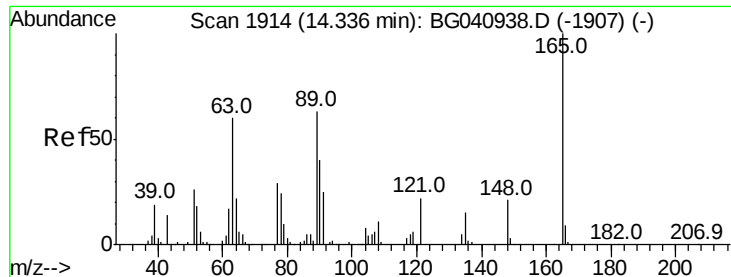
Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	163	Resp:	428196
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	10.6	8.7	13.1



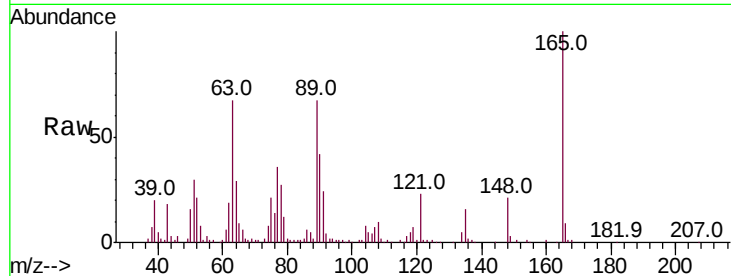


#51
 2,6-Dinitrotoluene
 Concen: 38.720 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.7	53.6	80.4
89	66.7	50.4	75.6

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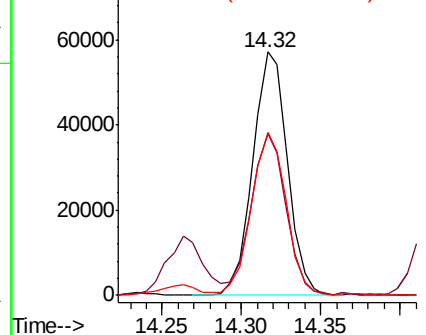


Abundance

Ion 165.00 (164.70 to 165.70): E

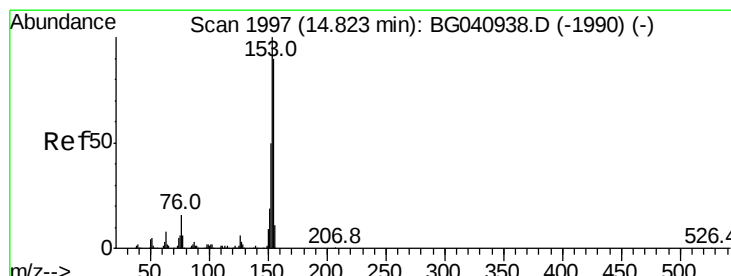
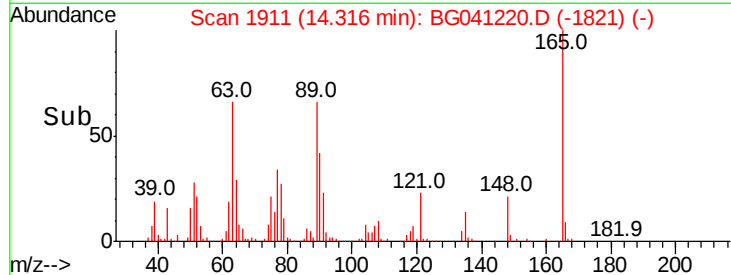
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



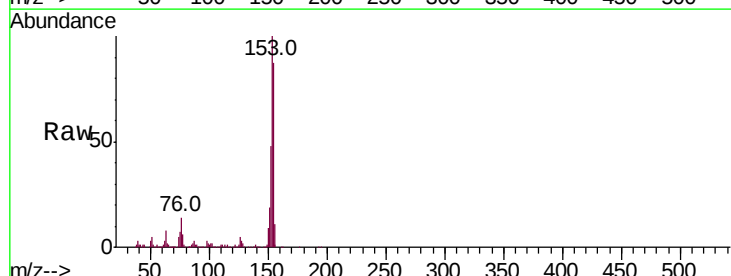
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#52
 Acenaphthene
 Concen: 38.541 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	88.6	133.0
152	55.3	44.2	66.4

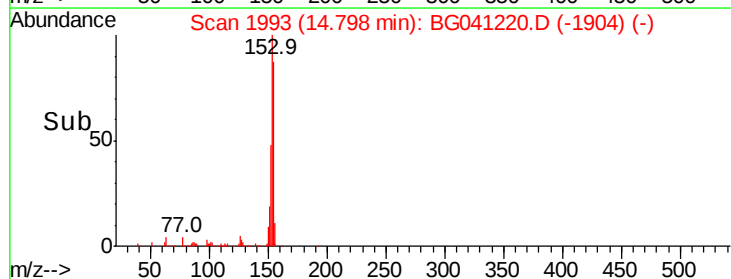
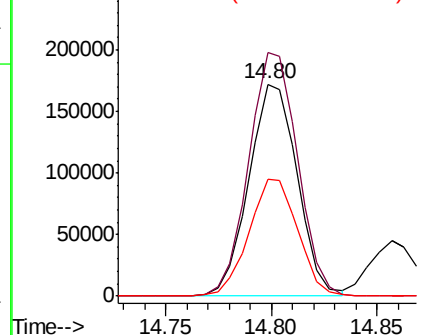


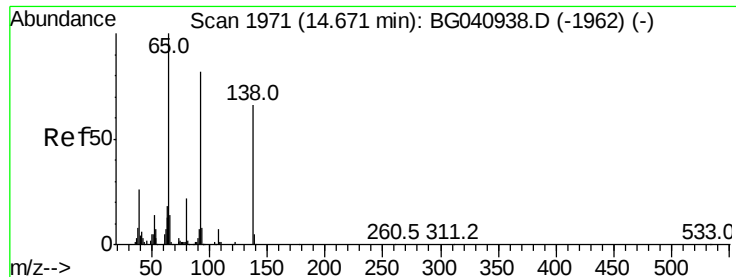
Abundance

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



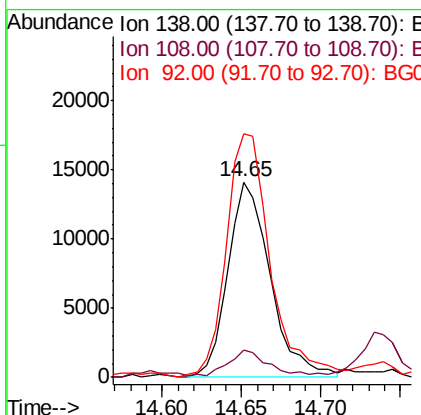
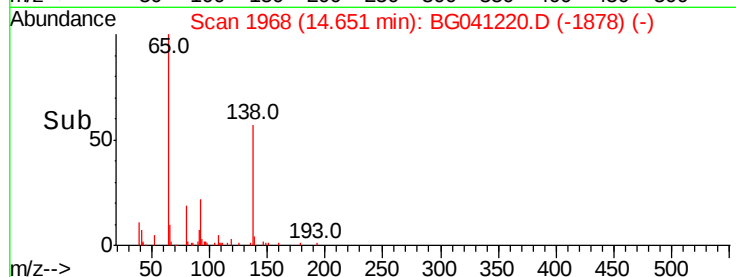
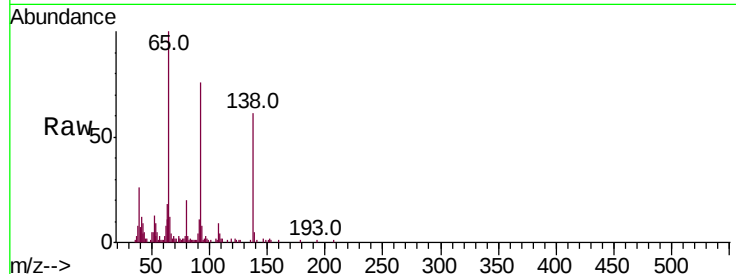


#53
3-Nitroaniline
Concen: 11.675 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

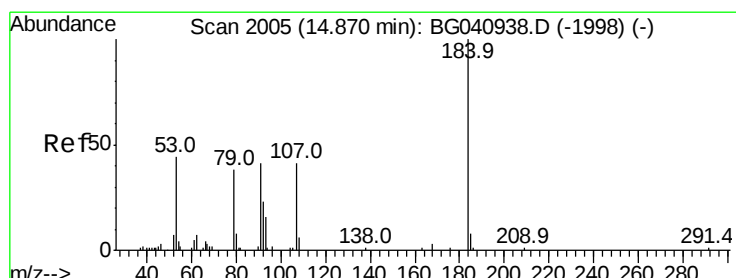
Tot Ion:138 Resp: 26212
Ion Ratio Lower Upper
138 100
108 14.1 8.5 12.7#
92 124.6 99.0 148.6

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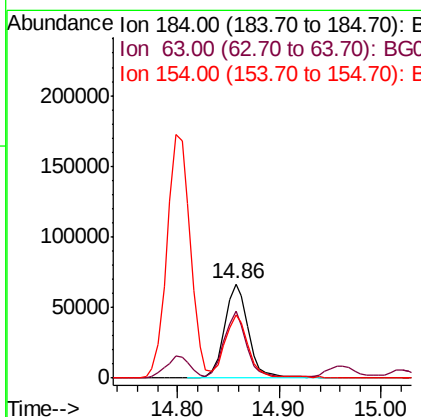
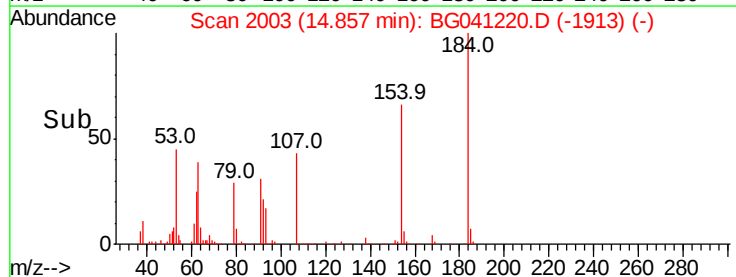
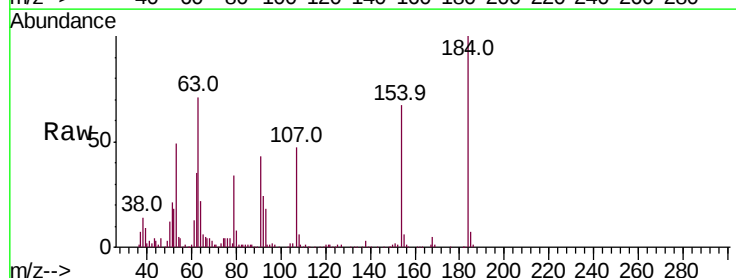
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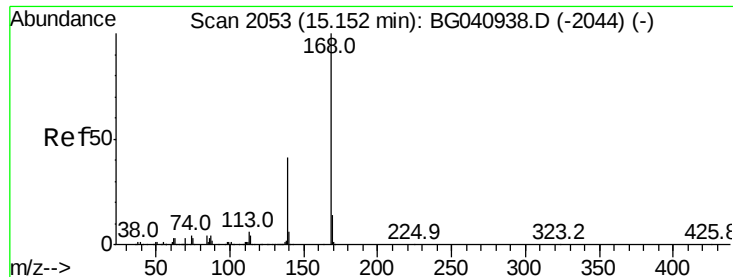
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#54
2,4-Dinitrophenol
Concen: 88.625 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:184 Resp: 108544
Ion Ratio Lower Upper
184 100
63 70.6 49.8 74.6
154 67.0 52.2 78.4



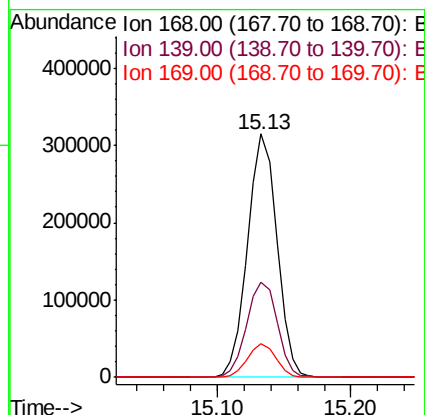
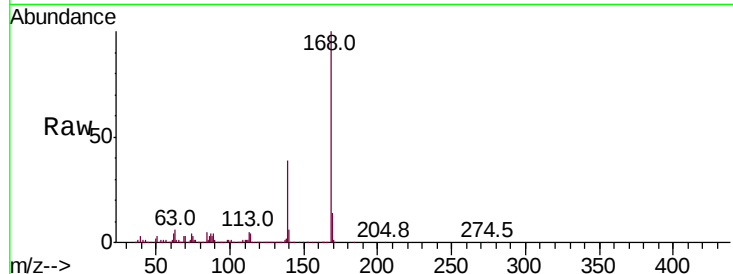


#55
Dibenzofuran
Concen: 39.892 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

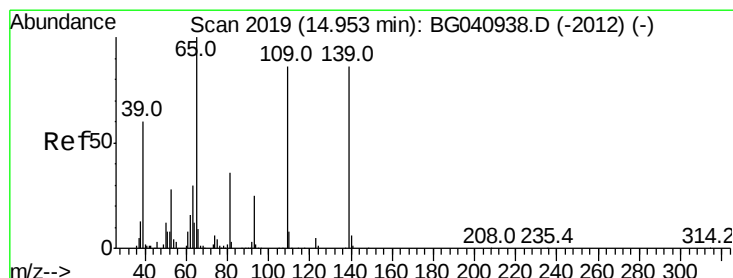
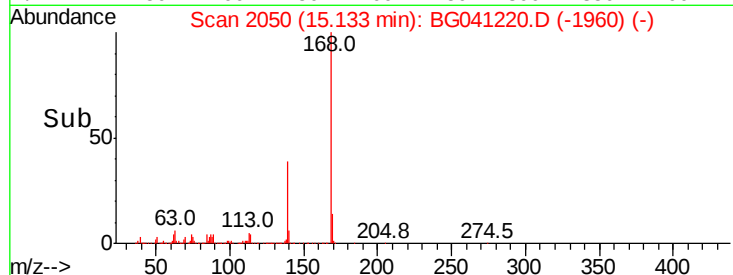
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	32.8	49.2
169	13.8	11.3	16.9

Manual Integrations
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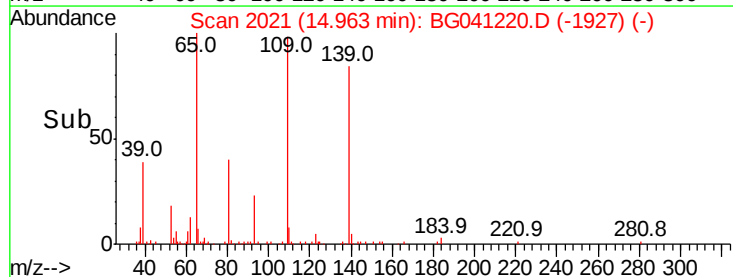
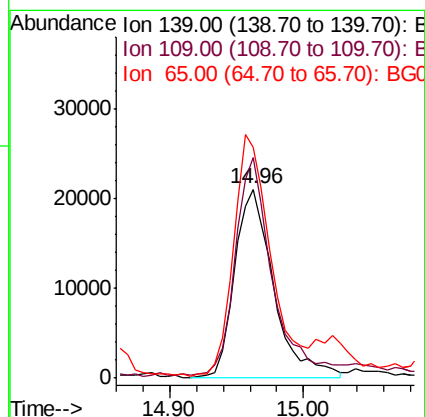
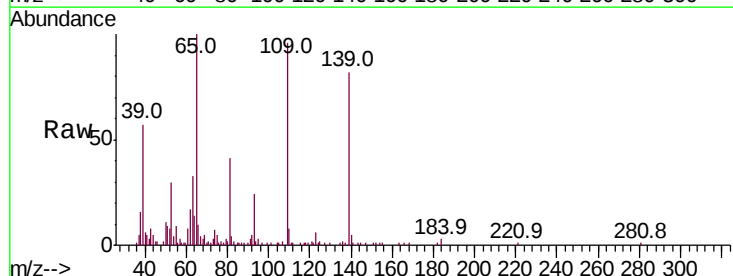
mohammad

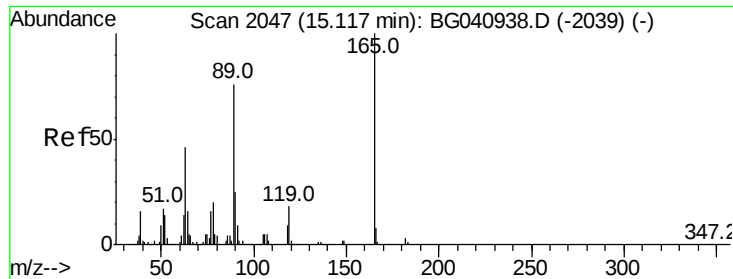
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#56
4-Nitrophenol
Concen: 27.846 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	117.1	79.6	119.6
65	122.5	96.9	136.9



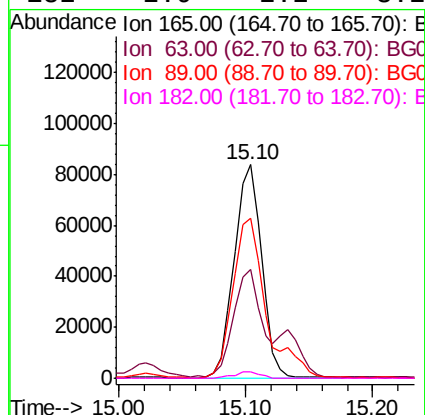
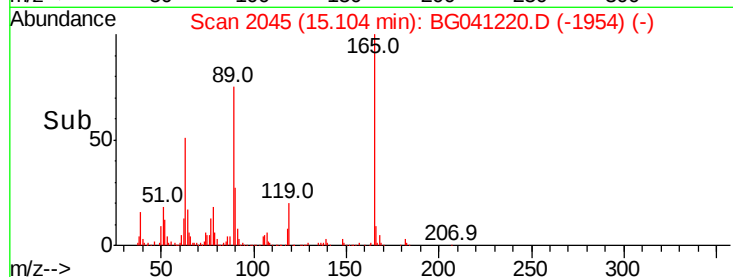
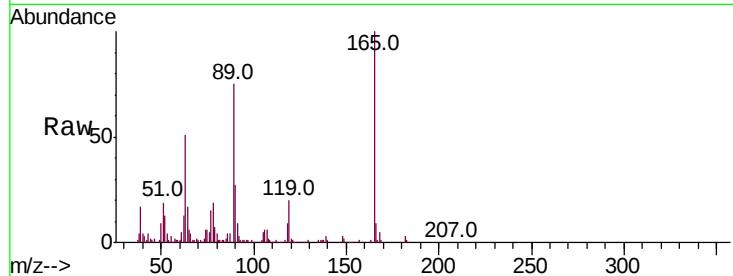


#57
2,4-Dinitrotoluene
Concen: 39.762 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

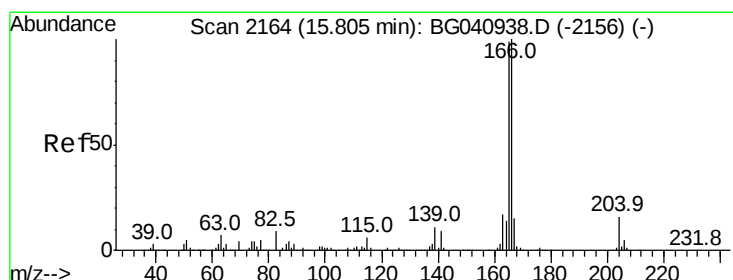
Tot Ion	Ratio	Resp	Lower	Upper
165	100	126103		
63	50.9	37.3	55.9	
89	75.0	61.0	91.6	
182	2.9	2.2	3.2	

Manual Integrations
APPROVED



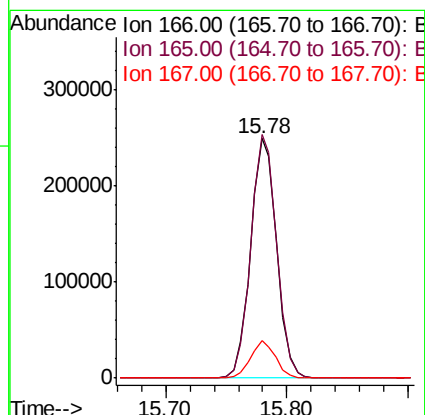
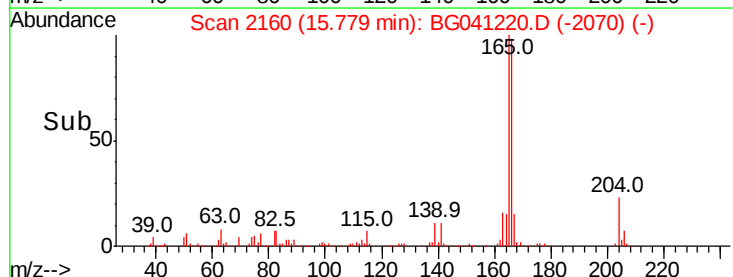
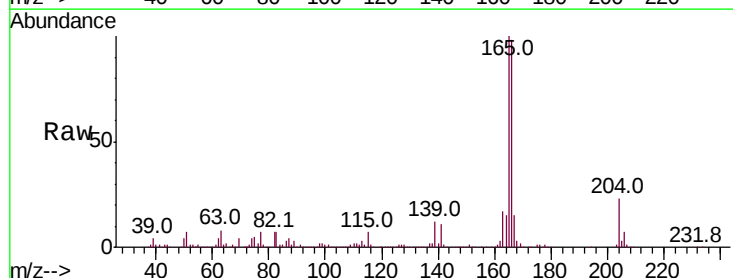
mohammad

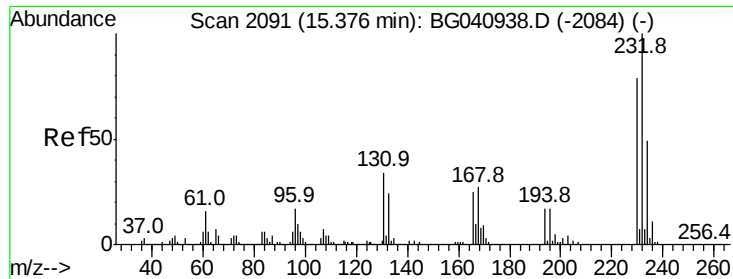
6/14/2019 8:37:04 AM



#58
Fluorene
Concen: 39.050 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	372963		
165	101.7	79.2	118.8	
167	15.5	11.8	17.6	



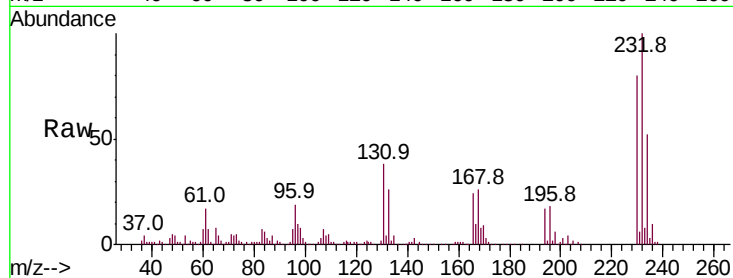


#59
2,3,4,6-Tetrachlorophenol
Concen: 40.878 ng
RT: 15.36 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

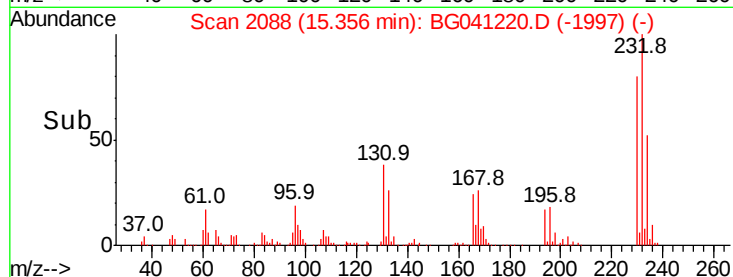
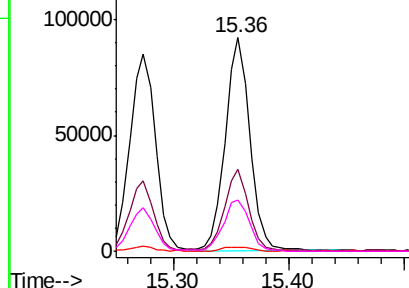
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	135891		
131	37.3		30.3	45.5
130	2.5		1.8	2.8
166	25.7		21.3	31.9

Manual Integrations
APPROVED

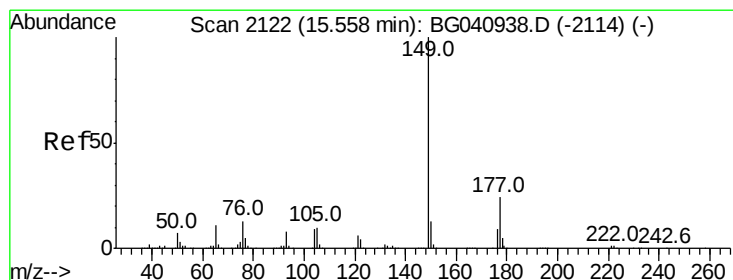


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



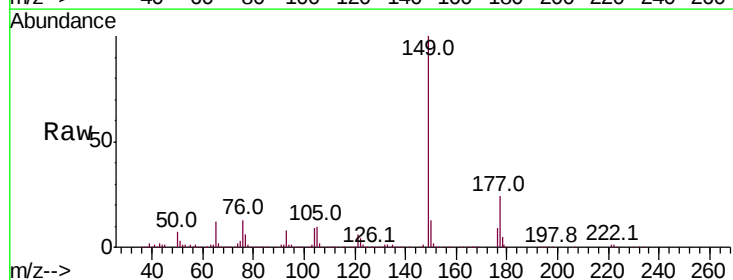
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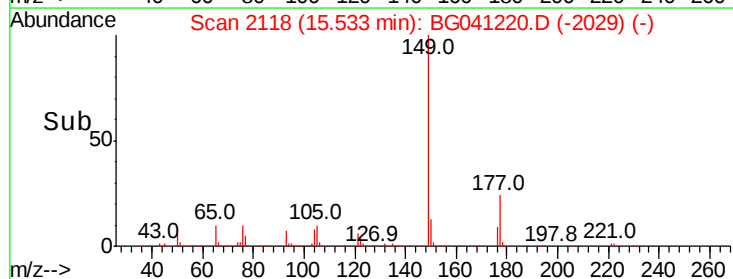
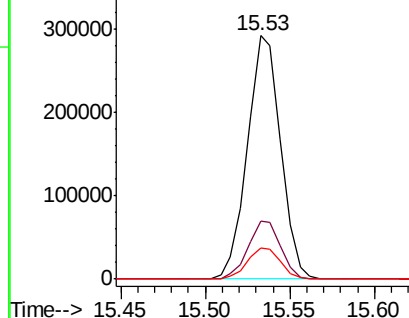


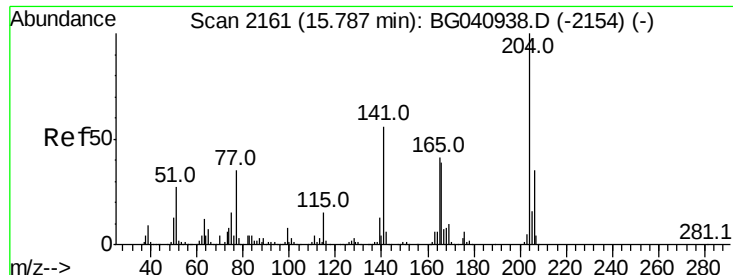
#60
Diethylphthalate
Concen: 37.713 ng
RT: 15.53 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	400766		
177	23.7		19.4	29.0
150	13.0		10.3	15.5



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



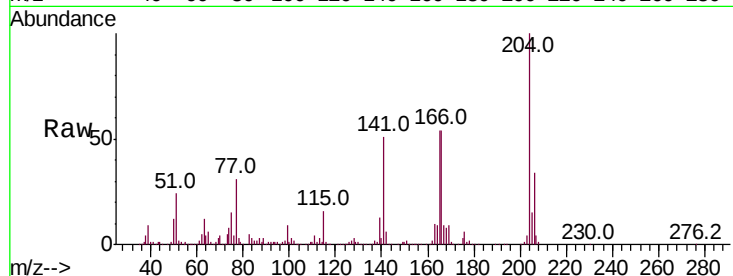


#61
4-Chlorophenyl-phenylether
Concen: 38.418 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

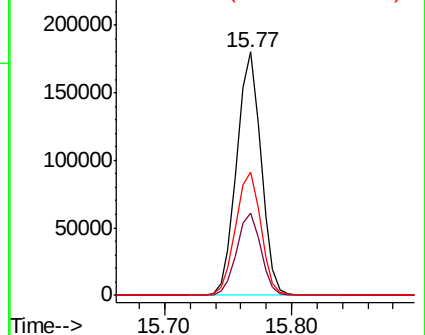
Instrument :
BNA_G
ClientSampled :
TI-658MS

Tot Ion:	204	Resp:	238491
Ion Ratio	Lower	Upper	
204	100		
206	33.9	27.6	41.4
141	50.8	45.1	67.7

Manual Integrations
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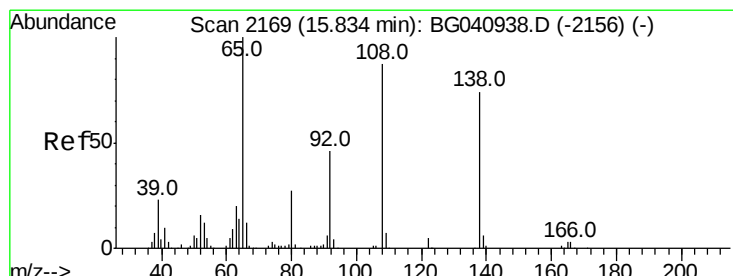
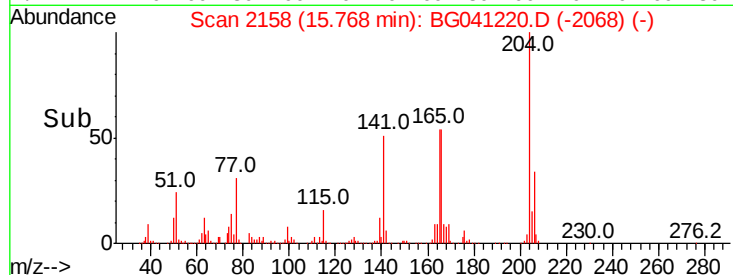


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



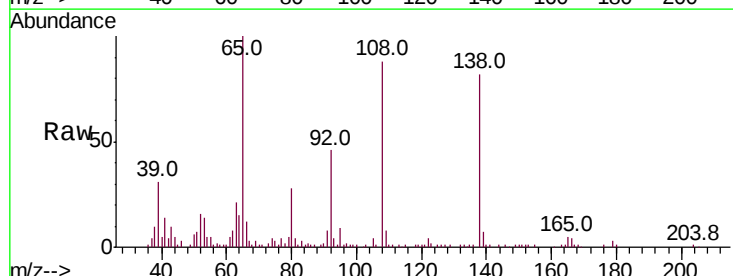
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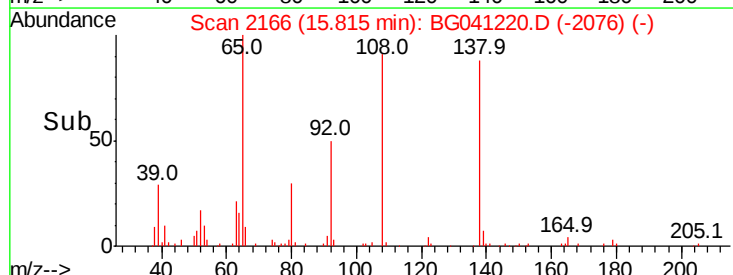
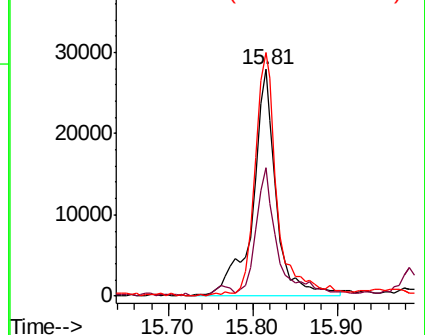


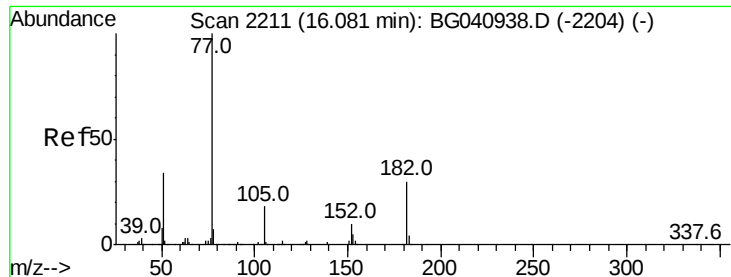
#62
4-Nitroaniline
Concen: 22.986 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:	138	Resp:	54634
Ion Ratio	Lower	Upper	
138	100		
92	56.6	42.4	82.4
108	107.5	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



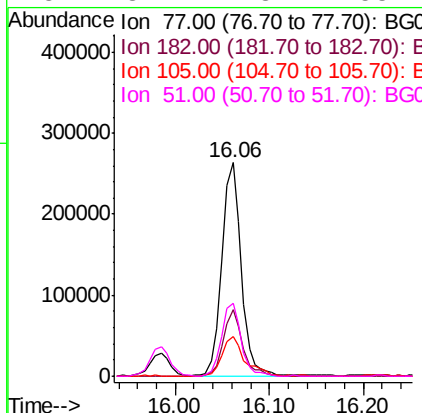
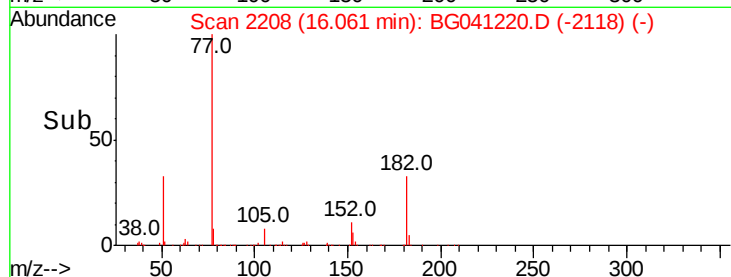
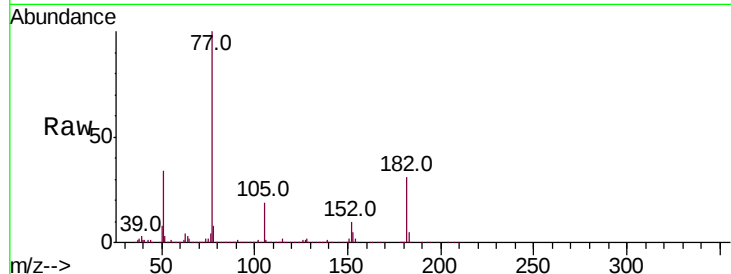


#63
Azobenzene
Concen: 39.099 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

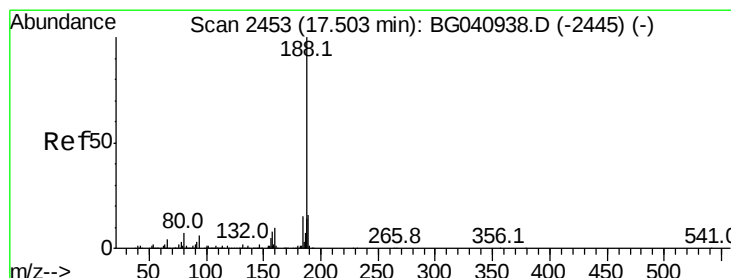
Tot Ion:	77	Resp:	377641
Ion Ratio	Lower	Upper	
77	100		
182	30.9	9.6	49.6
105	18.8	0.0	37.5
51	34.4	13.7	53.7

Manual Integrations
APPROVED



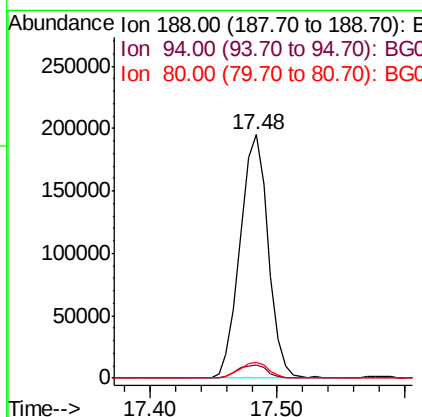
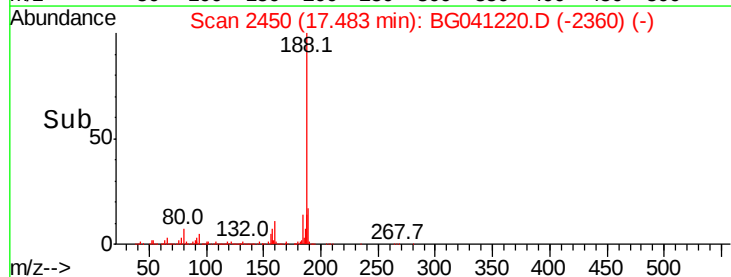
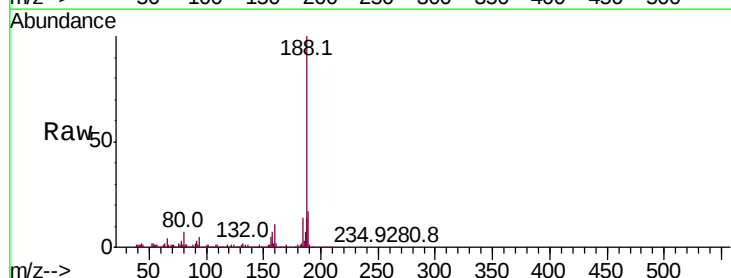
mohammad

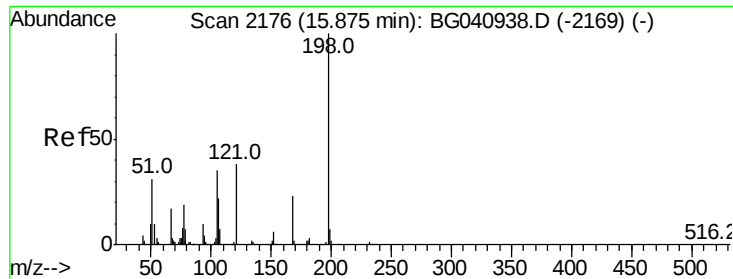
6/14/2019 8:37:04 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion:	188	Resp:	300027
Ion Ratio	Lower	Upper	
188	100		
94	5.3	4.7	7.1
80	6.7	5.8	8.8





#65

4,6-Dinitro-2-methylphenol

Concen: 46.716 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

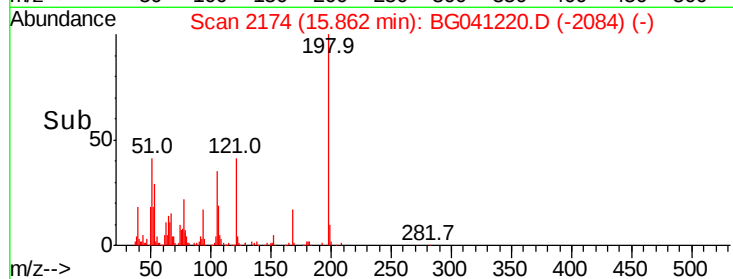
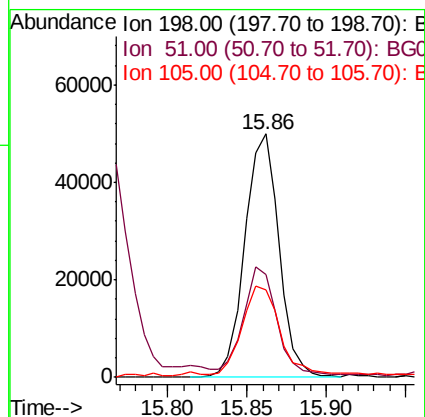
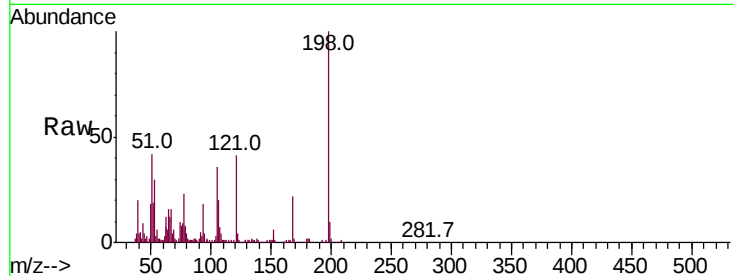
BNA_G

ClientSampled :

TI-658MS

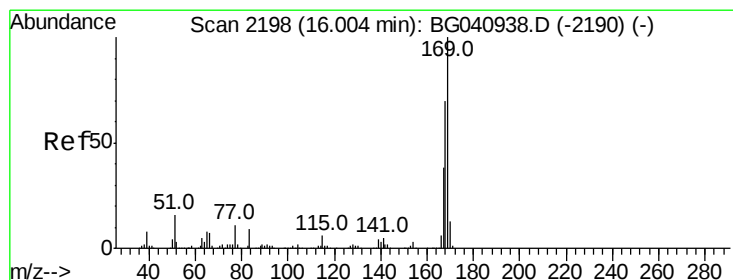
Tot Ion:	198	Resp:	74657
Ion Ratio	Lower	Upper	
198	100		
51	42.1	21.6	61.6
105	36.0	17.5	57.5

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 40.269 ng

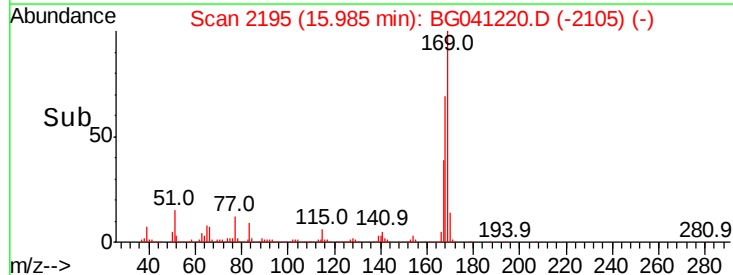
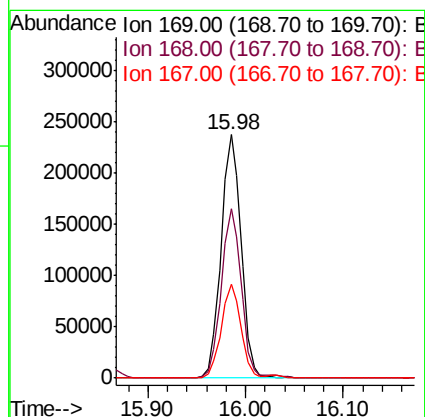
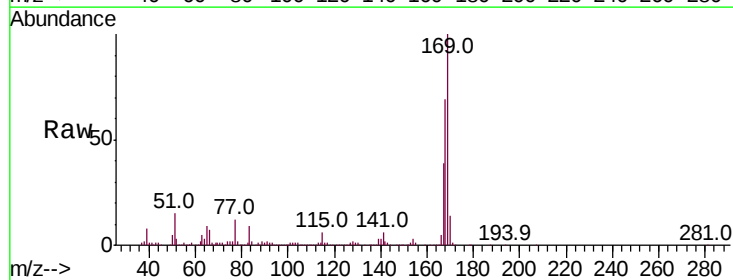
RT: 15.98 min Scan# 2195

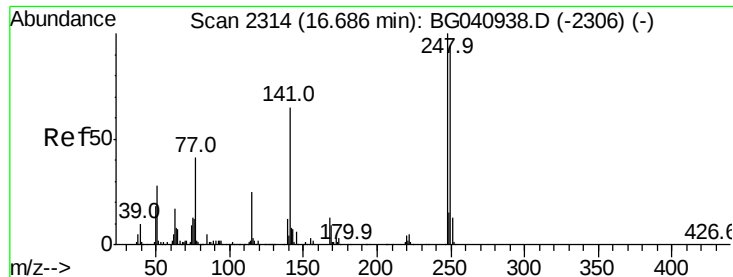
Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	169	Resp:	339634
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.7	83.5
167	38.8	30.2	45.2





#67

4-Bromophenyl-phenylether

Concen: 38.424 ng

RT: 16.66 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

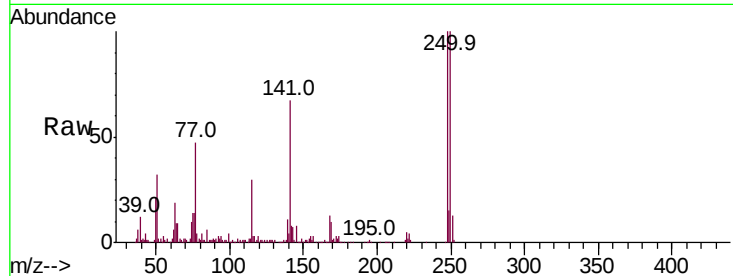
BNA_G

ClientSampleId :

TI-658MS

Tot Ion:	248	Resp:	155578
Ion Ratio	Lower	Upper	
248	100		
250	99.7	75.0	112.4
141	67.3	52.4	78.6

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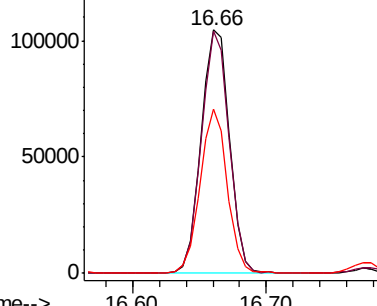


Abundance

Ion 248.00 (247.70 to 248.70): E

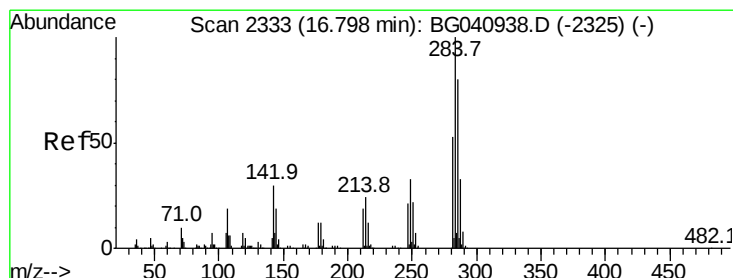
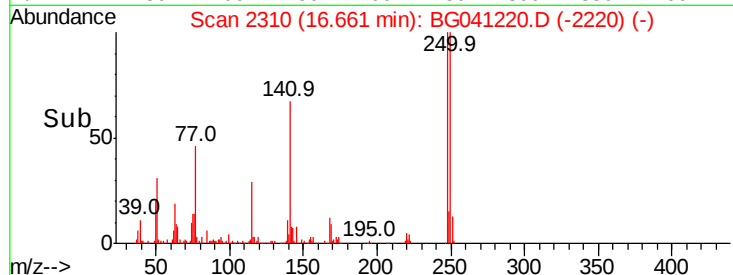
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#68

Hexachlorobenzene

Concen: 37.717 ng

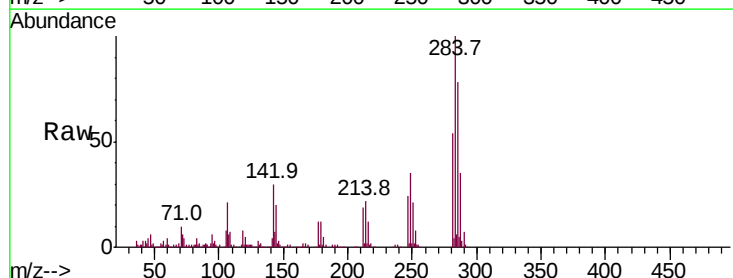
RT: 16.77 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Tgt Ion:	284	Resp:	162616
Ion Ratio	Lower	Upper	
284	100		
142	29.9	23.9	35.9
249	34.6	26.8	40.2

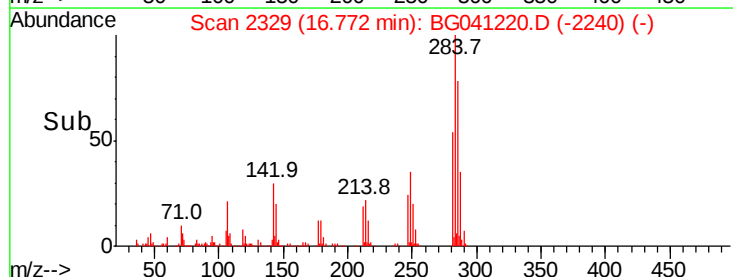
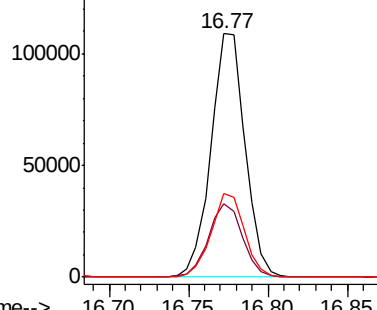


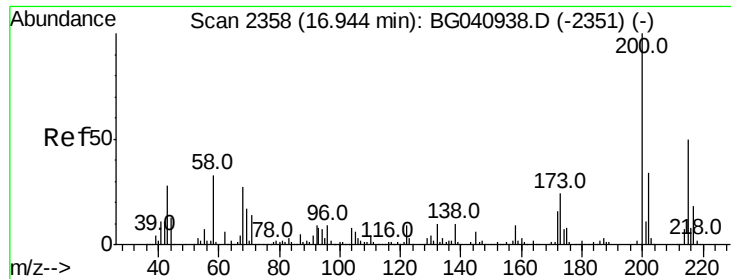
Abundance

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



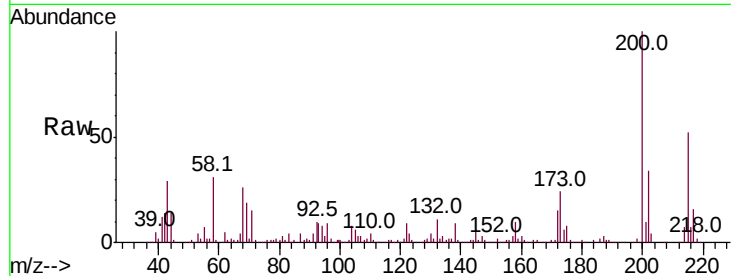


#69
Atrazine
Concen: 42.213 ng
RT: 16.93 min Scan# 2356
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

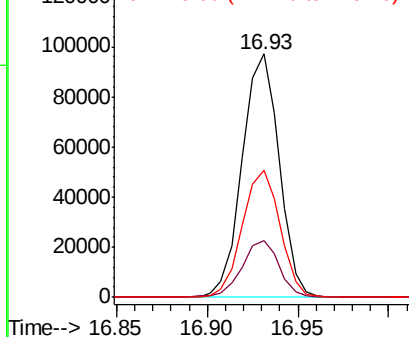
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	3.6	43.6
215	52.4	29.6	69.6

Manual Integrations
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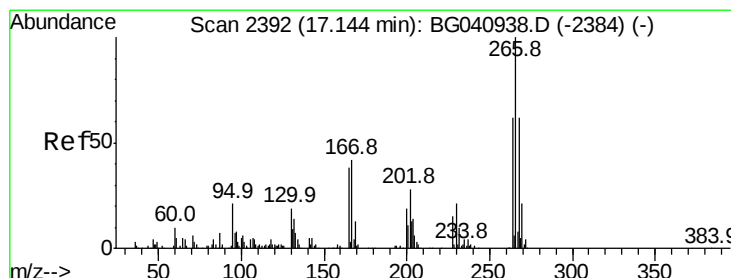
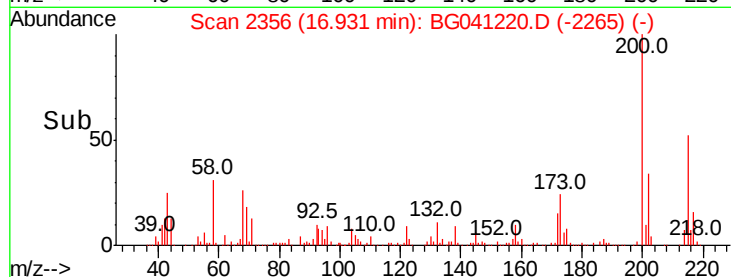


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



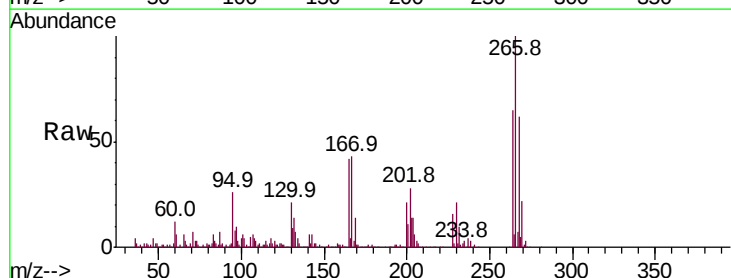
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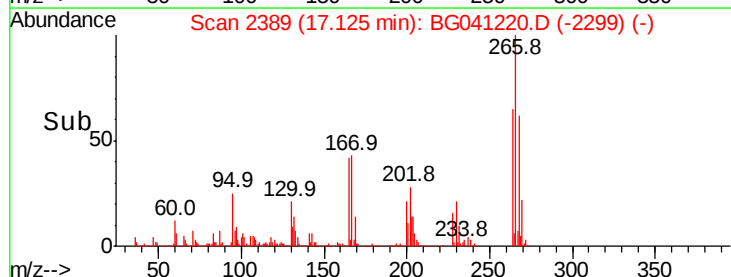
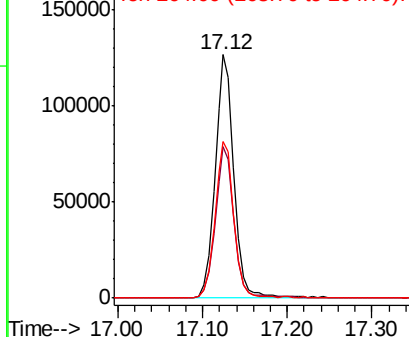


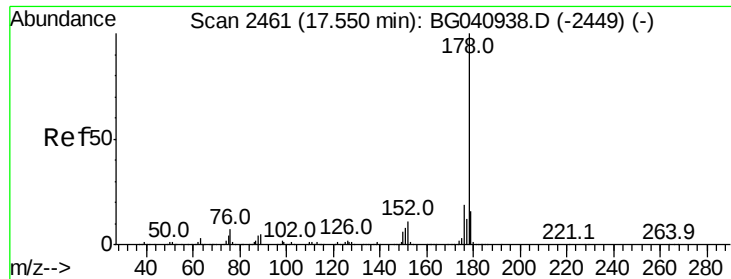
#70
Pentachlorophenol
Concen: 84.979 ng
RT: 17.12 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	53.1	79.7
264	64.6	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



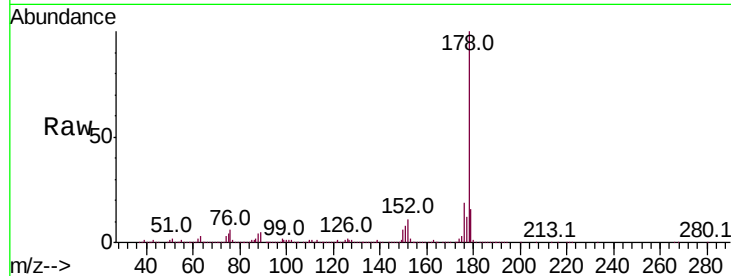


#71
Phenanthrene
Concen: 40.141 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

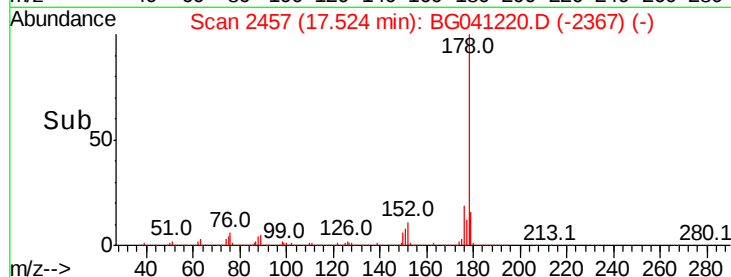
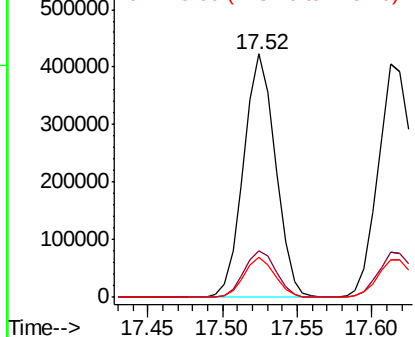
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	16.3	12.7	19.1

Manual Integrations
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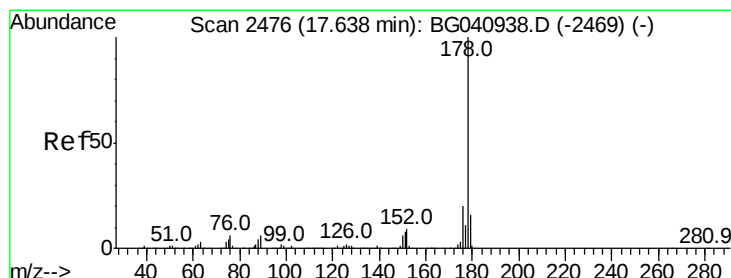


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



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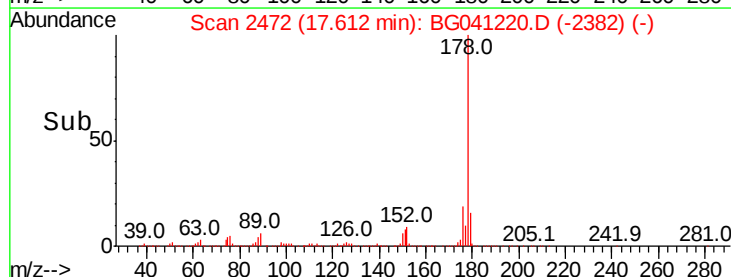
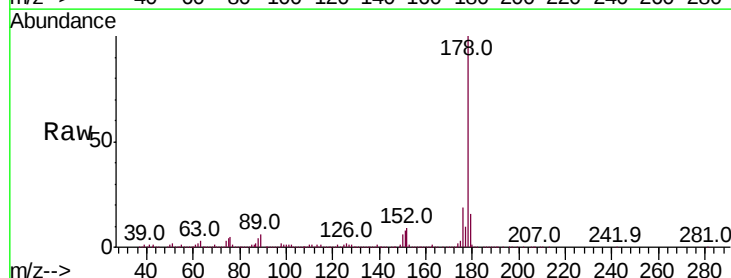
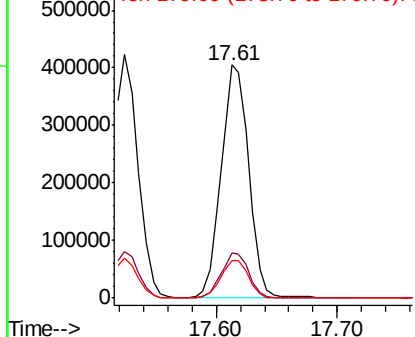
6/14/2019 8:37:04 AM

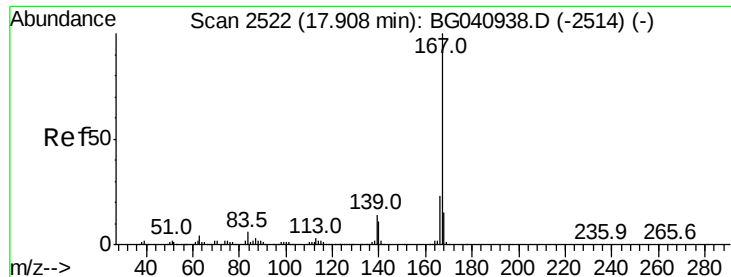


#72
Anthracene
Concen: 41.129 ng
RT: 17.61 min Scan# 2472
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.3	13.0	19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



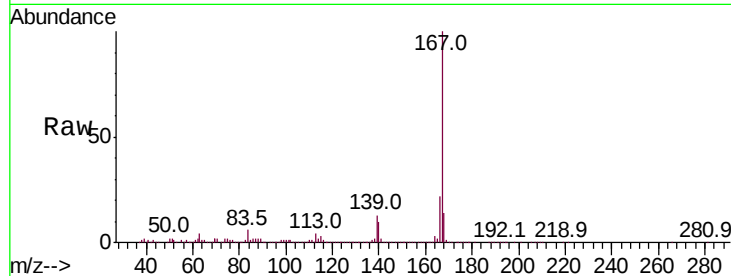


#73
 Carbazole
 Concen: 41.836 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 TI-658MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.4	10.8	16.2

Manual Integrations
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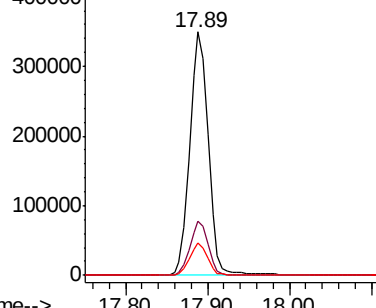


Abundance

Ion 167.00 (166.70 to 167.70): E

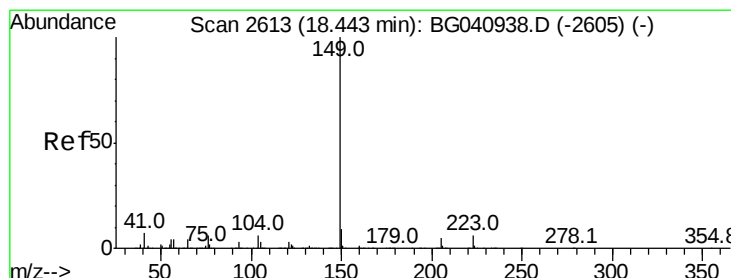
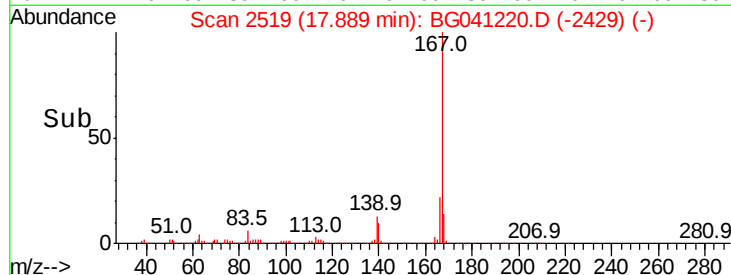
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#74
 Di-n-butylphthalate
 Concen: 43.753 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

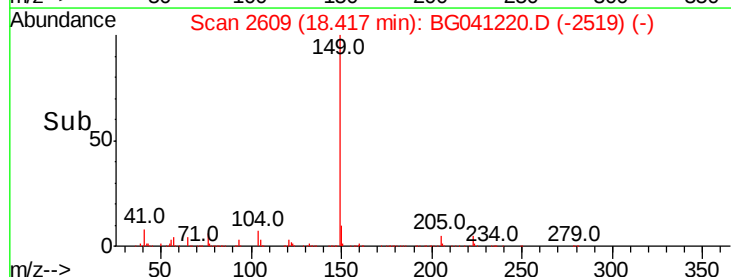
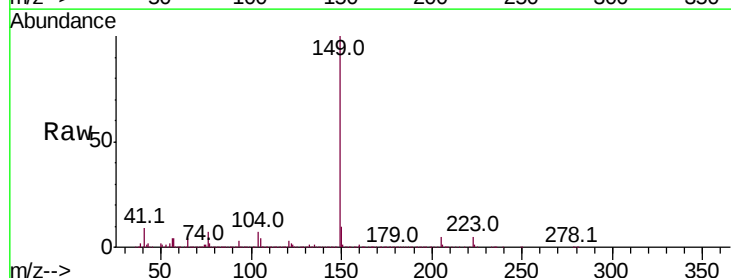
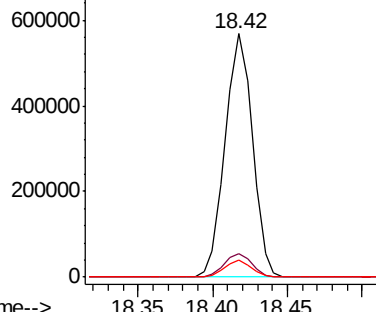
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	6.9	5.0	7.4

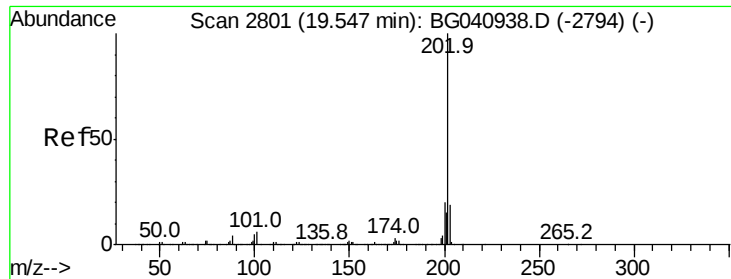
Abundance

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: 41.686 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041220.D

Acq: 12 Jun 2019 23:56

Instrument :

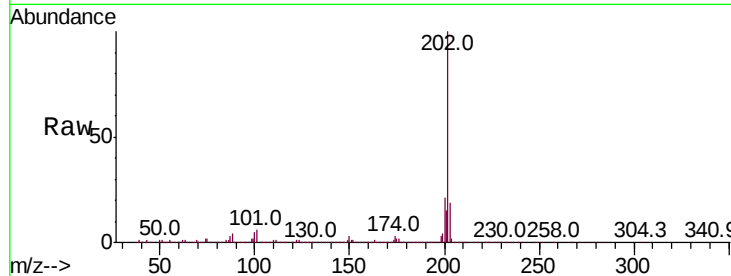
BNA_G

ClientSampled :

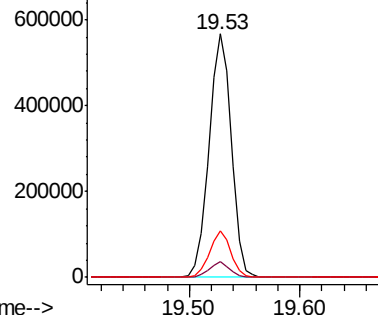
TI-658MS

Tot Ion:	202	Resp:	804663
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	26.2
203	19.3	0.0	38.7

Manual Integrations
APPROVED

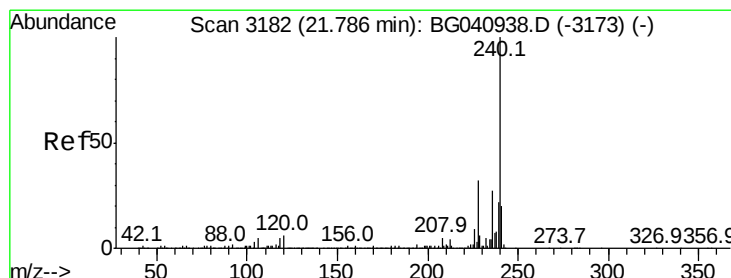
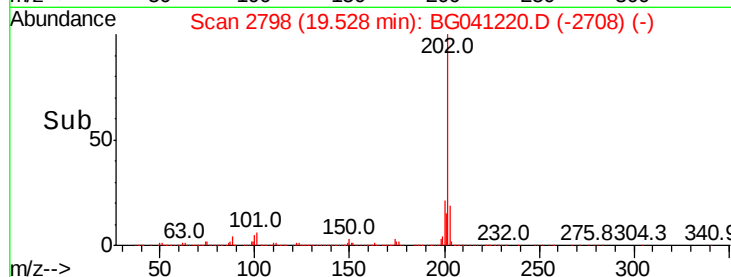


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#76

Chrysene-d12

Concen: 20.000 ng

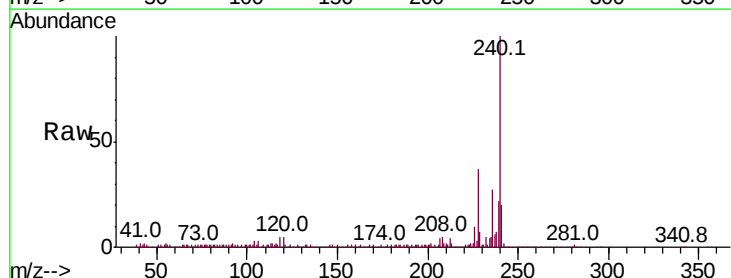
RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

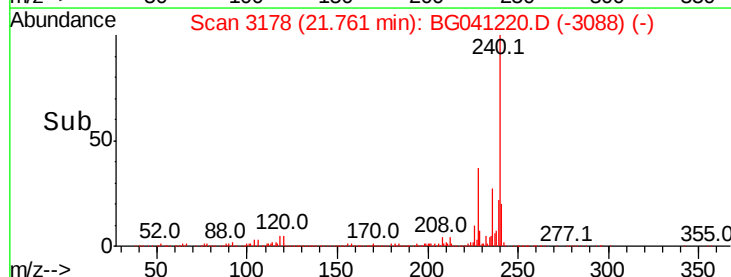
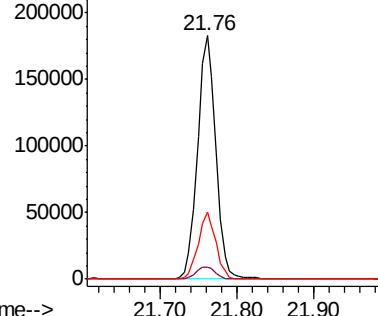
Lab File: BG041220.D

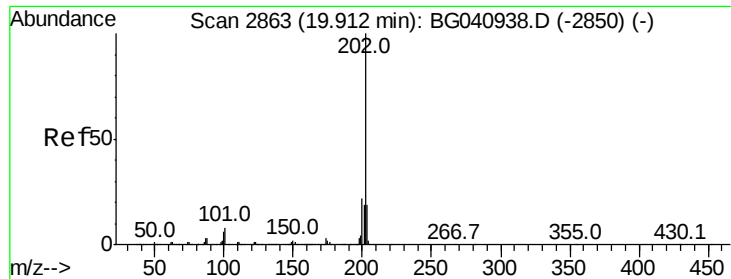
Acq: 12 Jun 2019 23:56

Tgt Ion:	240	Resp:	302263
Ion Ratio	Lower	Upper	
240	100		
120	4.9	4.5	6.7
236	27.5	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



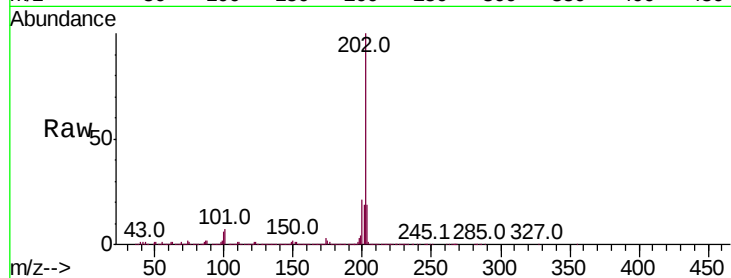


#78
Pvrene
Concen: 40.913 ng
RT: 19.89 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

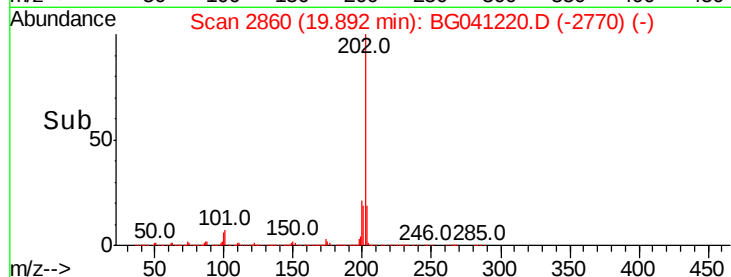
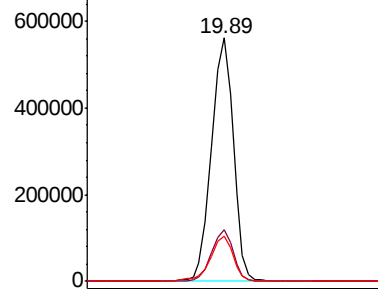
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.6	15.6	23.4

Manual Integrations
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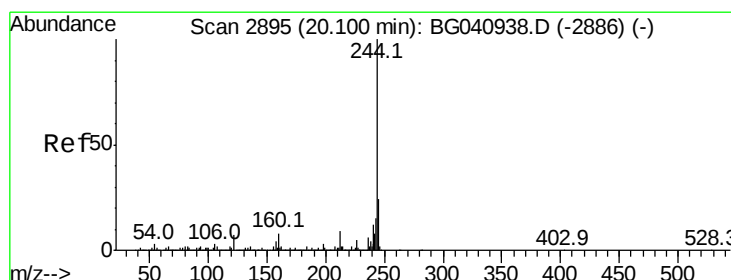


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



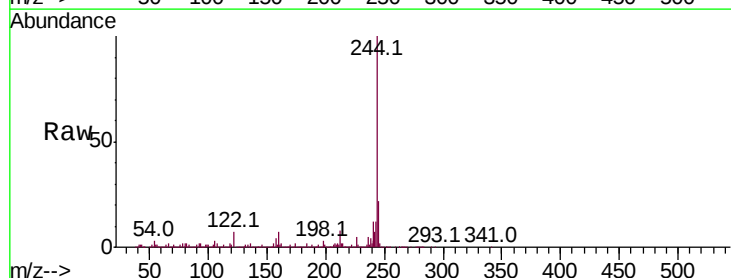
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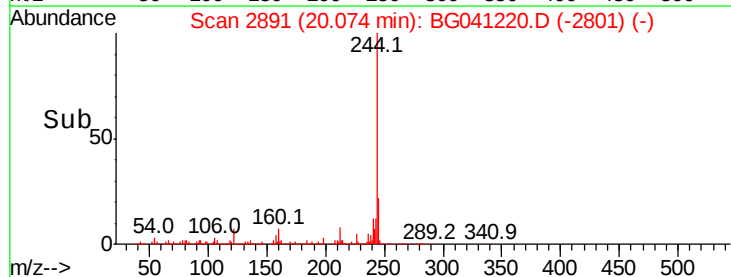
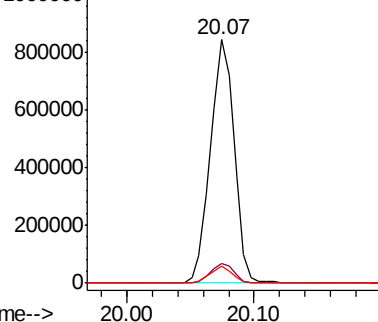


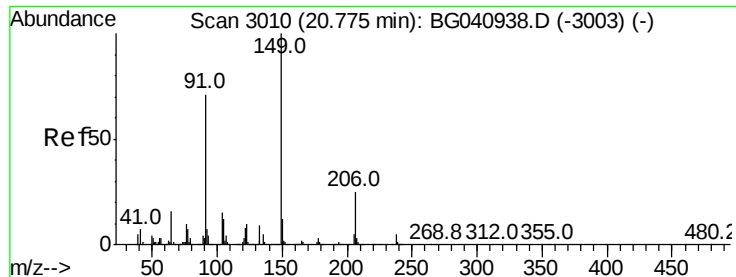
#79
Terphenyl-d14
Concen: 76.643 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	7.0	10.4
122	6.8	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



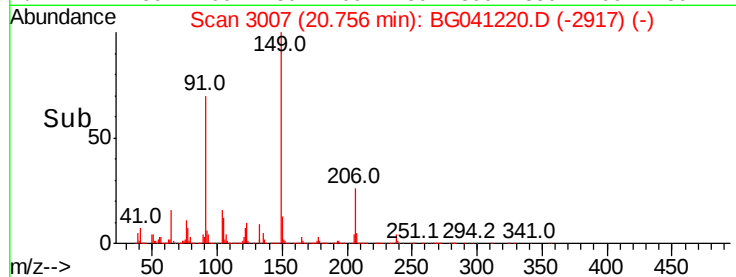
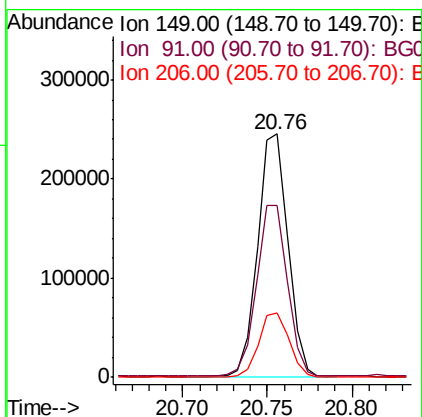
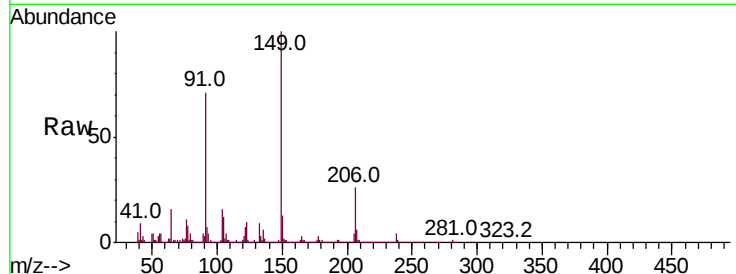


#80
Butylbenzylphthalate
Concen: 39.919 ng
RT: 20.76 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

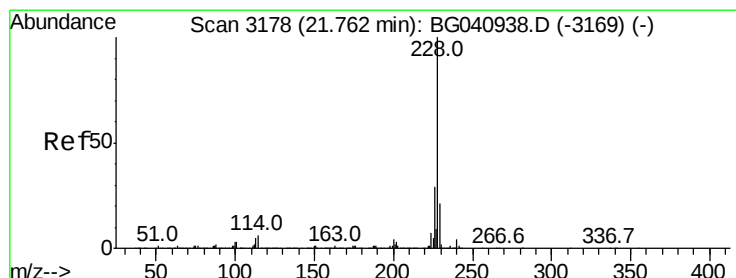
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.6	56.5	84.7
206	26.4	20.3	30.5

Manual Integrations
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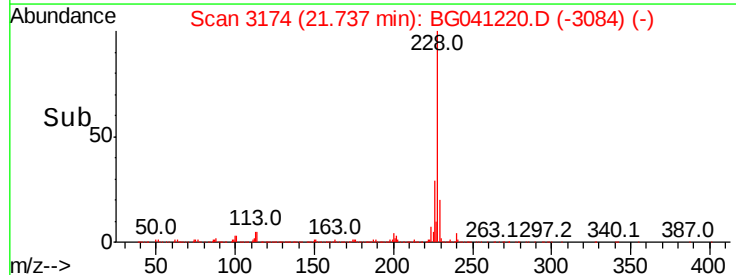
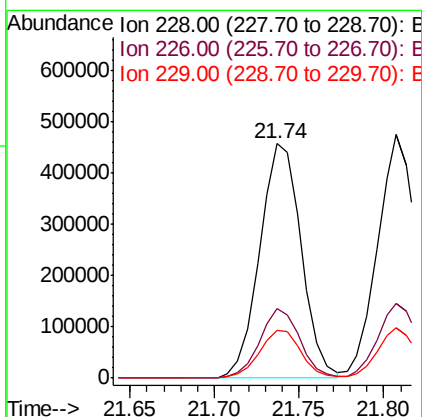
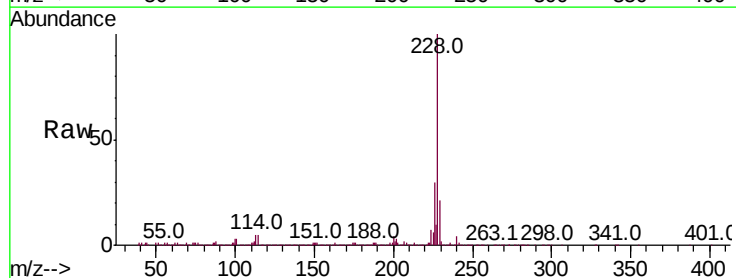
mohammad

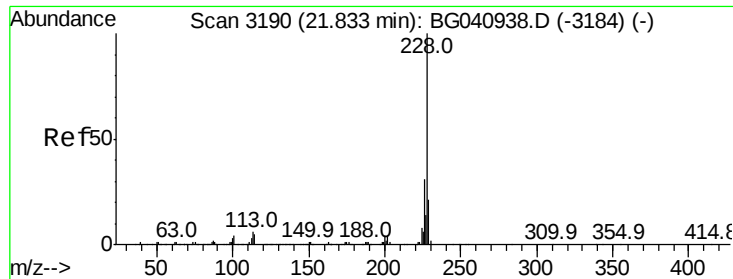
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#81
Benzo(a)anthracene
Concen: 38.800 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	20.6	16.7	25.1



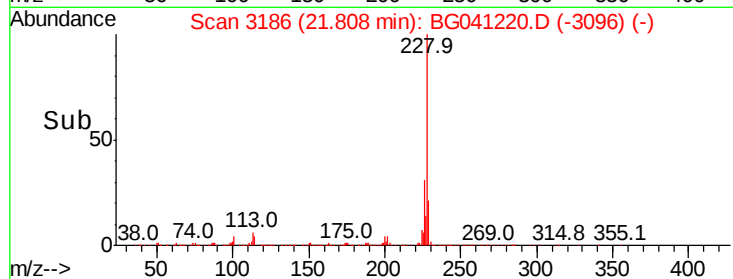
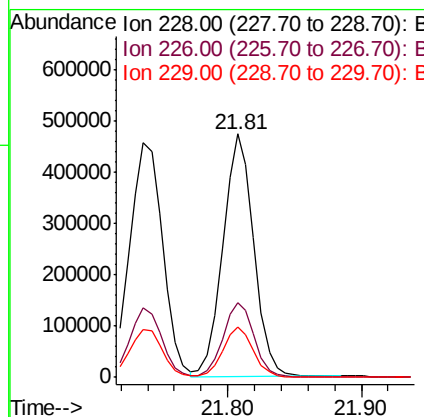
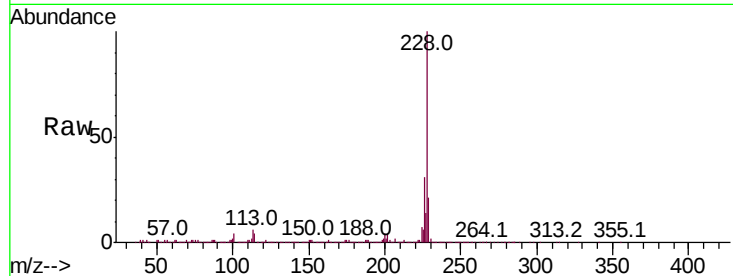


#83
 Chrysene
 Concen: 39.851 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Instrument :
 BNA_G
 ClientSampled :
 TI-658MS

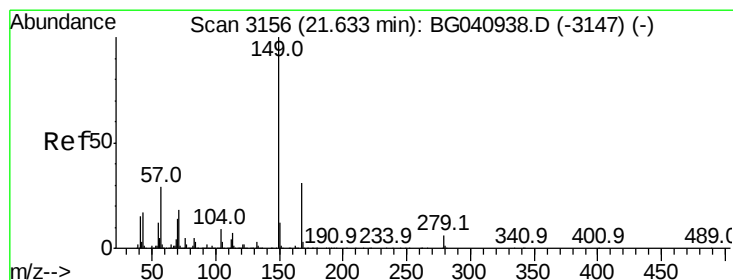
Tot Ion:228	Resp:	767303
Ion Ratio	Lower	Upper
228 100		
226 30.9	24.6	37.0
229 20.7	16.6	24.8

Manual Integrations
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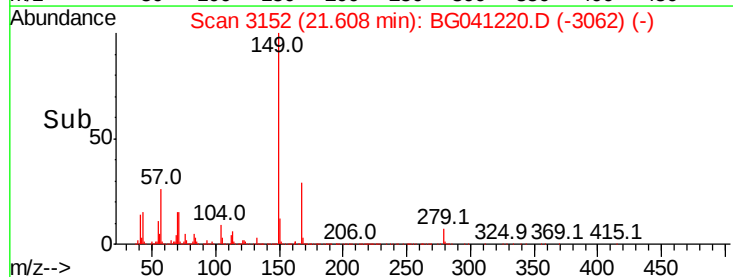
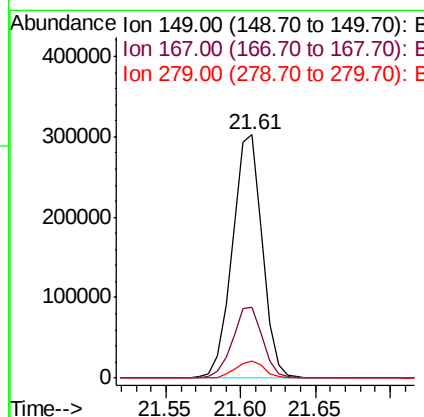
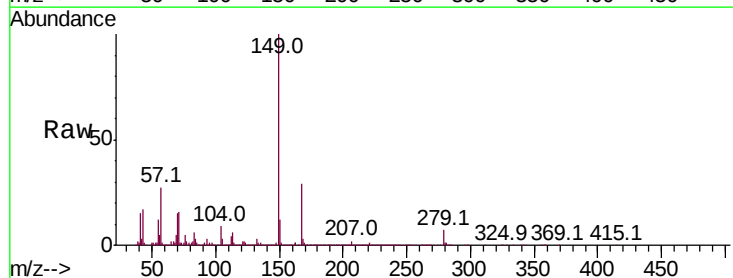
mohammad

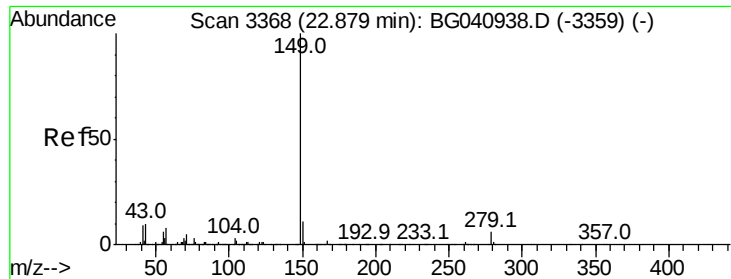
6/14/2019 8:37:04 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.004 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041220.D
 Acq: 12 Jun 2019 23:56

Tgt Ion:149	Resp:	419843
Ion Ratio	Lower	Upper
149 100		
167 29.2	24.6	37.0
279 6.9	5.0	7.6



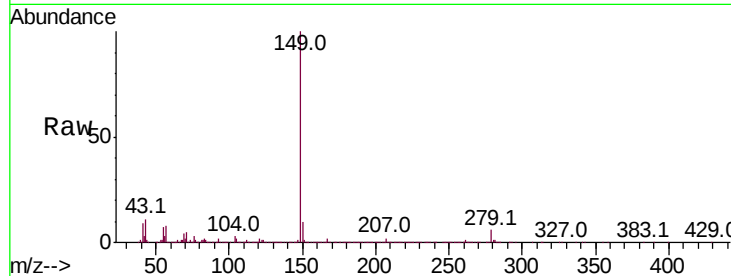


#85
Di-n-octyl phthalate
Concen: 39.955 ng
RT: 22.84 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

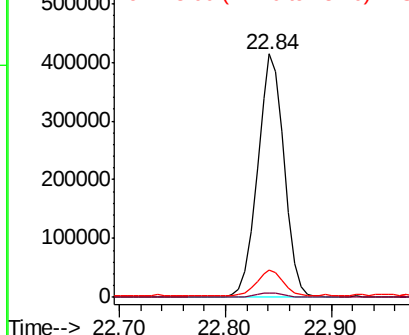
Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	716277		
167	1.8		1.4	2.0
43	10.3		8.1	12.1

Manual Integrations
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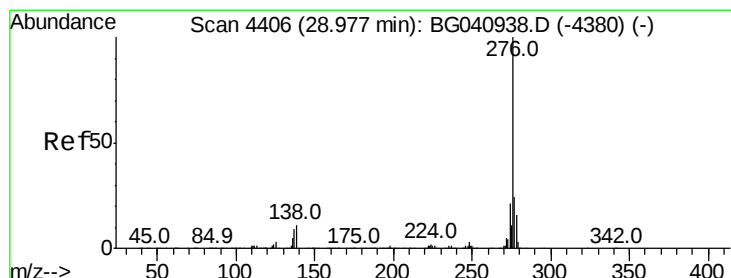
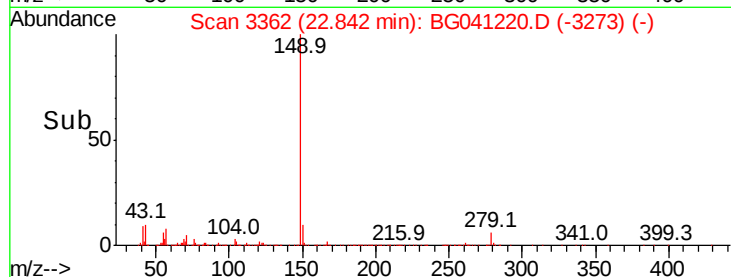


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



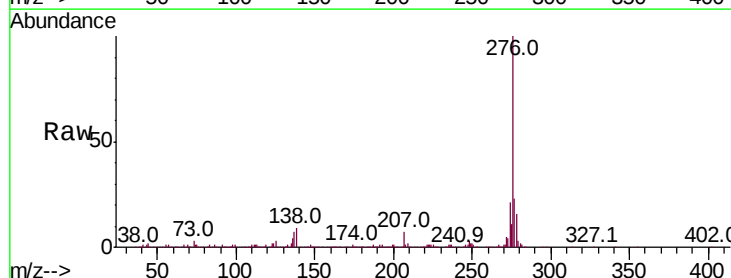
mohammad

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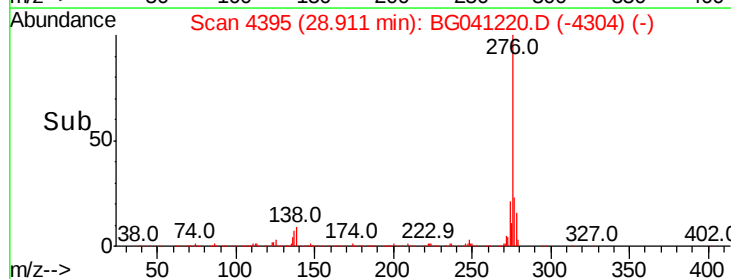
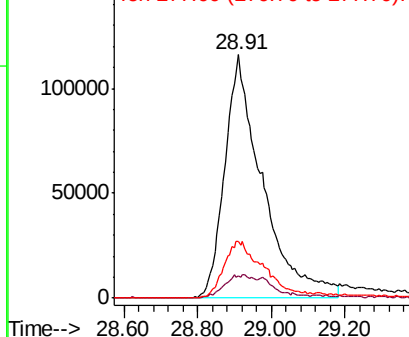


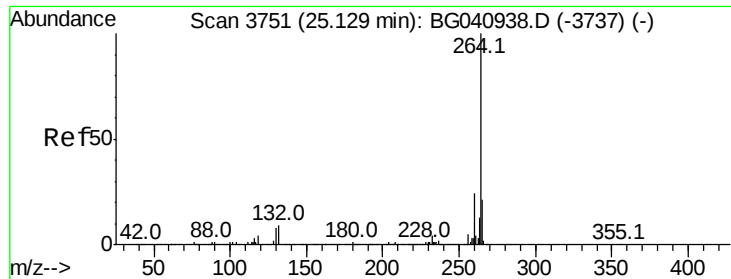
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.043 ng
RT: 28.91 min Scan# 4395
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	826533		
138	3.4		5.7	8.5#
277	24.5		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



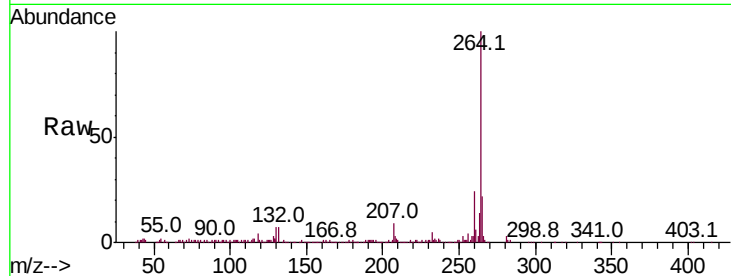


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :
TI-658MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	22.0	17.0	25.4

Manual Integrations
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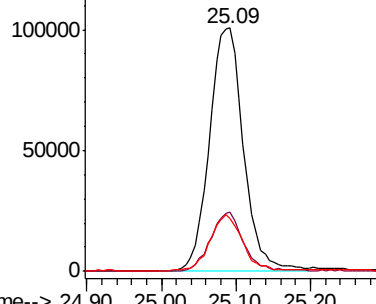


Abundance

Ion 264.00 (263.70 to 264.70): E

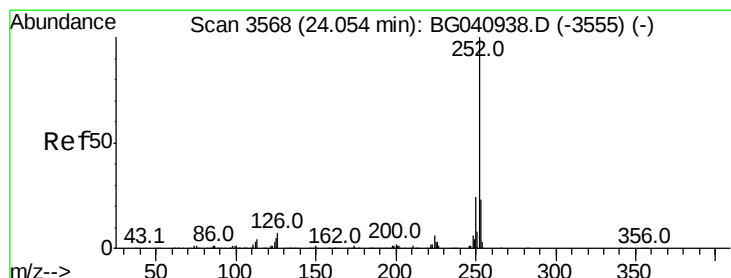
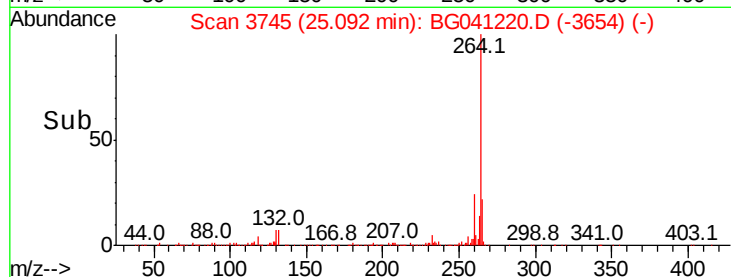
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



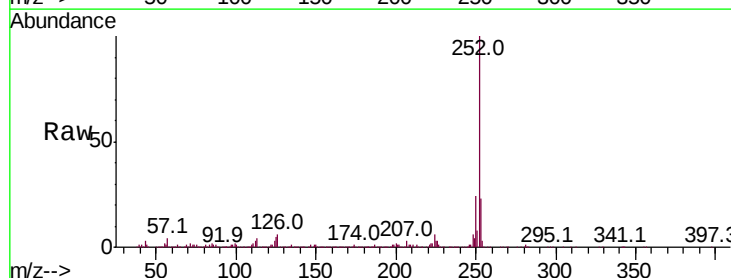
mohammad

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#88
Benzo(b)fluoranthene
Concen: 41.017 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	5.2	4.3	6.5

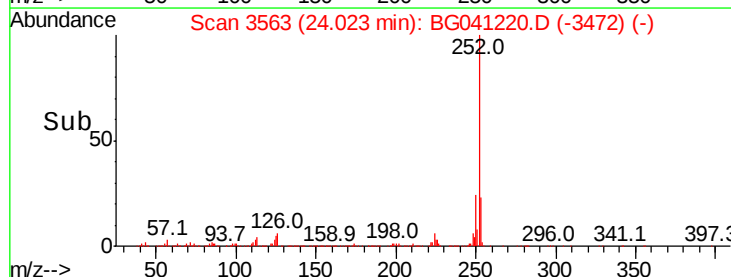
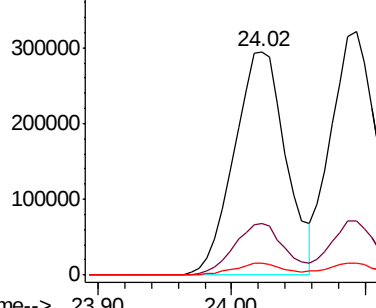


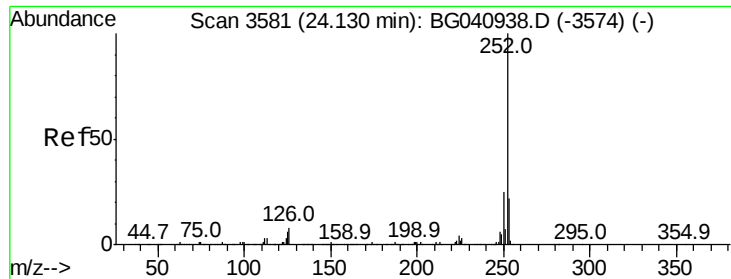
Abundance

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



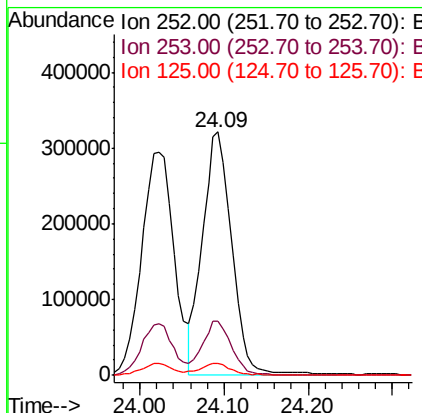
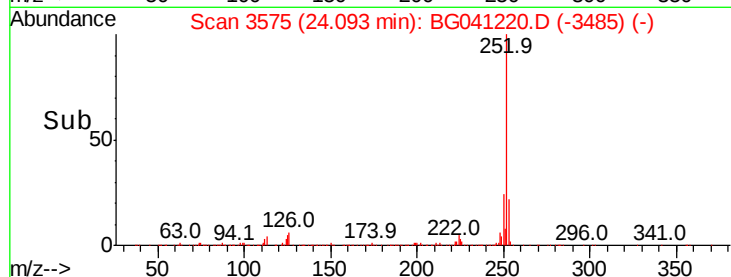
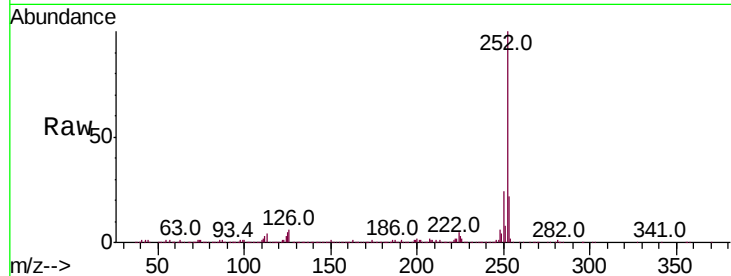


#89
Benzo(k)fluoranthene
Concen: 41.028 ng m
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampled :
TI-658MS

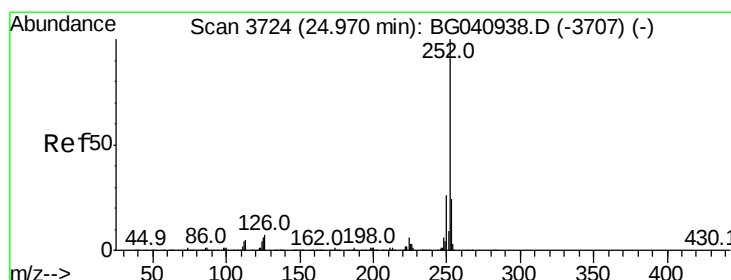
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	4.7	4.7	7.1

Manual Integrations
APPROVED



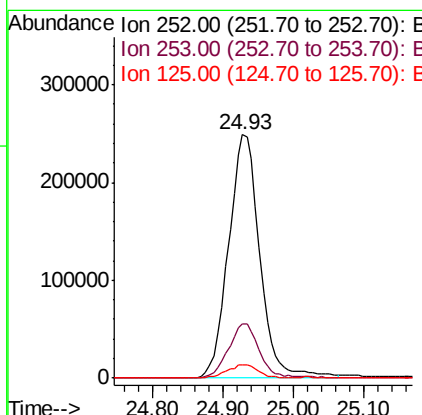
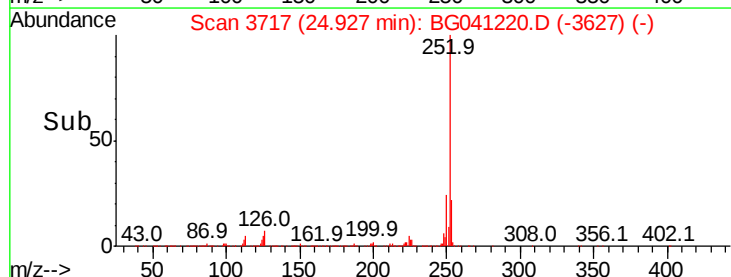
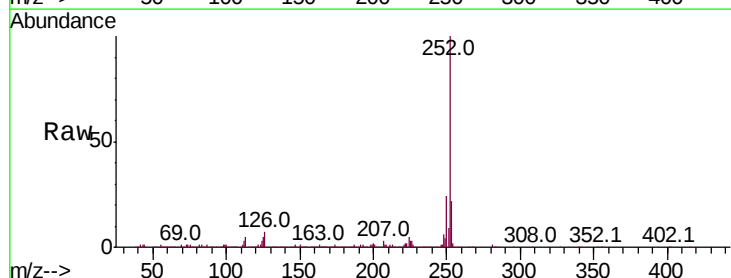
mohammad

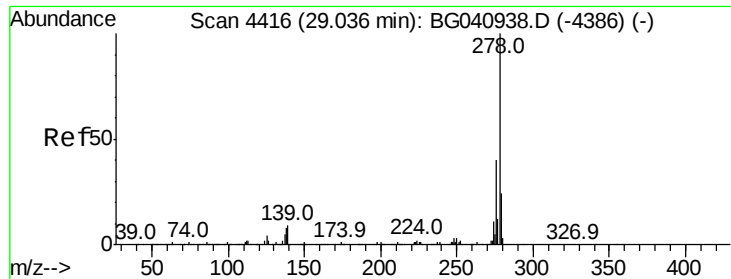
6/14/2019 8:37:04 AM



#90
Benzo(a)pyrene
Concen: 41.251 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.5	29.3
125	5.4	5.1	7.7



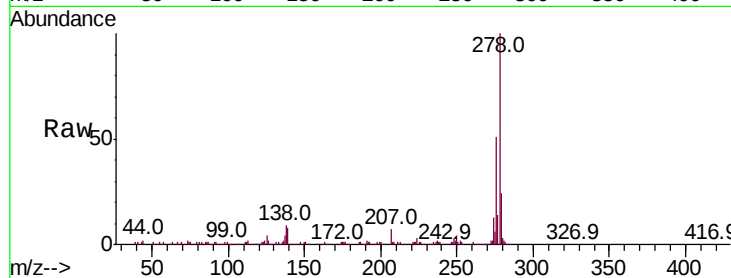


#91
Dibenzo(a,h)anthracene
Concen: 35.602 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Instrument :
BNA_G
ClientSampleId :
TI-658MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.5	7.1	10.7
279	24.4	19.4	29.2

Manual Integrations
APPROVED

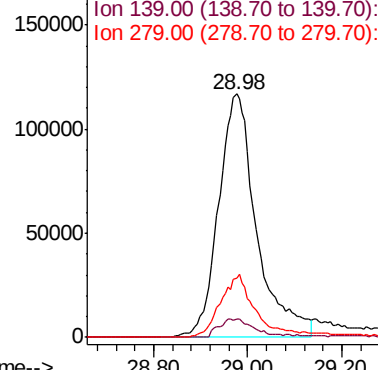


Abundance

Ion 278.00 (277.70 to 278.70): E

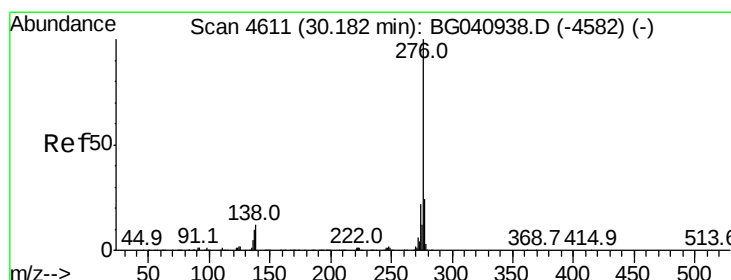
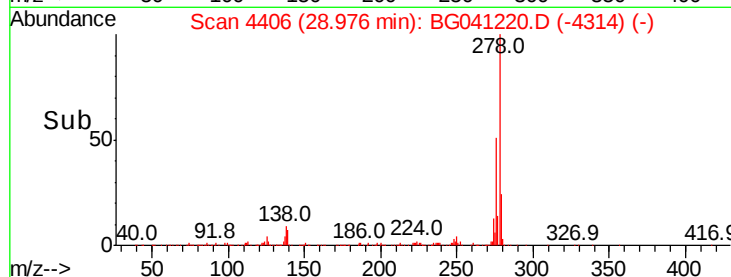
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



mohammad

6/14/2019 8:37:04 AM



#92
Benzo(g,h,i)perylene
Concen: 32.470 ng
RT: 30.12 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG041220.D
Acq: 12 Jun 2019 23:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	10.0	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

