

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
 Data File : BG041711.D
 Acq On : 18 Jul 2019 15:52
 Operator : HP/JU
 Sample : K3835-44MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)MSD

Manual Integrations
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 7/19/2019 3:57:55 PM

Quant Time: Jul 18 18:26:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	112426	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	463732	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	289611	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	680199	20.00	ng	0.00
76) Chrysene-d12	21.65	240	636883	20.00	ng	0.00
87) Perylene-d12	24.85	264	740840	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	896079	130.30	ng	0.00
7) Phenol-d6	7.21	99	1262140	136.44	ng	0.00
23) Nitrobenzene-d5	9.20	82	733349	96.17	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	479209	146.82	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1655607	88.52	ng	0.00
79) Terphenyl-d14	20.00	244	2396275	87.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	108426	33.195	ng	98
3) Pyridine	3.89	79	265601	30.463	ng	95
4) n-Nitrosodimethylamine	3.81	42	157818	39.195	ng	98
6) Aniline	7.37	93	401941	32.331	ng	98
8) 2-Chlorophenol	7.61	128	347208	44.595	ng	97
9) Benzaldehyde	7.18	77	170231	27.549	ng	98
10) Phenol	7.23	94	444264	45.585	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	327982	41.670	ng	98
12) 1,3-Dichlorobenzene	7.94	146	378796	40.775	ng	98
13) 1,4-Dichlorobenzene	8.08	146	382427	41.106	ng	98
14) 1,2-Dichlorobenzene	8.41	146	358685	40.892	ng	96
15) Benzyl Alcohol	8.28	79	317030	43.049	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	642937	39.420	ng	98
17) 2-Methylphenol	8.48	107	305181	45.280	ng	99
18) Hexachloroethane	9.13	117	137890	40.466	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	280187	41.441	ng	97
20) 3+4-Methylphenols	8.81	107	420080	45.483	ng	98
22) Acetophenone	8.86	105	514912	45.590	ng	# 97
24) Nitrobenzene	9.25	77	383885	46.150	ng	99
25) Isophorone	9.77	82	738855	44.250	ng	98
26) 2-Nitrophenol	9.96	139	194987	50.797	ng	98
27) 2,4-Dimethylphenol	10.02	122	336285	50.902	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	457574	44.463	ng	99
29) 2,4-Dichlorophenol	10.49	162	376258	49.953	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	385598	43.600	ng	97
31) Naphthalene	10.90	128	1016052	44.505	ng	99
32) Benzoic acid	10.10	122	71647	18.508	ng	97
33) 4-Chloroaniline	11.00	127	302151	28.692	ng	99
34) Hexachlorobutadiene	11.20	225	244354	42.987	ng	98
35) Caprolactam	11.77	113	136721m	49.383	ng	
36) 4-Chloro-3-methylphenol	12.11	107	380751	48.252	ng	98
37) 2-Methylnaphthalene	12.50	142	786212	45.074	ng	99
38) 1-Methylnaphthalene	12.72	142	745444	44.828	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	451077	45.470	ng	99

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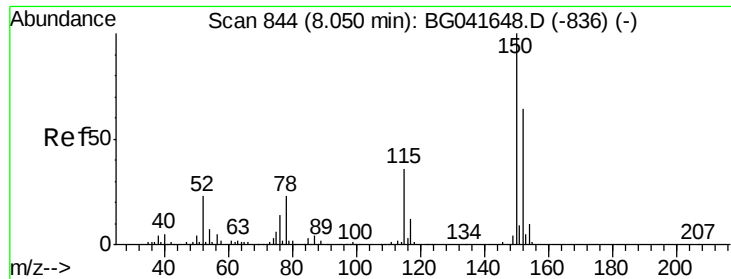
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	596626	106.319	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	321409	49.863	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	345505	50.874	nq	98
46) 1,1'-Biphenyl	13.51	154	981870	45.253	nq	99
47) 2-Chloronaphthalene	13.55	162	796999	44.075	nq	100
48) 2-Nitroaniline	13.73	65	260294	49.439	nq	95
49) Acenaphthylene	14.39	152	1255950	44.491	nq	100
50) Dimethylphthalate	14.12	163	1281323	56.332	nq	100
51) 2,6-Dinitrotoluene	14.23	165	244485	50.674	nq	96
52) Acenaphthene	14.73	154	840062	47.222	nq	100
53) 3-Nitroaniline	14.55	138	179689	34.118	nq	99
54) 2,4-Dinitrophenol	14.76	184	178633	73.912	nq	98
55) Dibenzofuran	15.06	168	1192890	44.686	nq	98
56) 4-Nitrophenol	14.86	139	434709	101.948	nq	99
57) 2,4-Dinitrotoluene	15.01	165	338454	53.069	nq	99
58) Fluorene	15.71	166	963539	44.360	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	328332	52.368	nq	98
60) Diethylphthalate	15.48	149	1018353	44.441	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	551578	44.923	nq	98
62) 4-Nitroaniline	15.71	138	264262	47.310	nq	99
63) Azobenzene	15.99	77	908021	43.831	nq	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	175490	53.465	nq	99
66) n-Nitrosodiphenylamine	15.91	169	901371	45.125	nq	99
67) 4-Bromophenyl-phenylether	16.59	248	366904	45.333	nq	99
68) Hexachlorobenzene	16.71	284	363676	44.623	nq	97
69) Atrazine	16.85	200	351676	48.515	nq	98
70) Pentachlorophenol	17.05	266	492848	96.714	nq	100
71) Phenanthrene	17.44	178	1526538	44.564	nq	99
72) Anthracene	17.54	178	1561181	45.722	nq	99
73) Carbazole	17.79	167	1436942	45.376	nq	98
74) Di-n-butylphthalate	18.36	149	1636964	42.383	nq	97
75) Fluoranthene	19.45	202	1784278	42.420	nq	97
77) Benzidine	19.62	184	657595	26.892	nq	98
78) Pyrene	19.80	202	1789425	41.543	nq	97
80) Butylbenzylphthalate	20.69	149	782940	43.741	nq	97
81) Benzo(a)anthracene	21.63	228	1746295	42.438	nq	98
82) 3,3'-Dichlorobenzidine	21.54	252	538151	33.234	nq	97
83) Chrysene	21.70	228	1686672	42.896	nq	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	1087000	43.011	nq	98
85) Di-n-octyl phthalate	22.77	149	1889923	43.913	nq	97
86) Indeno(1,2,3-cd)pyrene	28.49	276	2279378	43.934	nq	# 92
88) Benzo(b)fluoranthene	23.83	252	1911313	42.533	nq	99
89) Benzo(k)fluoranthene	23.91	252	1915154	45.994	nq	98
90) Benzo(a)pyrene	24.70	252	1940826	45.648	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	1873984	45.458	nq	99
92) Benzo(g,h,i)perylene	29.62	276	1878067	45.461	nq	98

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



#1

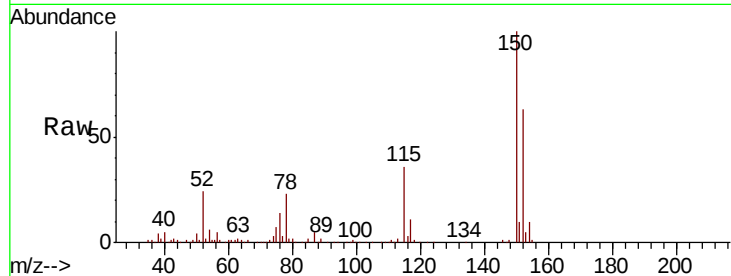
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampled :
SB-6(8-10)MSD

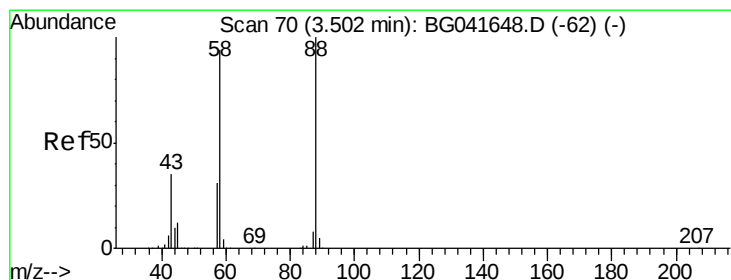
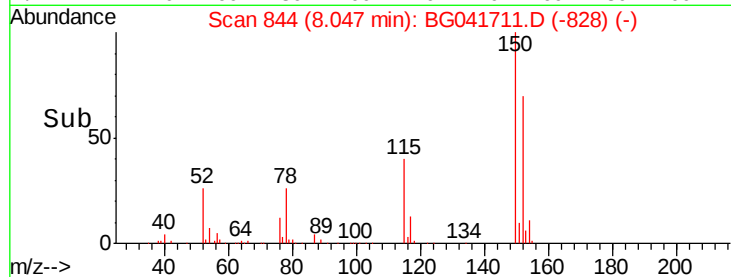
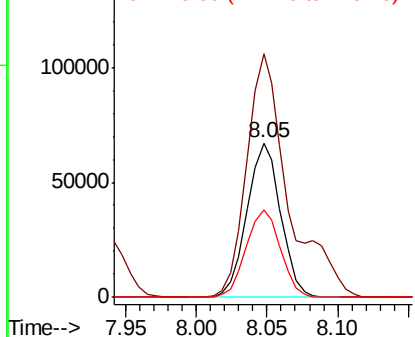
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.9	190.3
115	56.8	45.0	67.6

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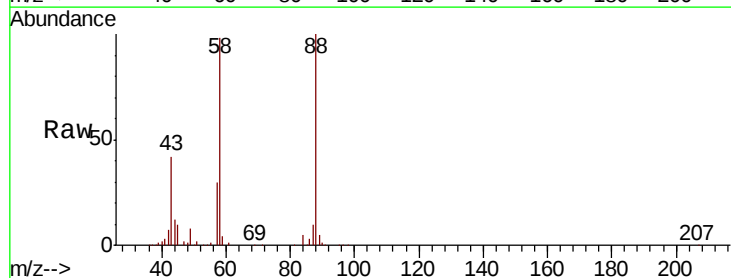
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



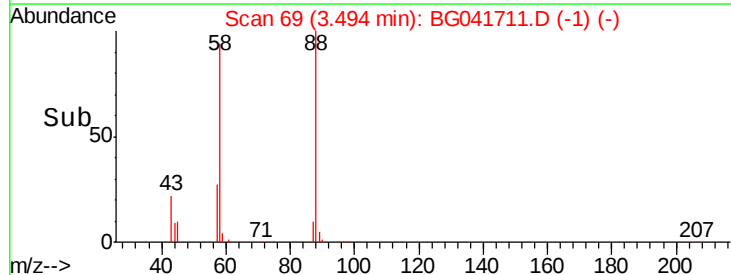
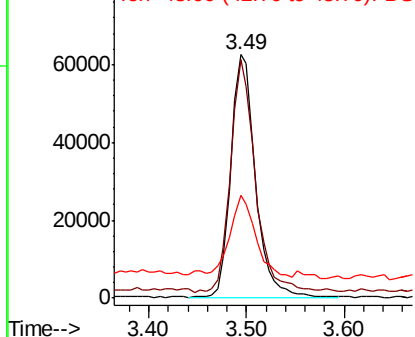
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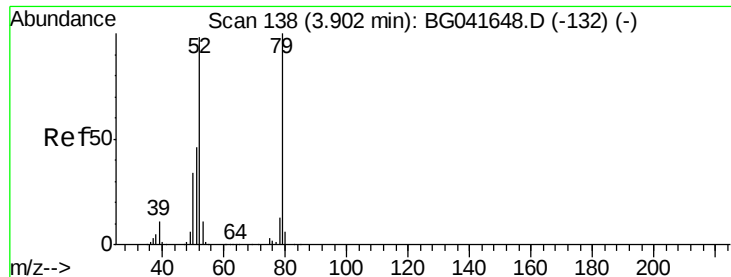
1,4-Dioxane
Concen: 33.195 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.7	76.2	114.2
43	37.2	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

Pvridine

Concen: 30.463 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

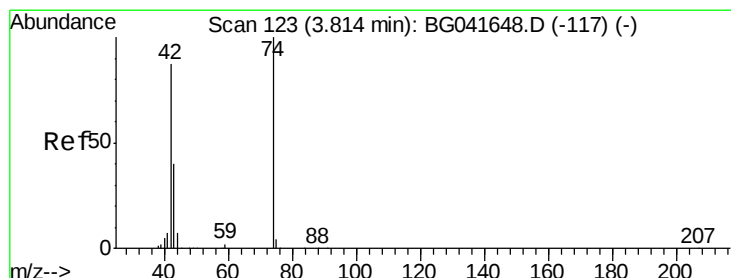
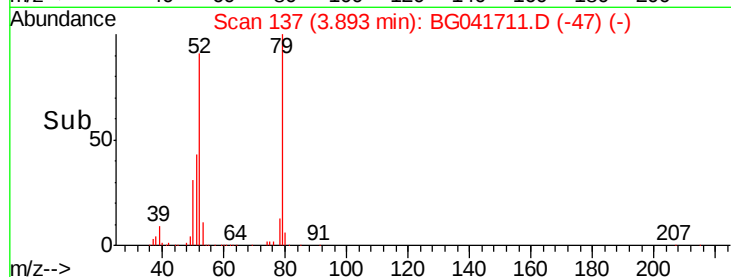
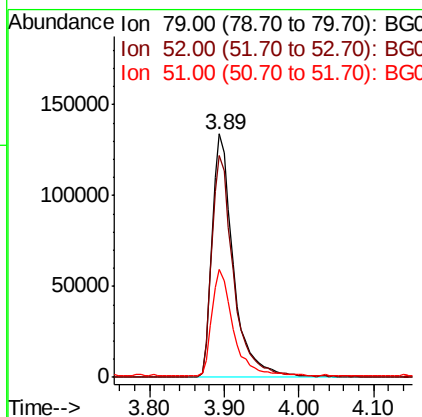
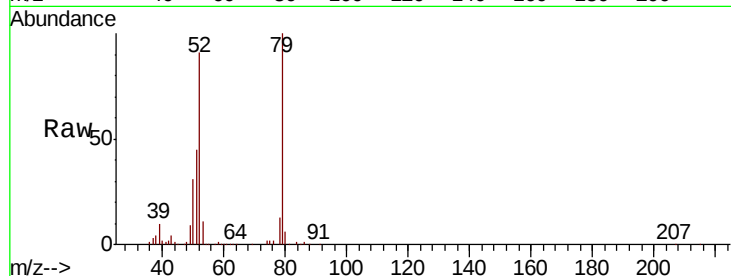
ClientSampleId :

SB-6(8-10)MSD

Tot Ion:	79	Resp:	265601
Ion	Ratio	Lower	Upper
79	100		
52	91.1	77.1	115.7
51	44.6	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 39.195 ng

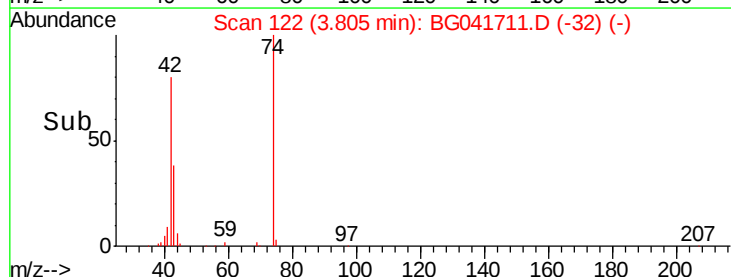
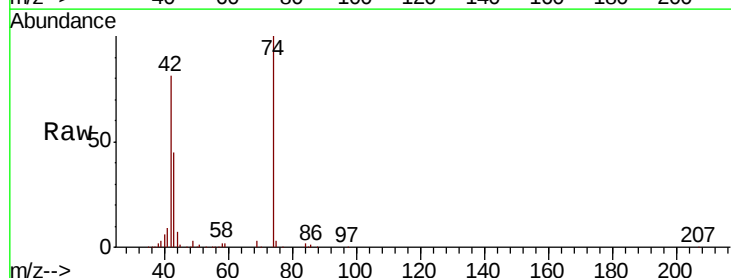
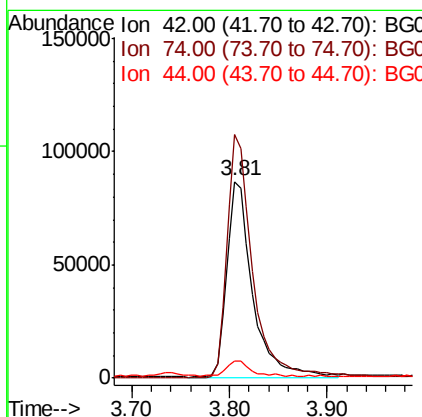
RT: 3.81 min Scan# 122

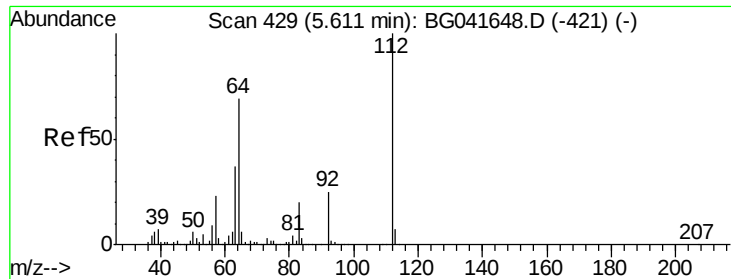
Delta R.T. -0.00 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Tgt Ion:	42	Resp:	157818
Ion	Ratio	Lower	Upper
42	100		
74	124.0	97.4	146.2
44	8.4	6.6	9.8





#5

2-Fluorophenol

Concen: 130.296 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

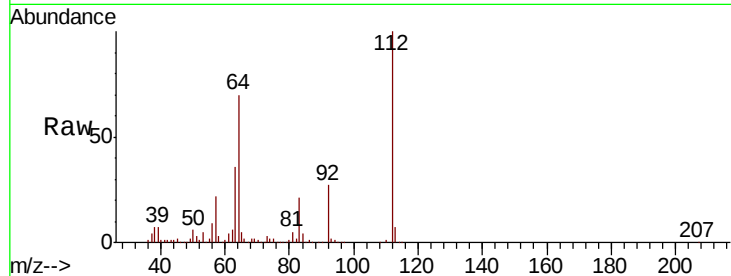
ClientSampleId :

SB-6(8-10)MSD

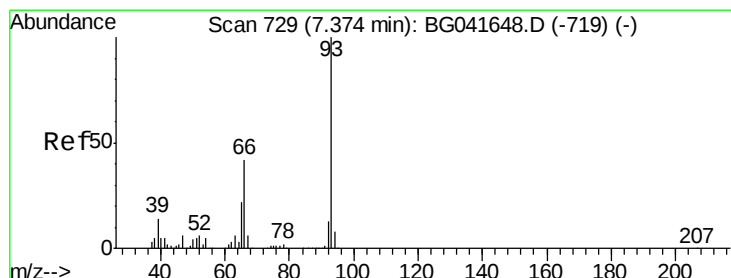
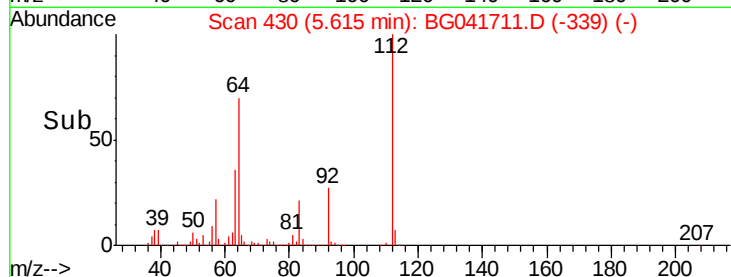
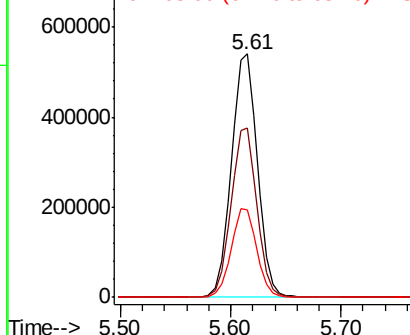
Tot Ion:	112	Resp:	896079
Ion Ratio	Lower	Upper	
112	100		
64	69.6	55.4	83.2
63	36.0	29.1	43.7

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



#6

Aniline

Concen: 32.331 ng

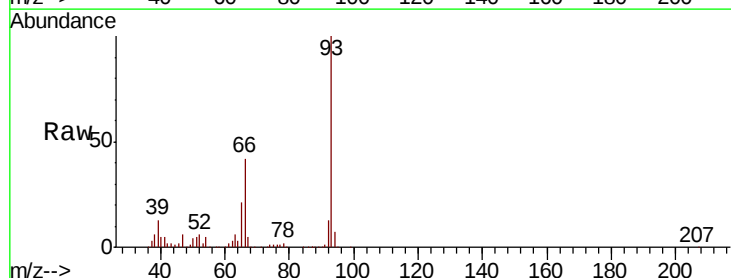
RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

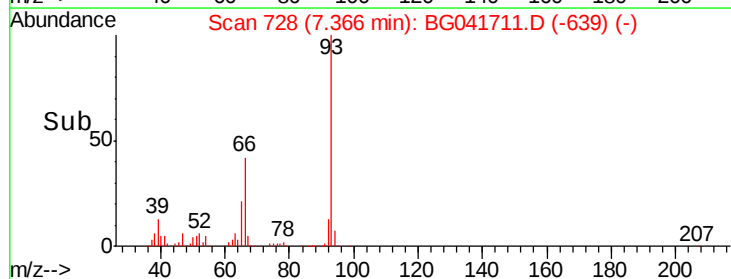
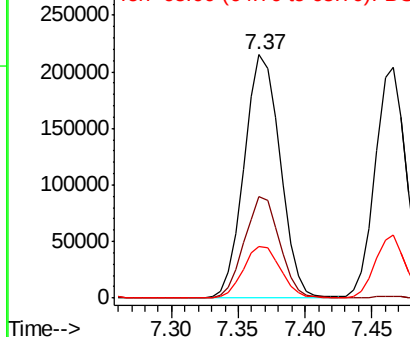
Lab File: BG041711.D

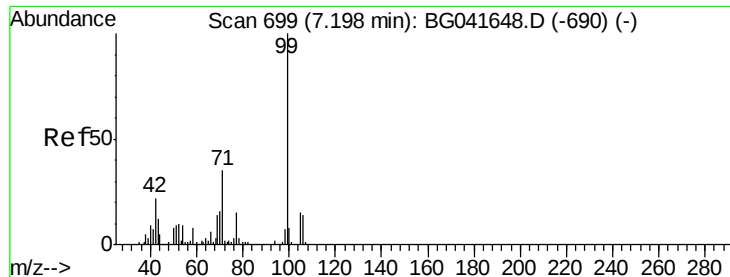
Acq: 18 Jul 2019 15:52

Tgt Ion:	93	Resp:	401941
Ion Ratio	Lower	Upper	
93	100		
66	41.8	34.2	51.2
65	21.2	18.2	27.2



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





#7

Phenol-d6

Concen: 136.444 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

ClientSampleId :

SB-6(8-10)MSD

Tot Ion: 99 Resp: 1262140

Ion Ratio Lower Upper

99 100

42 21.2 17.6 26.4

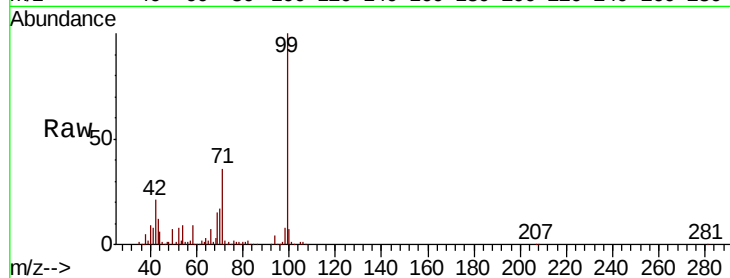
71 36.0 27.8 41.6

Manual Integrations

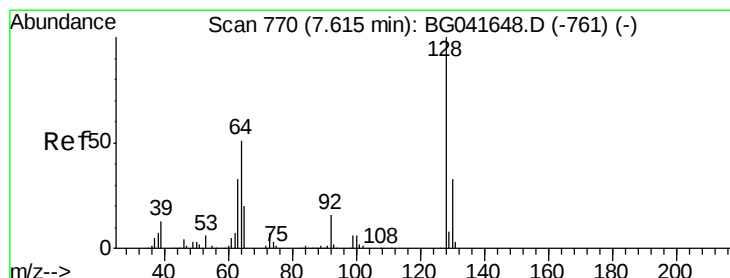
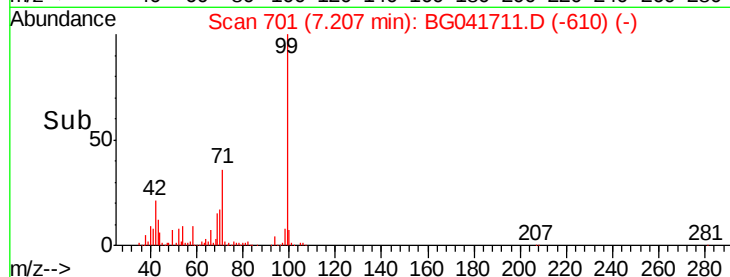
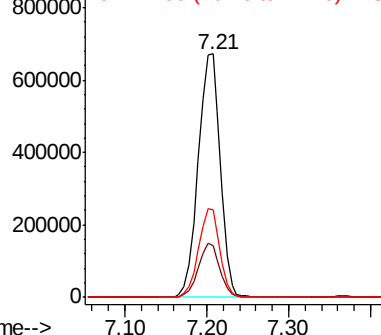
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.595 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

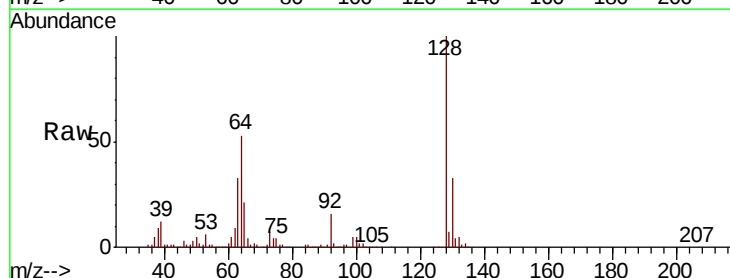
Tgt Ion: 128 Resp: 347208

Ion Ratio Lower Upper

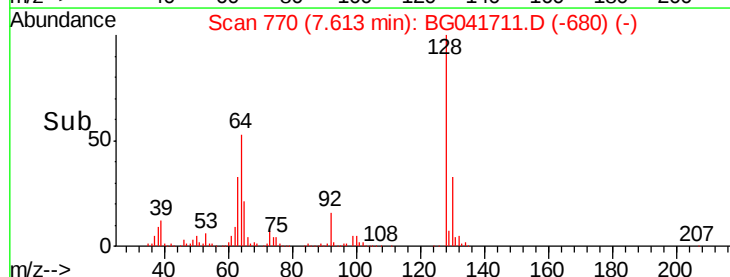
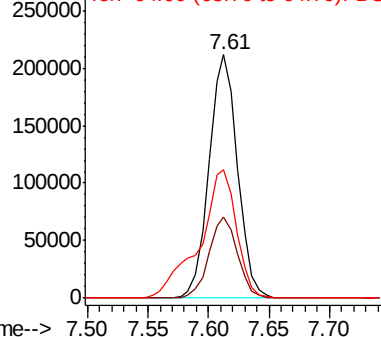
128 100

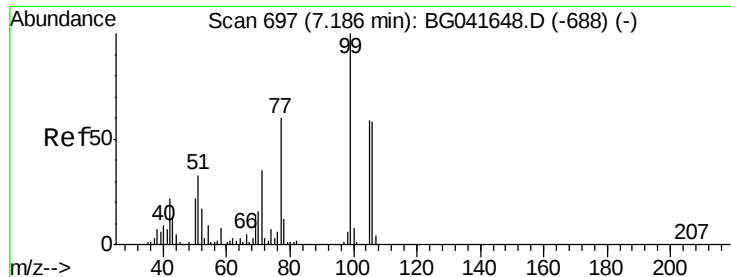
130 33.4 12.4 52.4

64 52.6 34.9 74.9



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





#9

Benzaldehyde

Concen: 27.549 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

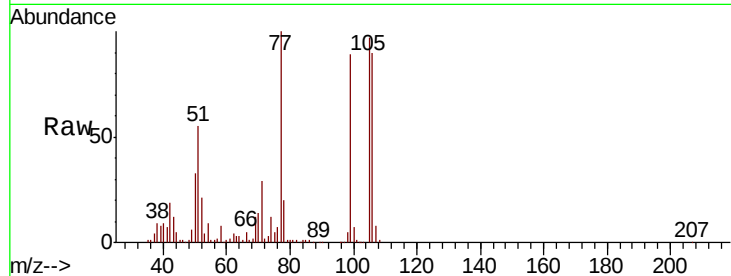
ClientSampled :

SB-6(8-10)MSD

Tot Ion:	77	Resp:	170231
Ion Ratio	Lower	Upper	
77	100		
105	97.4	74.6	114.6
106	89.7	71.1	111.1

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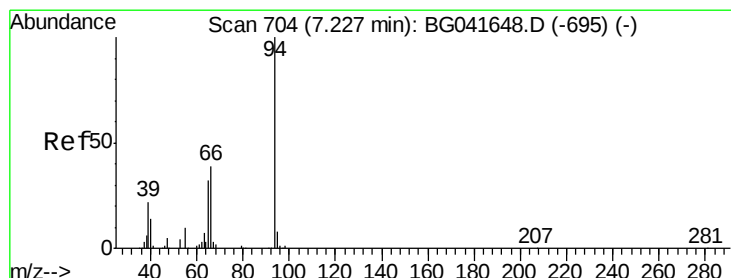
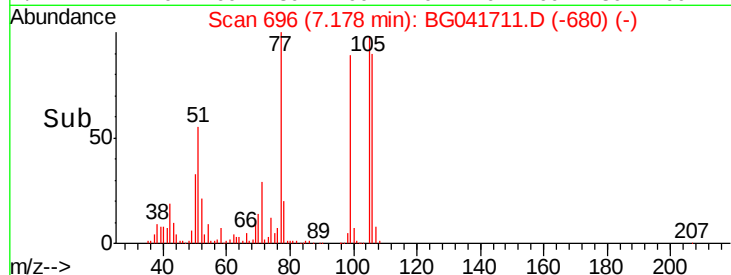
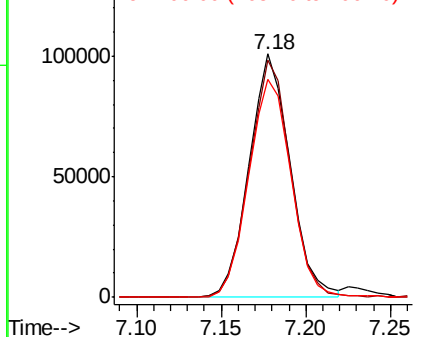


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.585 ng

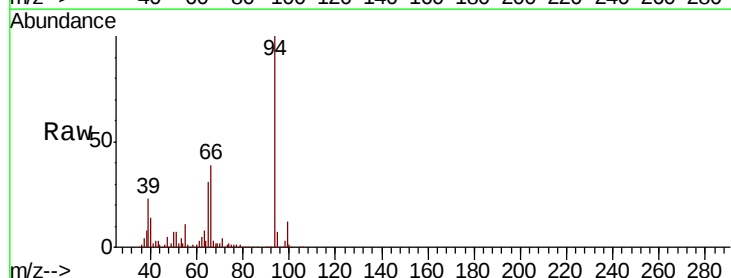
RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Tgt Ion:	94	Resp:	444264
Ion Ratio	Lower	Upper	
94	100		
65	31.2	10.6	50.6
66	39.2	18.2	58.2

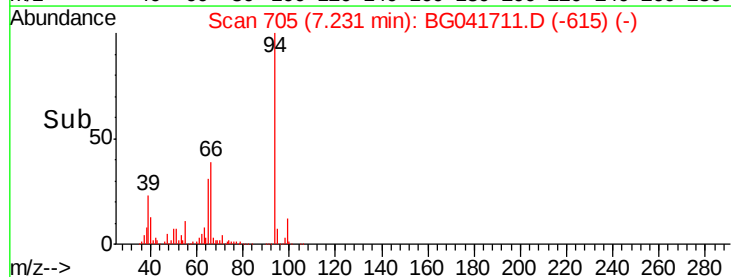
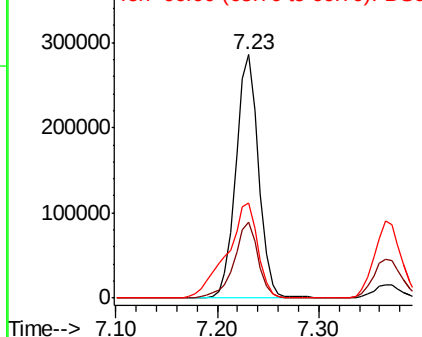


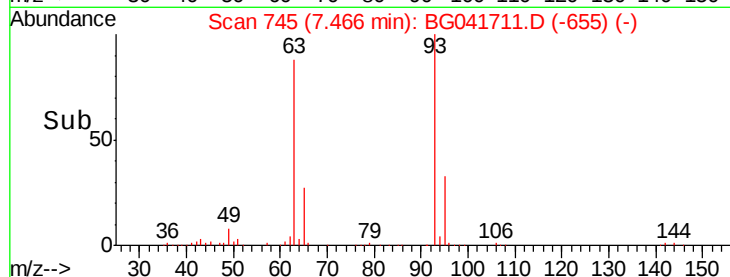
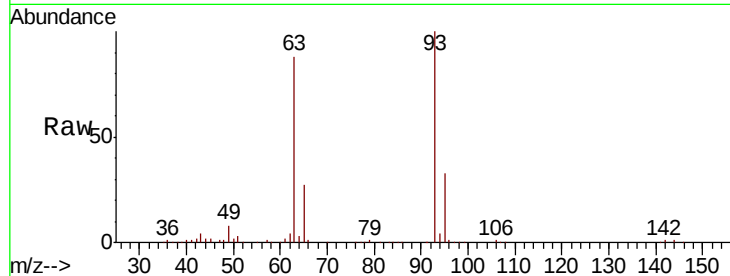
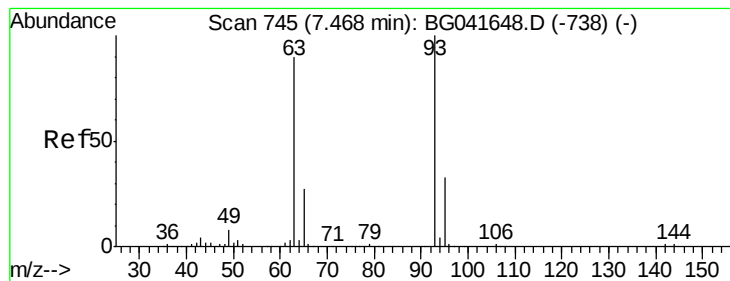
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





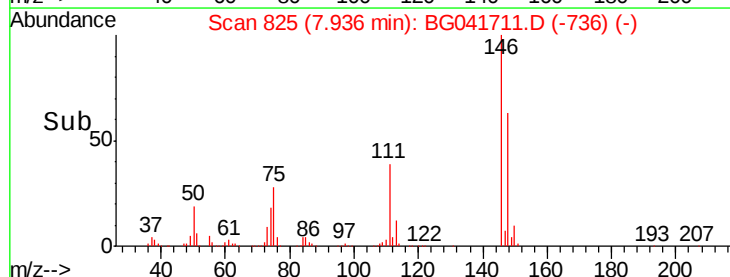
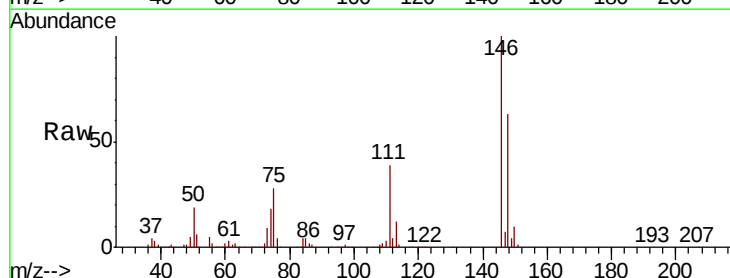
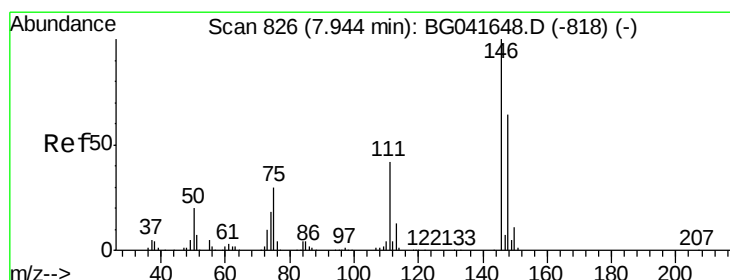
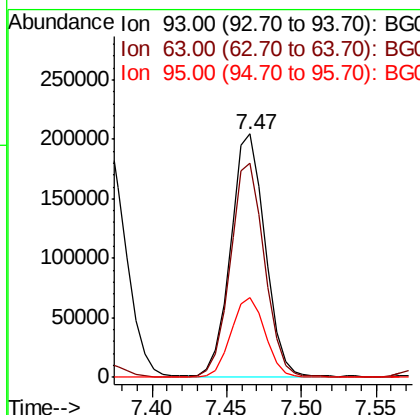
#11
bis(2-Chloroethyl)ether
Concen: 41.670 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	70.4	110.4
95	33.0	12.8	52.8

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

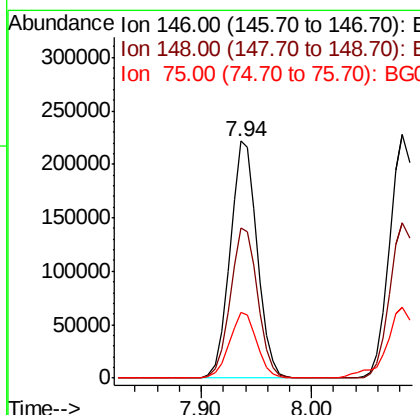
Manual Integrations
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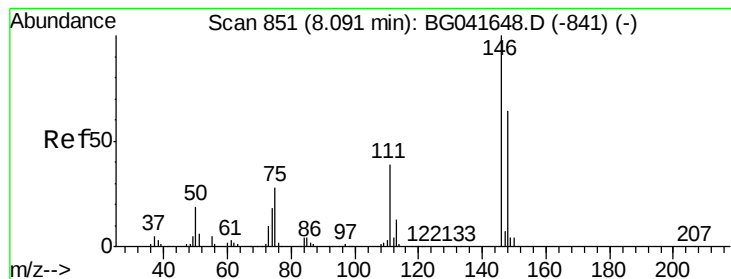
mohammad
7/19/2019 3:57:55 PM



#12
1,3-Dichlorobenzene
Concen: 40.775 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
75	28.0	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.106 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

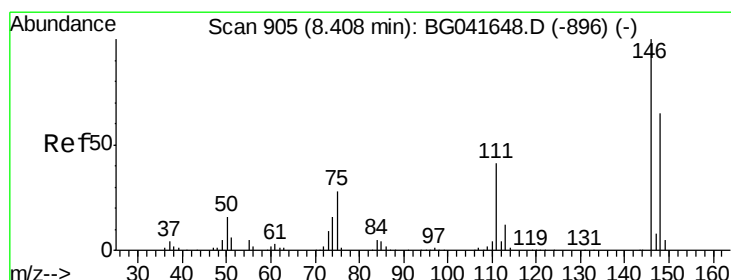
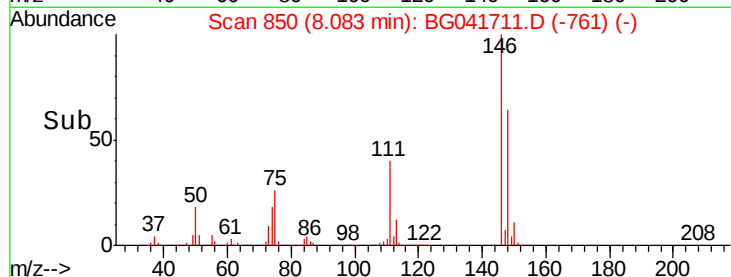
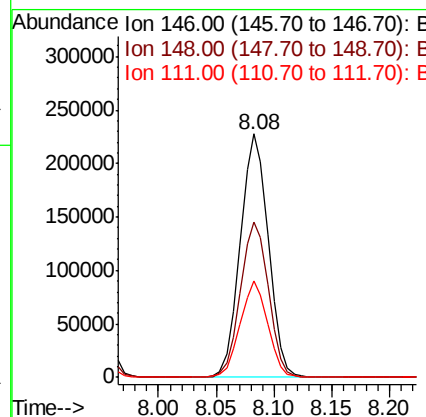
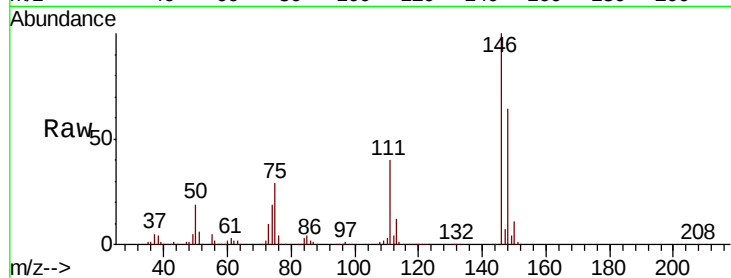
ClientSampleId :

SB-6(8-10)MSD

Tot Ion:	146	Resp:	382427
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.6	79.0
111	39.6	32.5	48.7

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#14

1,2-Dichlorobenzene

Concen: 40.892 ng

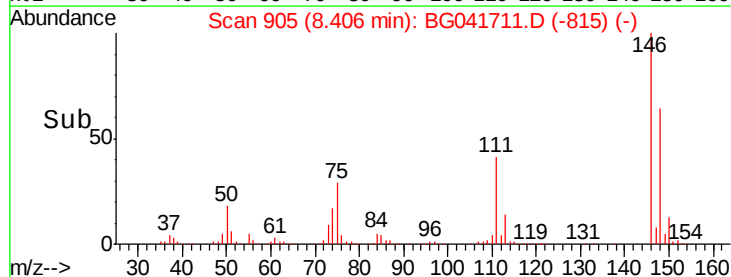
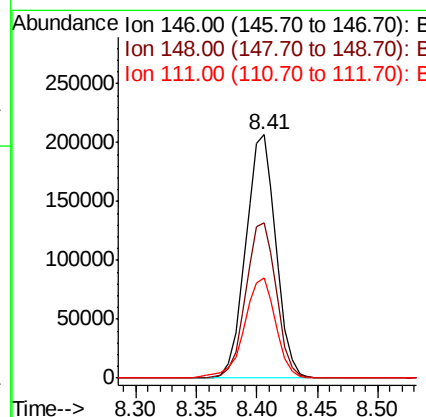
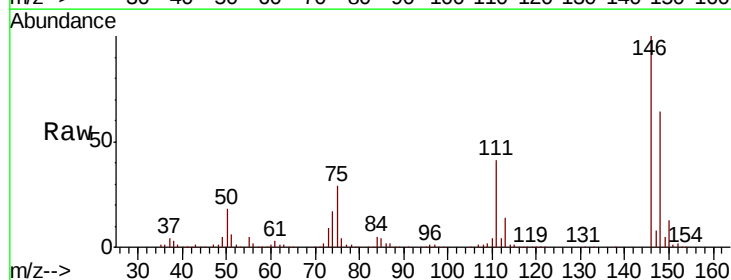
RT: 8.41 min Scan# 905

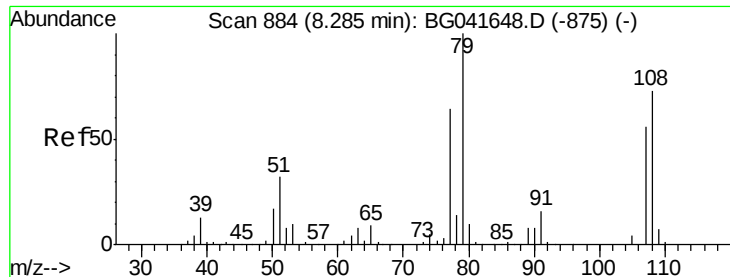
Delta R.T. -0.00 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Tgt Ion:	146	Resp:	358685
Ion Ratio	Lower	Upper	
146	100		
148	63.5	53.5	80.3
111	41.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 43.049 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

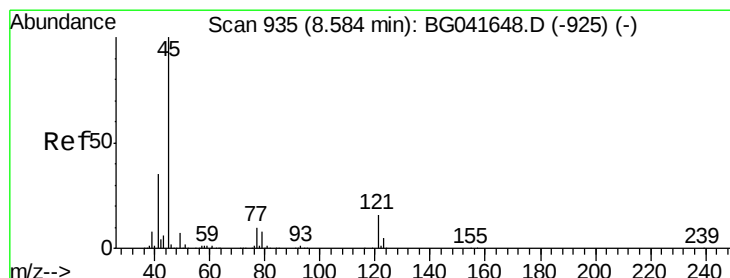
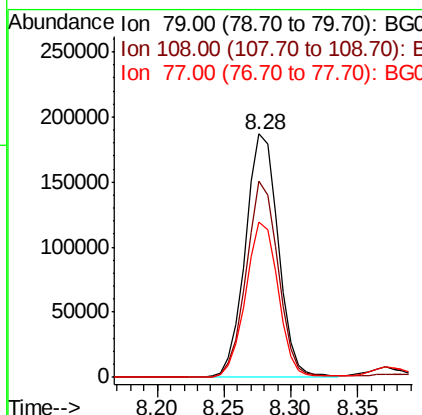
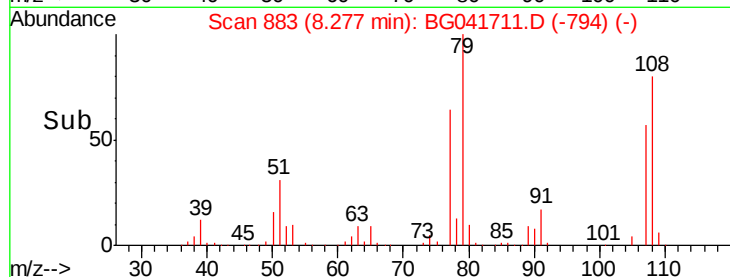
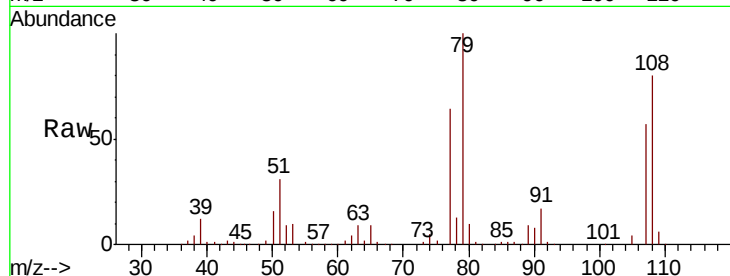
ClientSampleId :

SB-6(8-10)MSD

Tot Ion:	79	Resp:	317030
Ion Ratio	Lower	Upper	
79	100		
108	80.4	60.5	90.7
77	63.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.420 ng

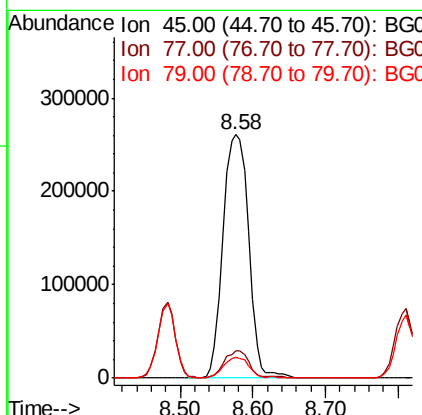
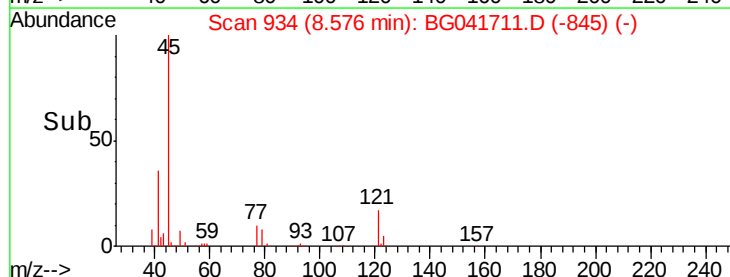
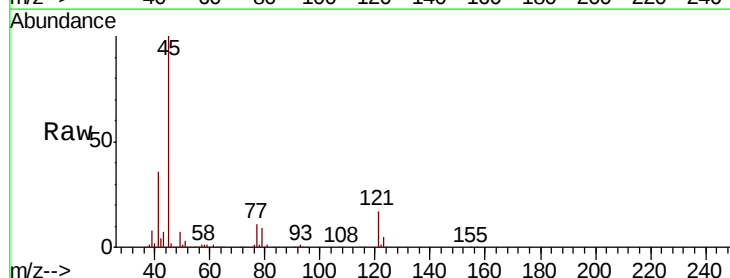
RT: 8.58 min Scan# 934

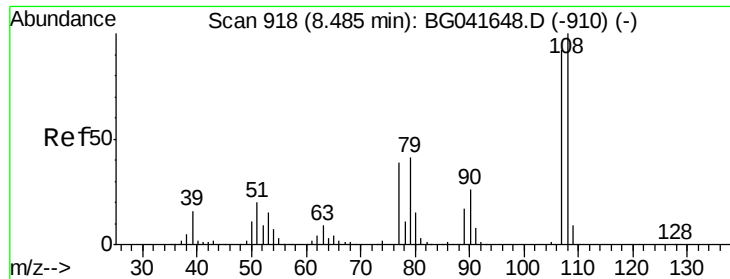
Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Tgt Ion:	45	Resp:	642937
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.4
79	8.5	0.0	27.9





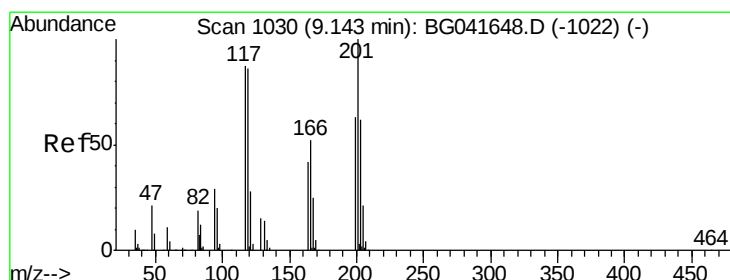
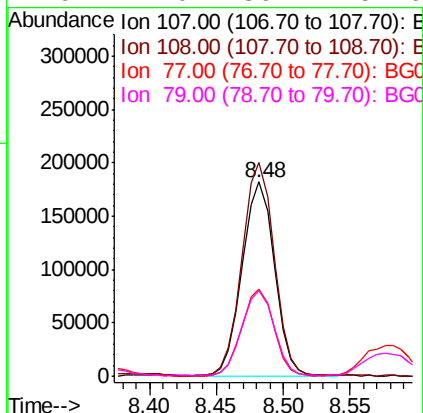
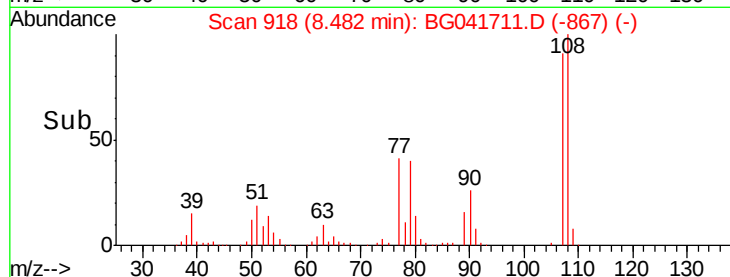
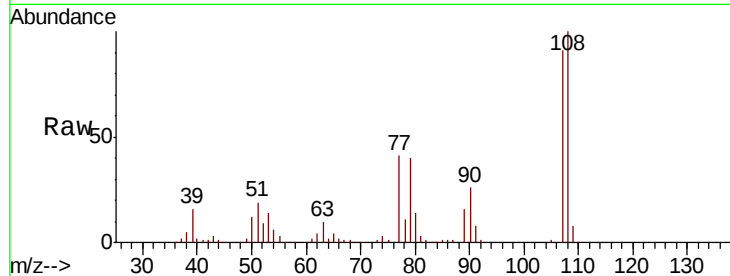
#17
2-Methylphenol
Concen: 45.280 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	87.6	131.4
77	44.8	36.1	54.1
79	44.0	36.4	54.6

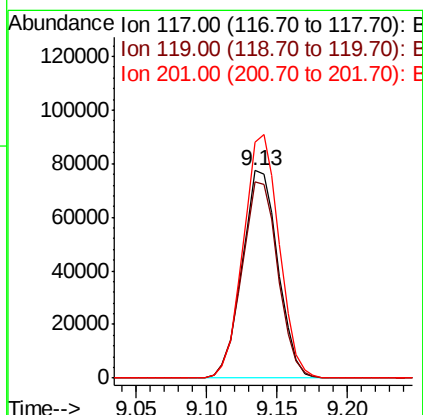
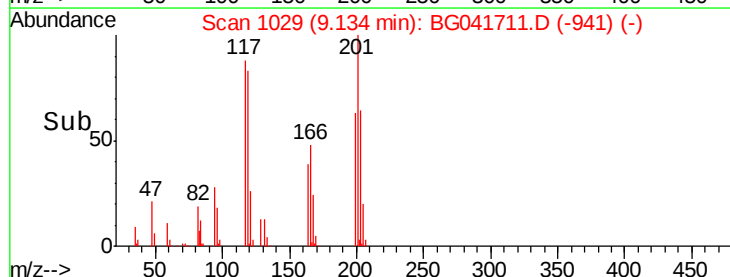
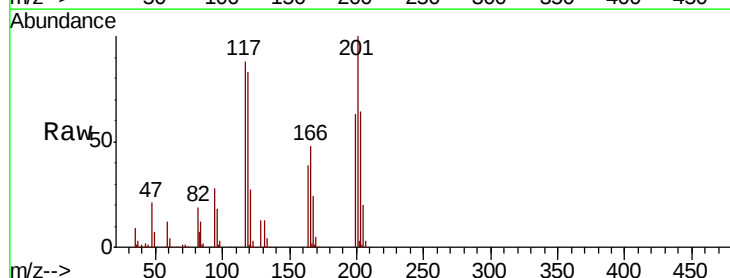
Manual Integrations
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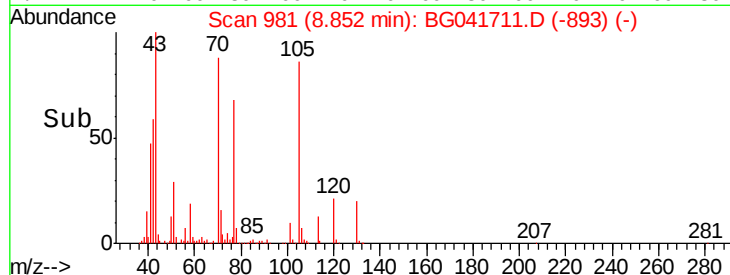
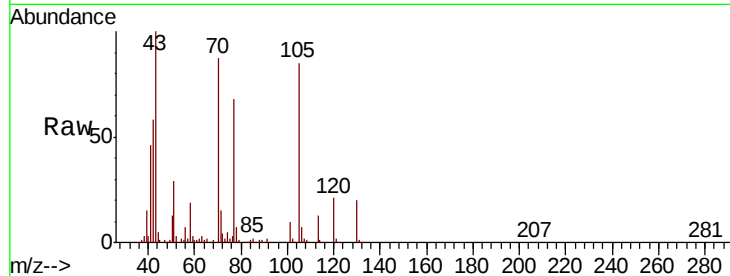
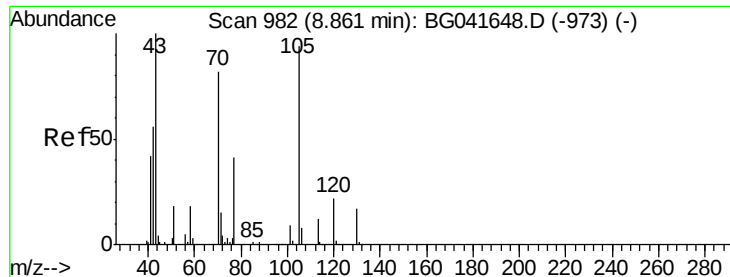
mohammad
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#18
Hexachloroethane
Concen: 40.466 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.2	114.2
201	113.6	94.1	141.1





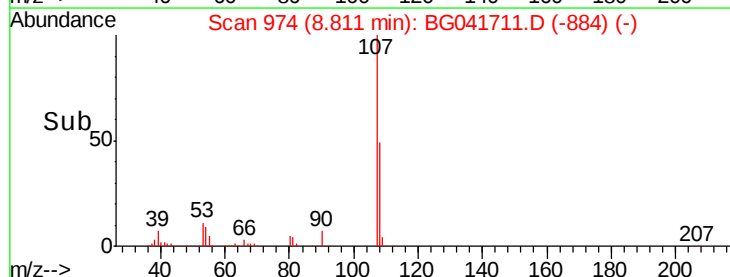
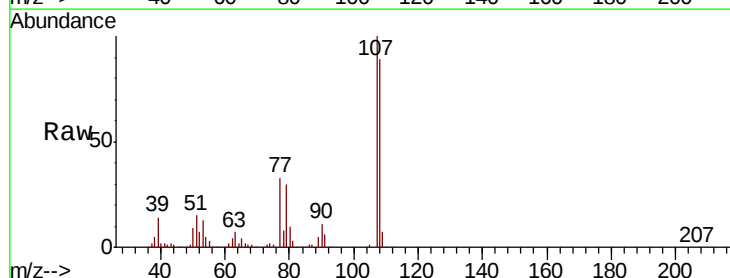
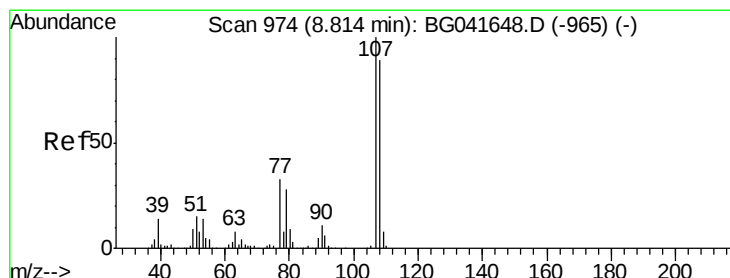
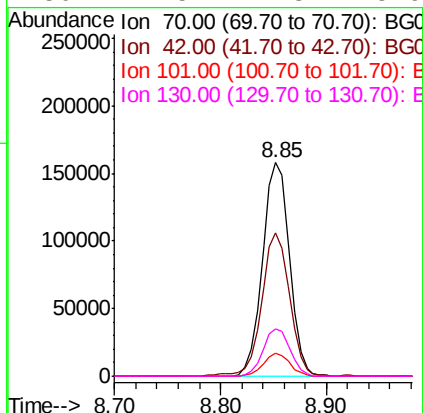
#19
n-Nitroso-di-n-propylamine
Concen: 41.441 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.2	55.8	83.6
101	11.1	8.1	12.1
130	22.5	17.3	25.9

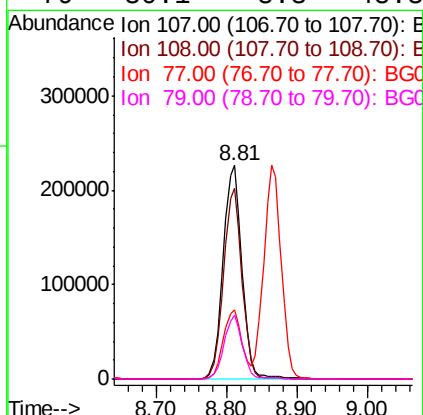
Manual Integrations
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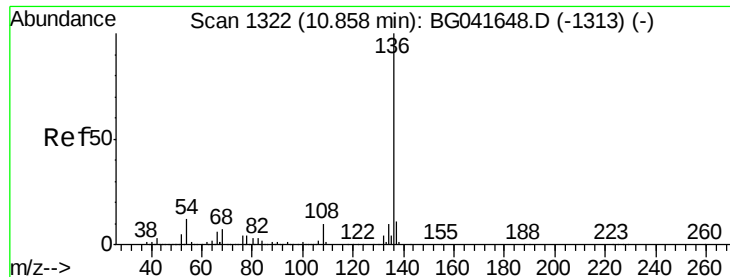
mohammad
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#20
3+4-Methylphenols
Concen: 45.483 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.5	107.5
77	32.7	12.3	52.3
79	30.1	8.3	48.3





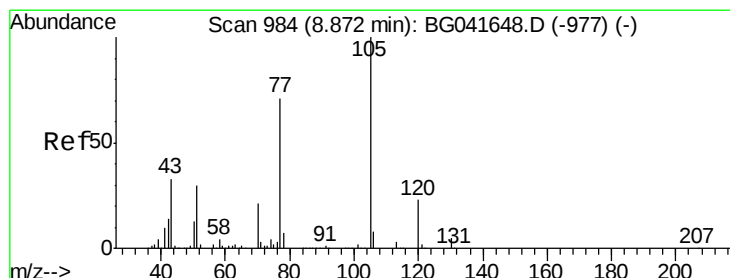
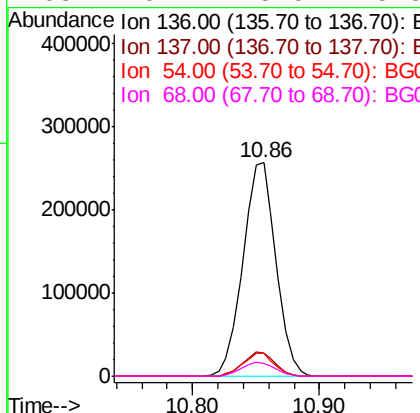
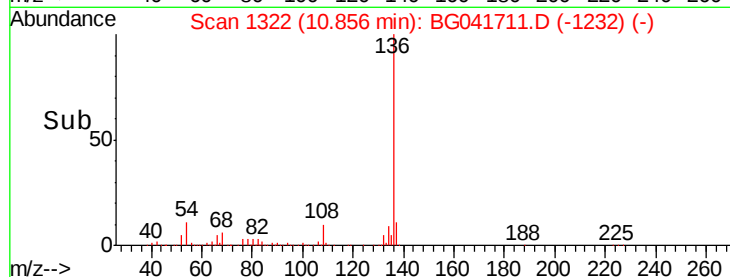
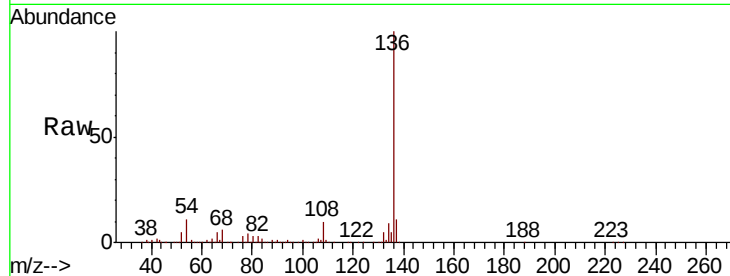
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	463732		
137	10.8		9.2	13.8
54	10.9		8.7	13.1
68	6.2		5.5	8.3

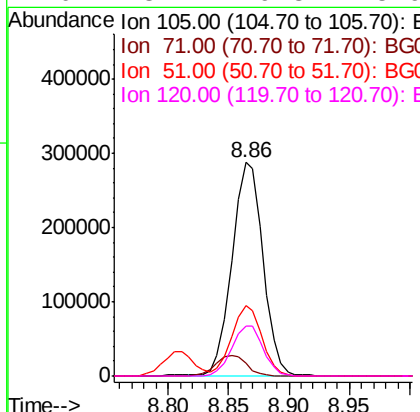
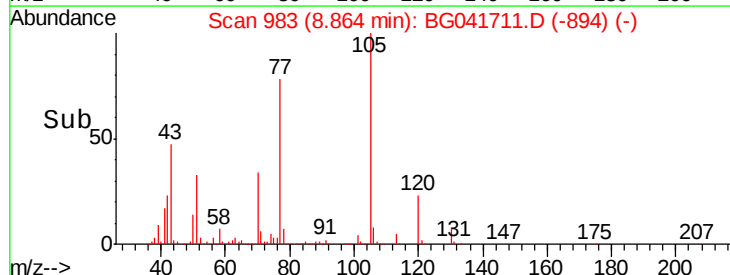
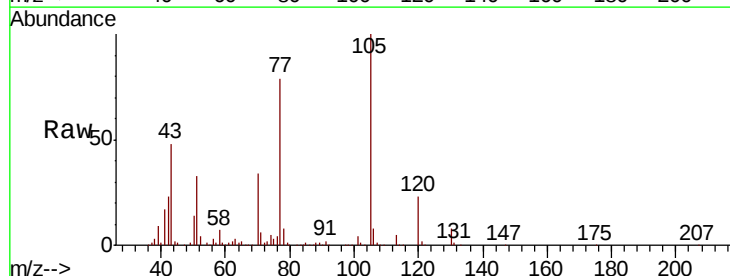
Manual Integrations
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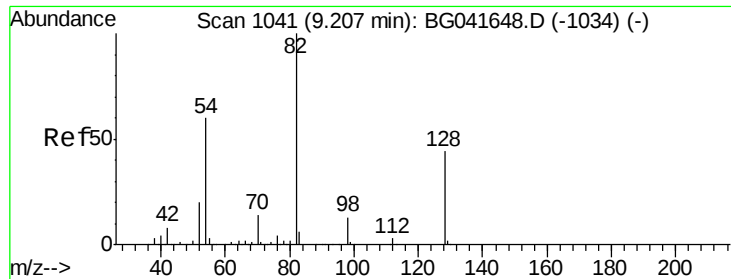
mohammad
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#22
Acetophenone
Concen: 45.590 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	514912		
71	5.7		5.9	8.9#
51	33.0		27.7	41.5
120	23.4		19.3	28.9





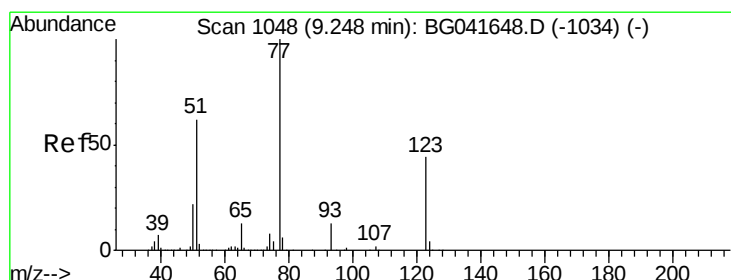
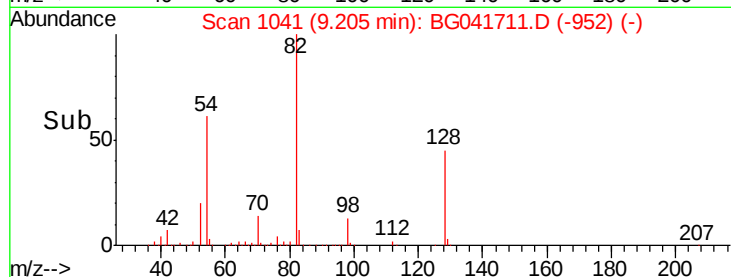
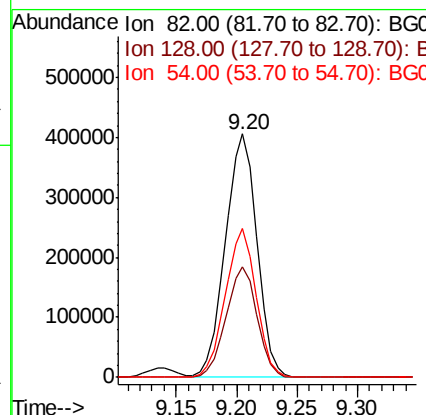
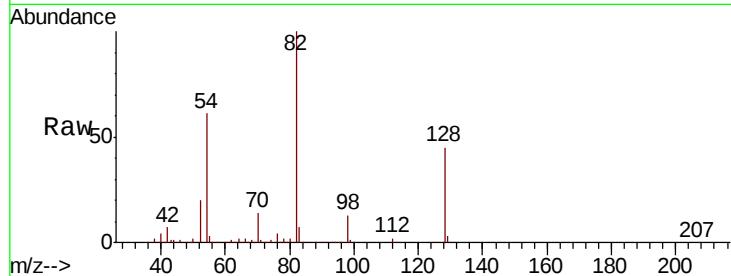
#23
 Nitrobenzene-d5
 Concen: 96.173 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.1	52.7
54	60.9	48.7	73.1

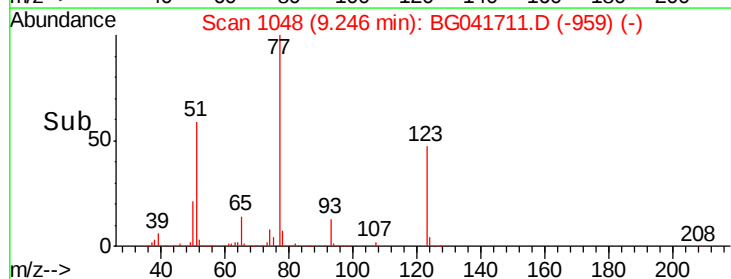
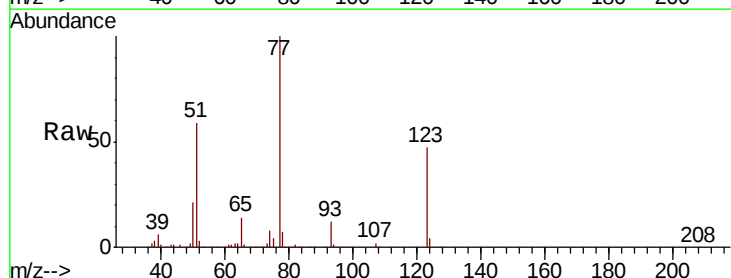
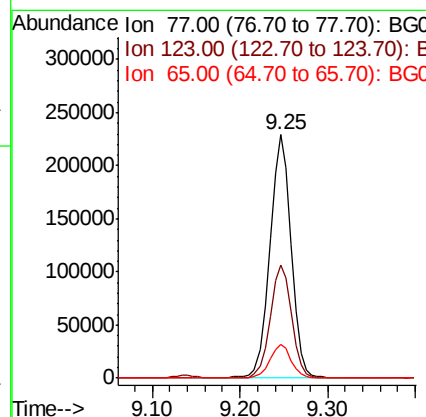
Manual Integrations
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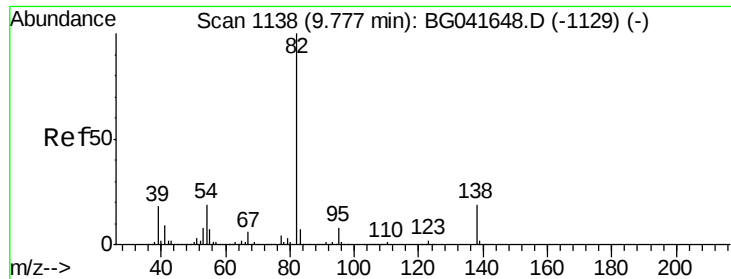
mohammad
 7/19/2019 3:57:55 PM



#24
 Nitrobenzene
 Concen: 46.150 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	38.1	57.1
65	13.9	11.0	16.6





#25

Isophorone

Concen: 44.250 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

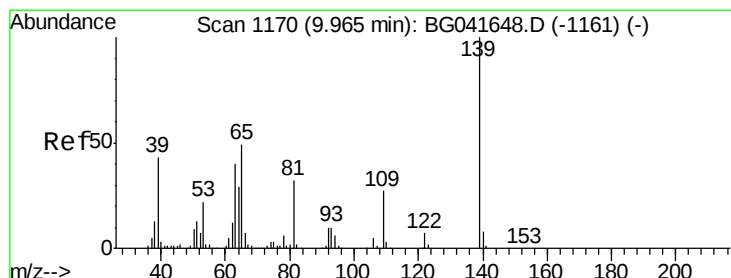
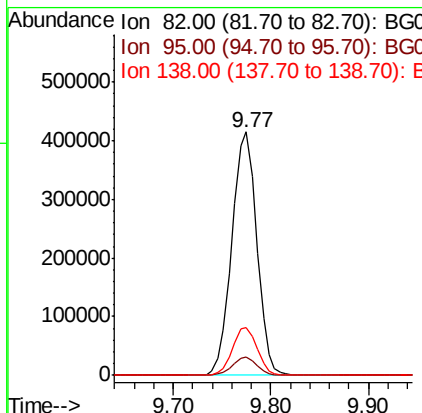
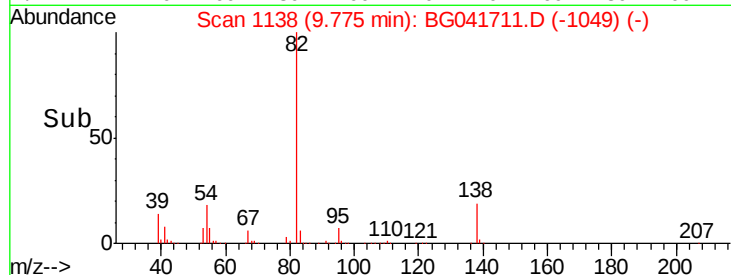
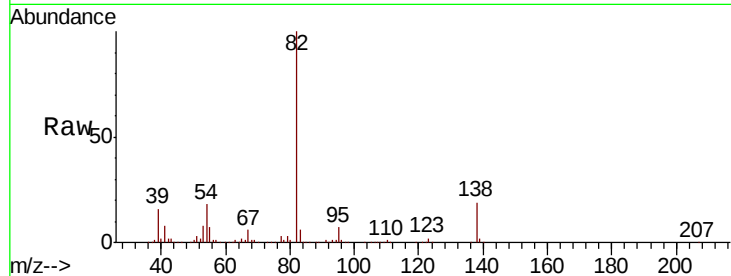
ClientSampleId :

SB-6(8-10)MSD

Tot Ion:	82	Resp:	738855
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.9	8.9
138	19.4	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.797 ng

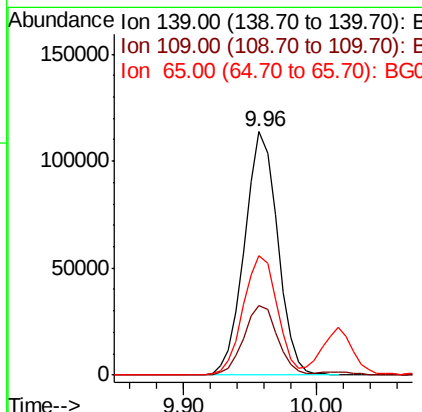
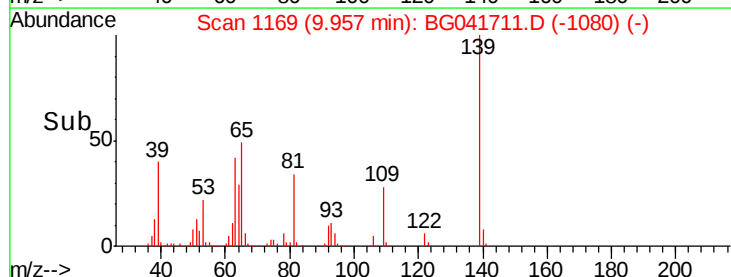
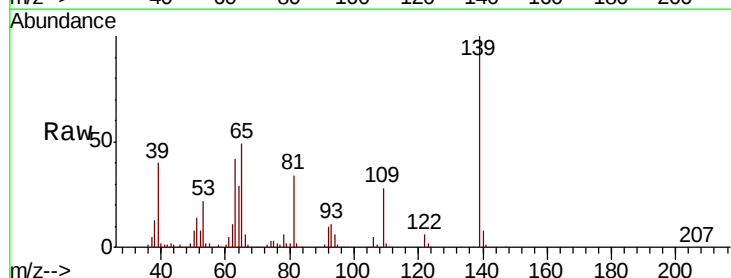
RT: 9.96 min Scan# 1169

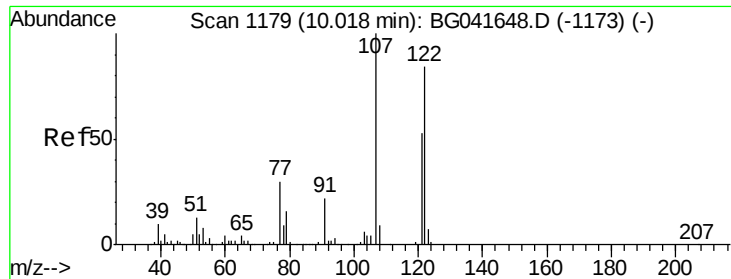
Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Tgt Ion:	139	Resp:	194987
Ion Ratio	Lower	Upper	
139	100		
109	28.3	22.7	34.1
65	49.3	41.1	61.7





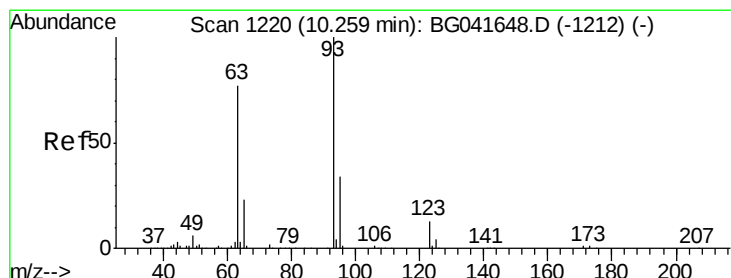
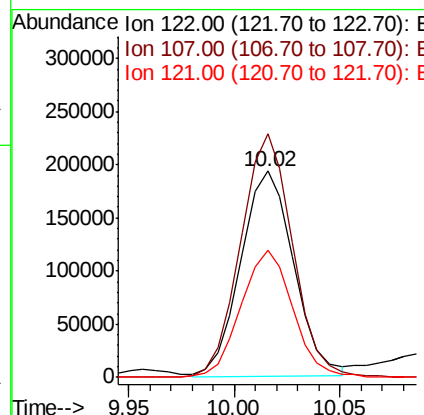
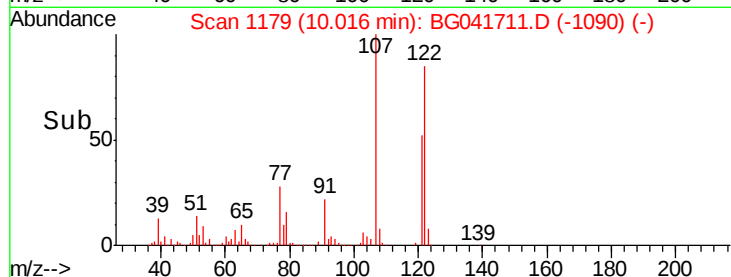
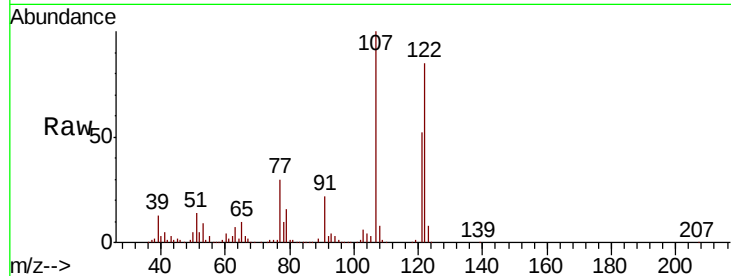
#27
2,4-Dimethylphenol
Concen: 50.902 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	118.1	91.3	136.9	
121	61.8	49.2	73.8	

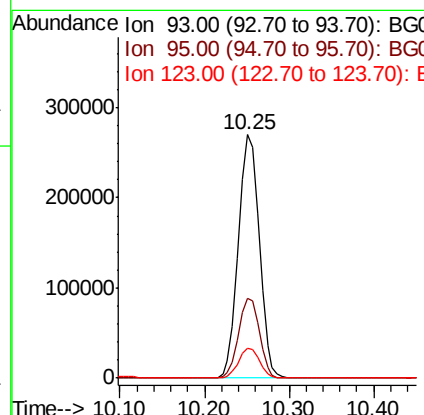
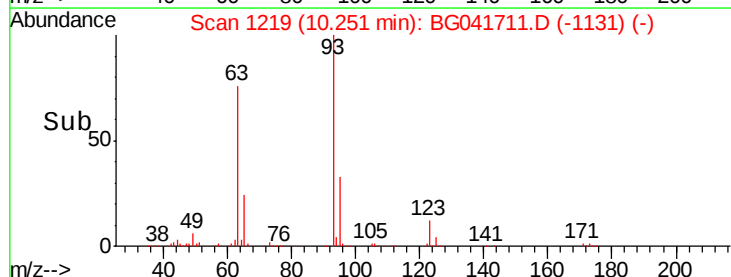
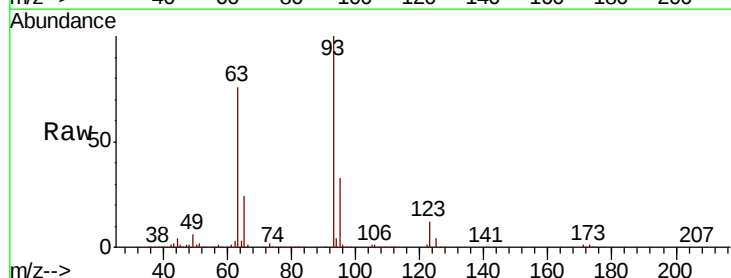
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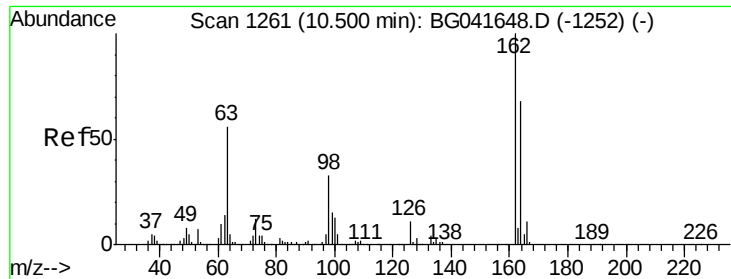
mohammad
7/19/2019 3:57:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.463 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.2	39.4	
123	12.1	9.9	14.9	





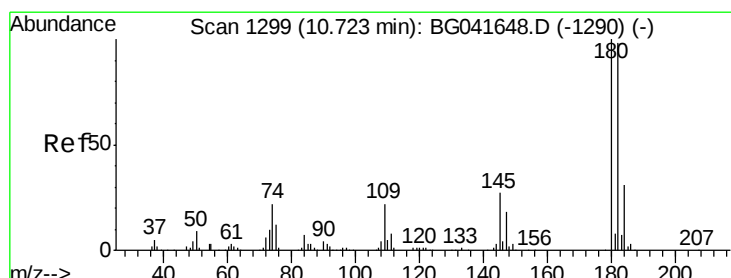
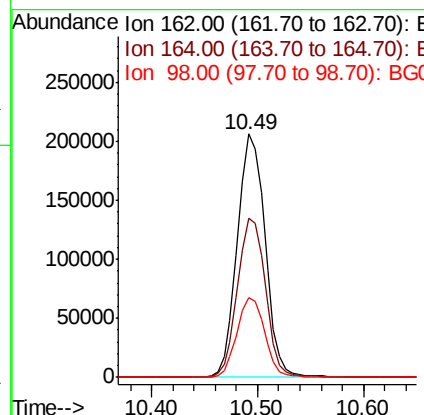
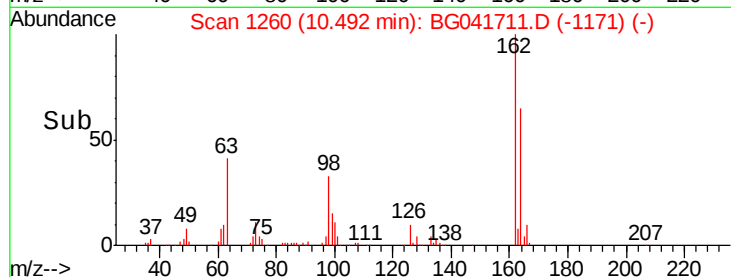
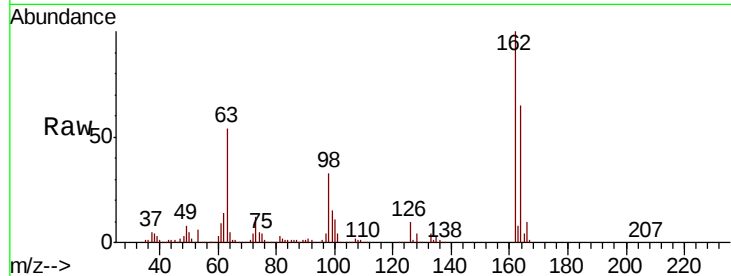
#29
2,4-Dichlorophenol
Concen: 49.953 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.2	46.1	86.1	
98	32.8	14.7	54.7	

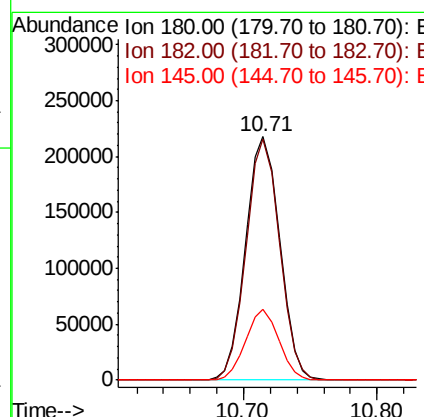
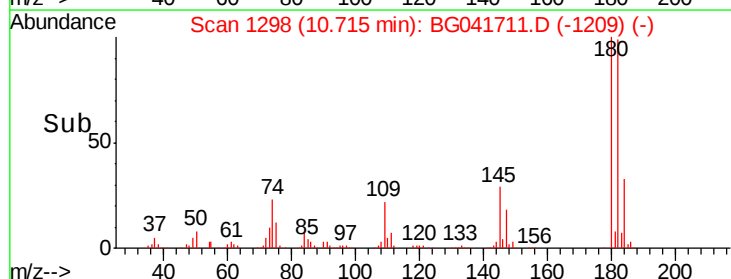
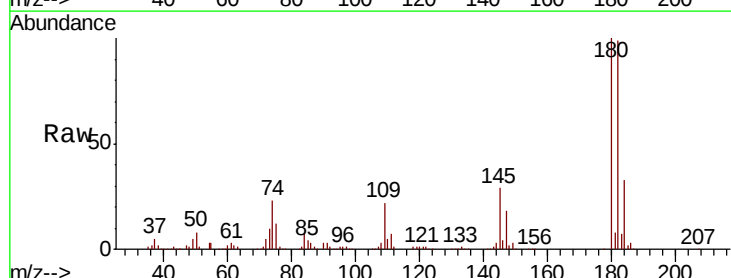
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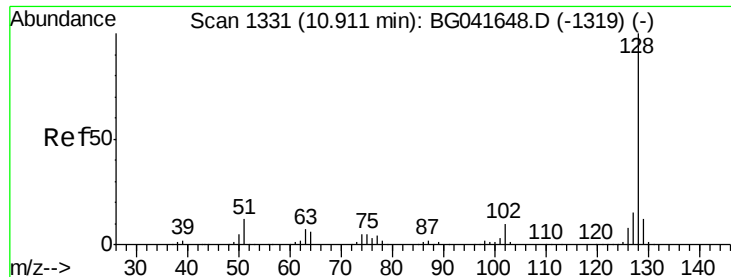
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.600 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.9	76.2	114.2	
145	29.0	23.8	35.8	





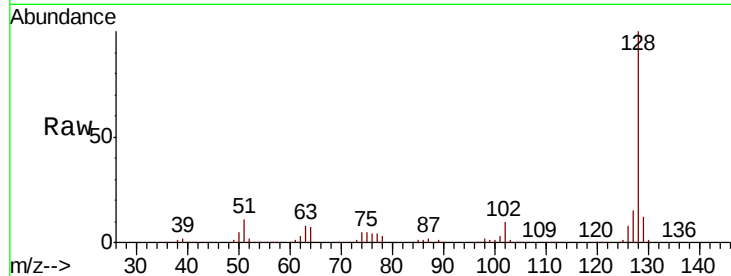
#31
Naphthalene
Concen: 44.505 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

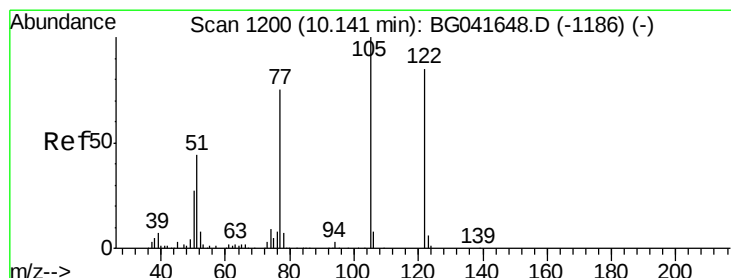
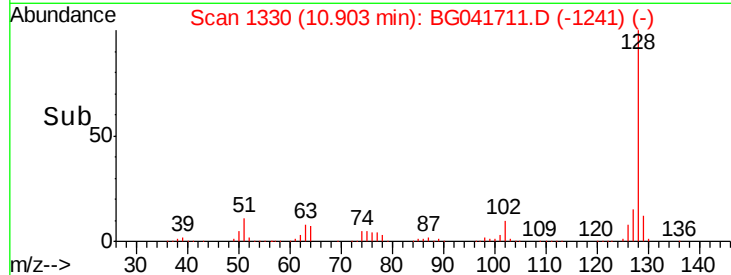
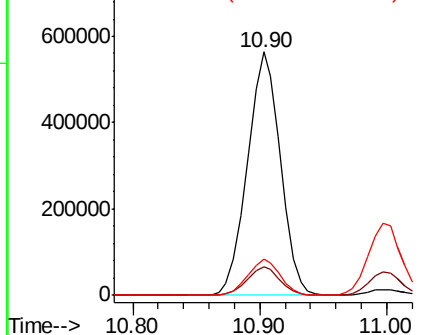
Tot Ion:128 Resp: 1016052
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 15.1 12.3 18.5

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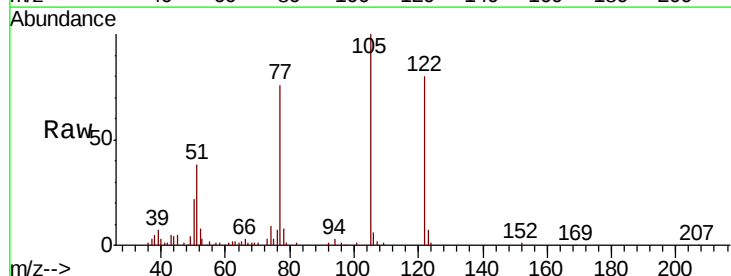


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

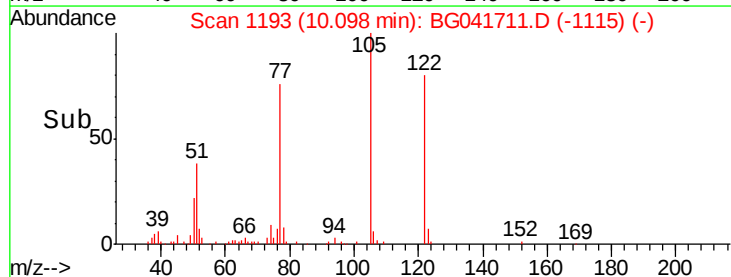
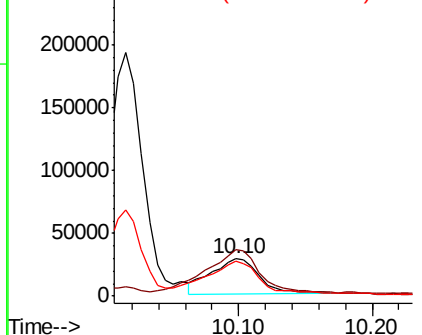


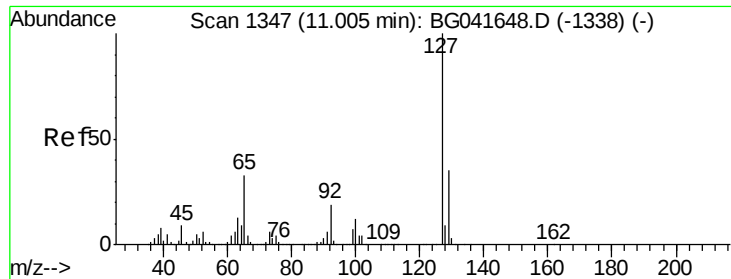
#32
Benzoic acid
Concen: 18.508 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.07 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion:122 Resp: 71647
Ion Ratio Lower Upper
122 100
105 125.1 101.5 141.5
77 95.1 73.0 113.0



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





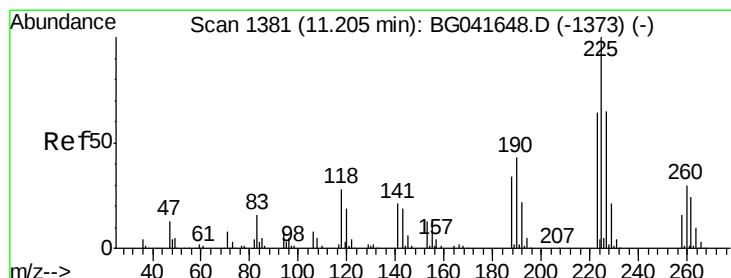
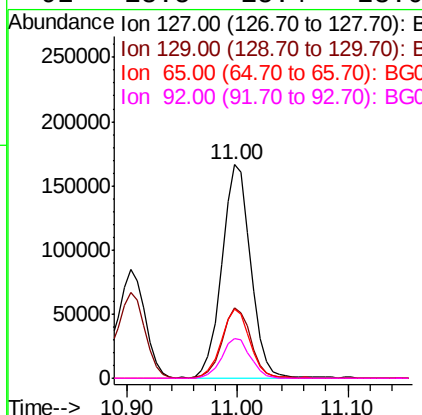
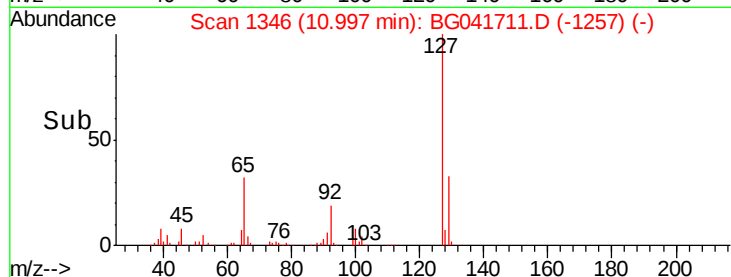
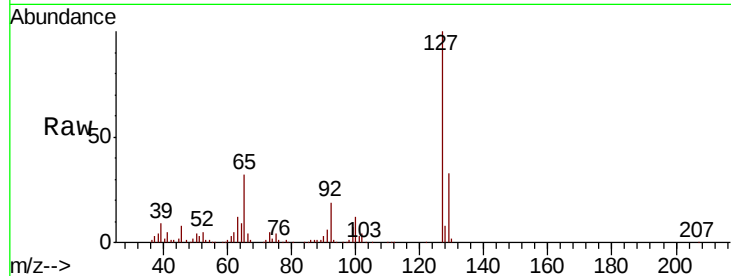
#33
4-Chloroaniline
Concen: 28.692 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampled :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	32.2	26.7	40.1
92	18.5	15.4	23.0

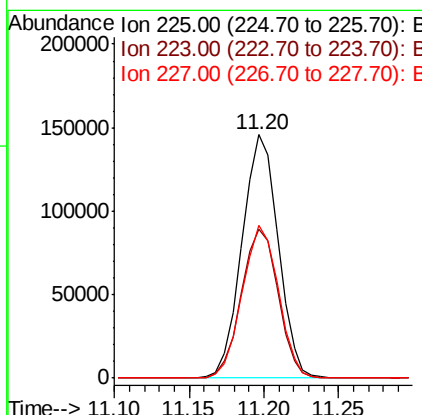
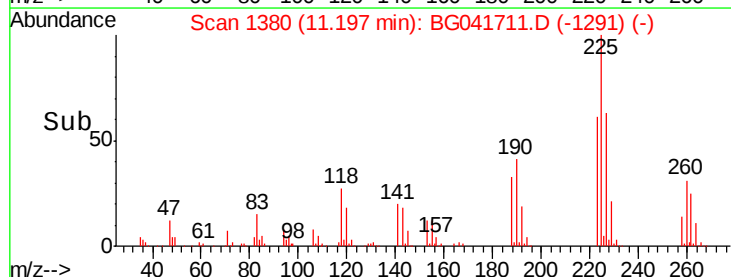
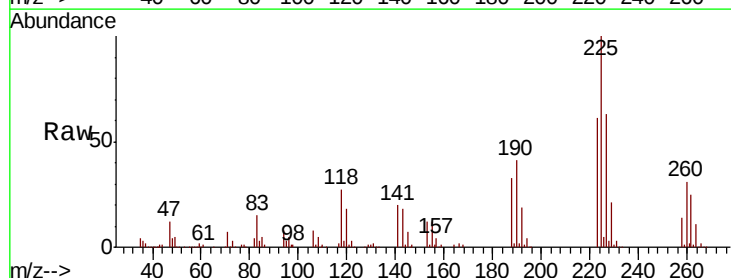
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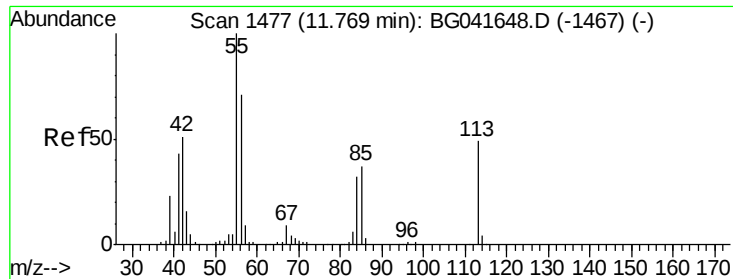
mohammad
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#34
Hexachlorobutadiene
Concen: 42.987 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.1	76.7
227	62.8	50.9	76.3





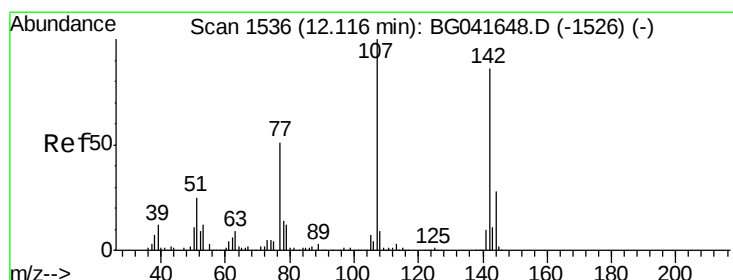
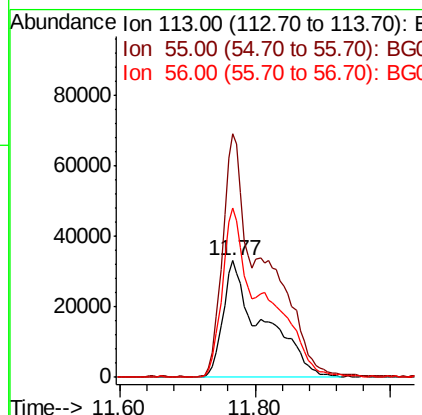
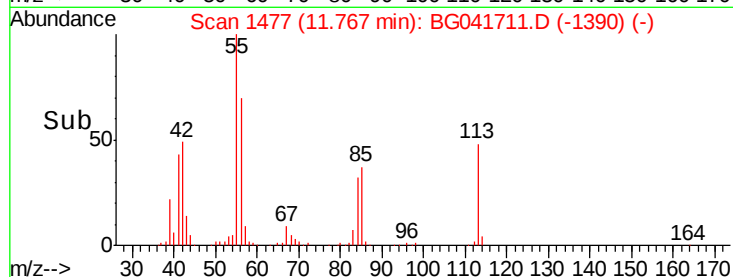
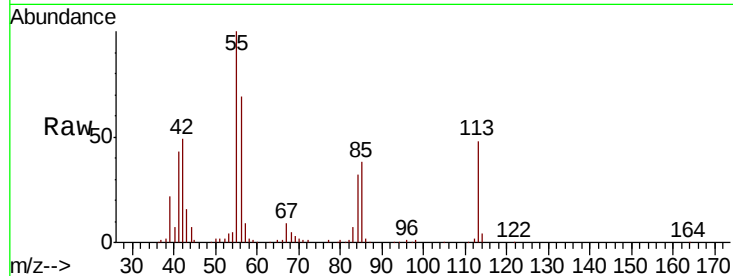
#35
Caprolactam
Concen: 49.383 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.02 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.0	199.4	239.4
56	145.2	133.6	173.6

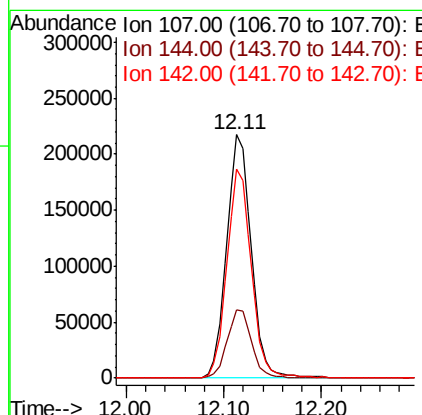
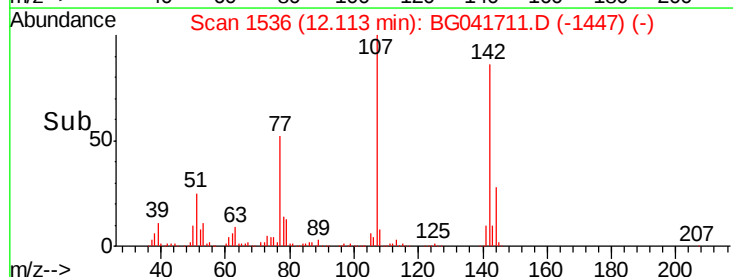
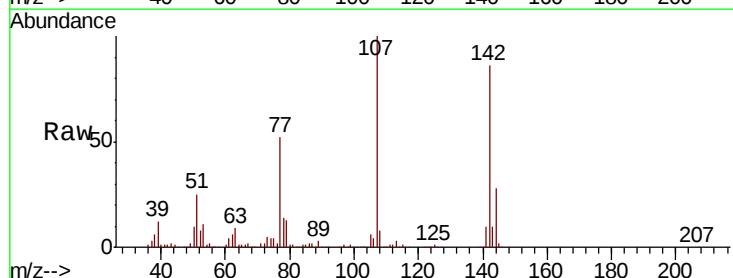
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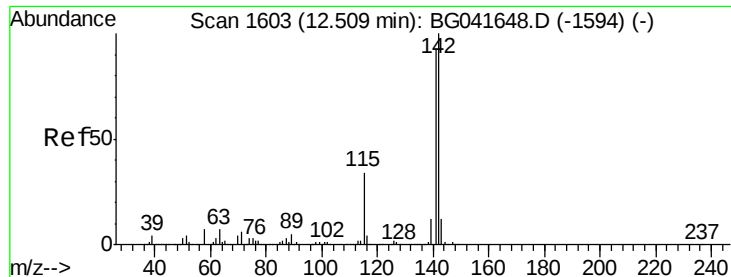
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 48.252 ng/ml
RT: 12.11 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.9	22.2	33.2
142	85.9	67.3	100.9





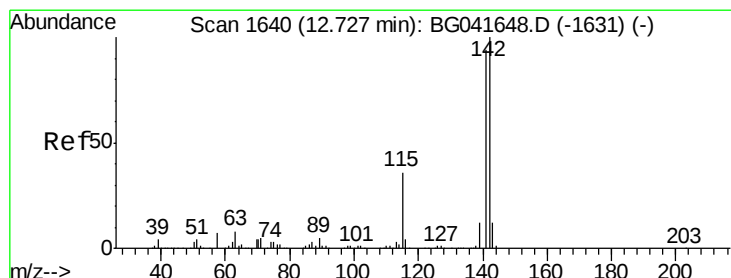
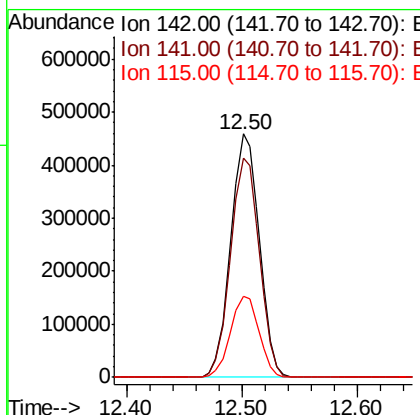
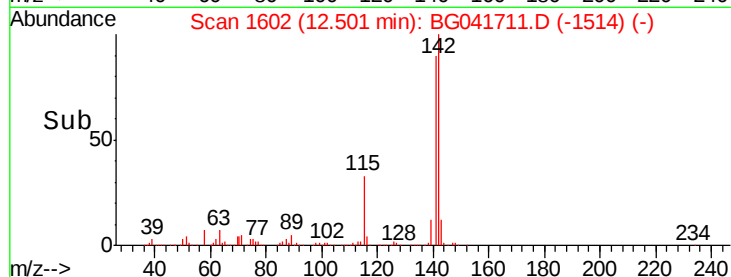
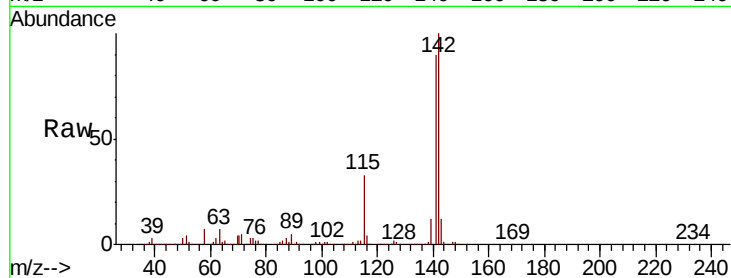
#37
2-Methylnaphthalene
Concen: 45.074 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.7	109.1
115	33.4	27.0	40.4

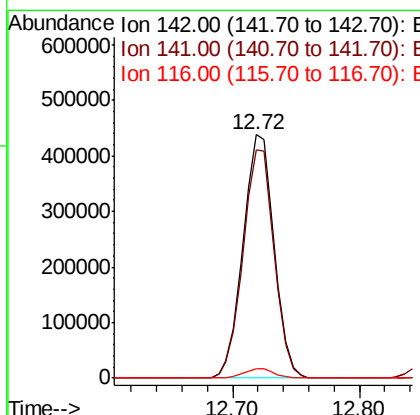
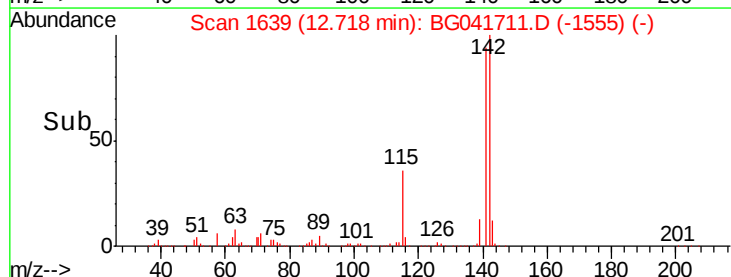
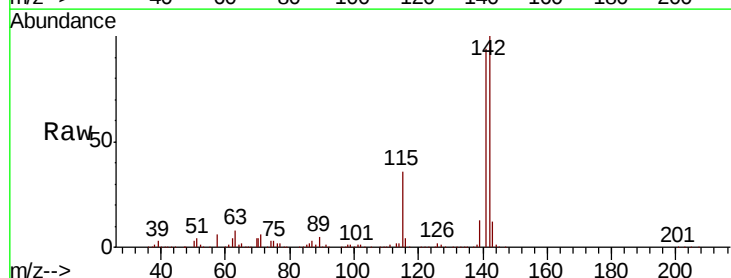
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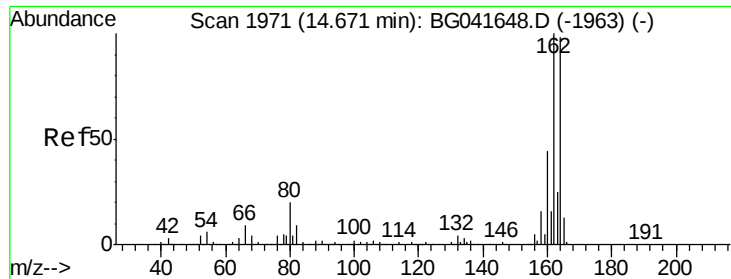
mohammad
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#38
1-Methylnaphthalene
Concen: 44.828 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.4	113.2
116	3.8	3.2	4.8





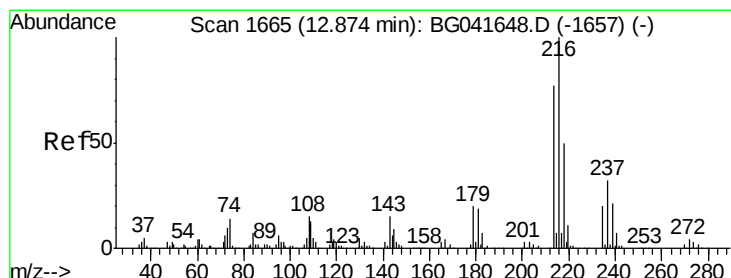
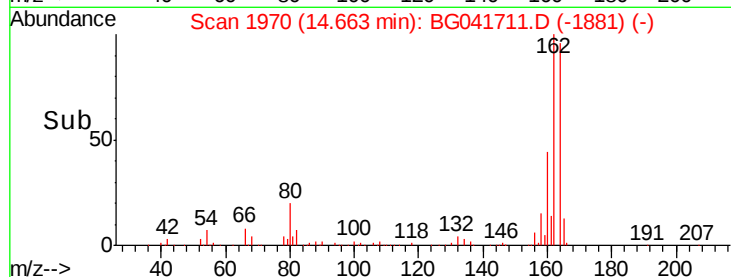
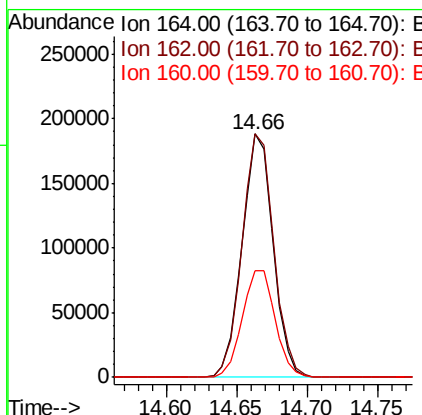
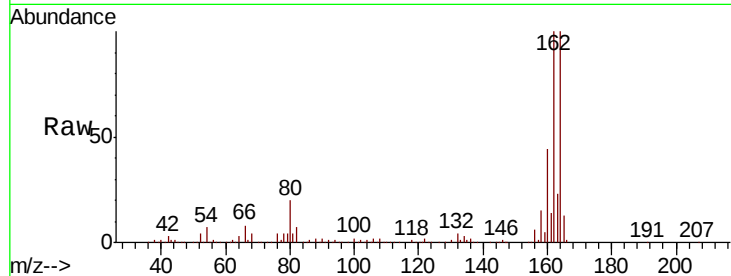
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampled :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	79.6	119.4	
160	44.0	35.4	53.0	

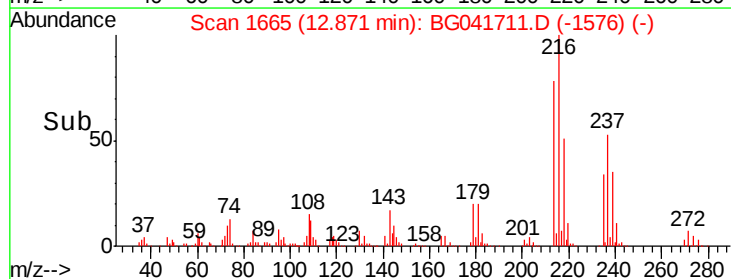
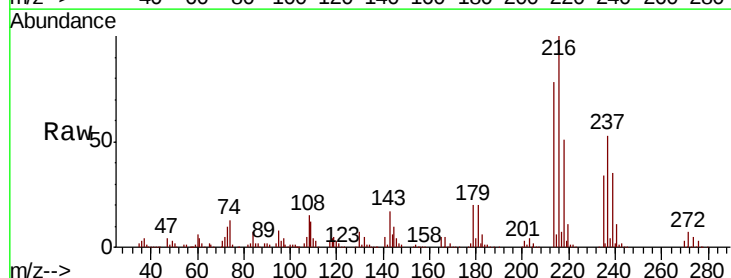
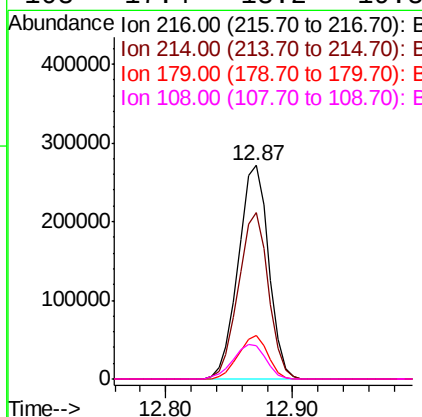
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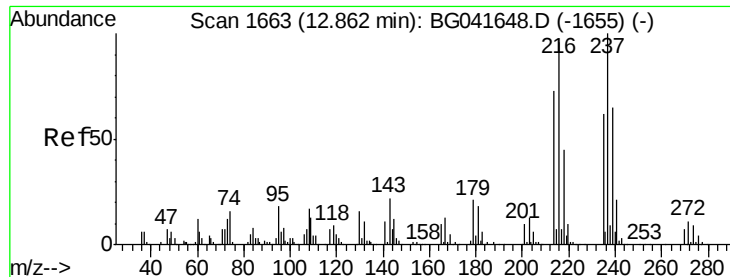
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.470 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.8	61.5	92.3	
179	19.7	16.2	24.2	
108	17.4	13.2	29.8	





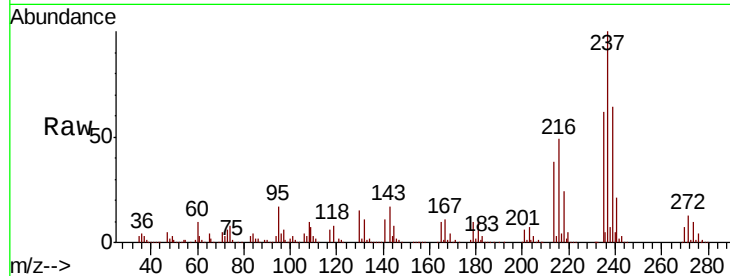
#41
Hexachlorocyclopentadiene
Concen: 106.319 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	43.5	83.5
272	12.5	0.0	31.2

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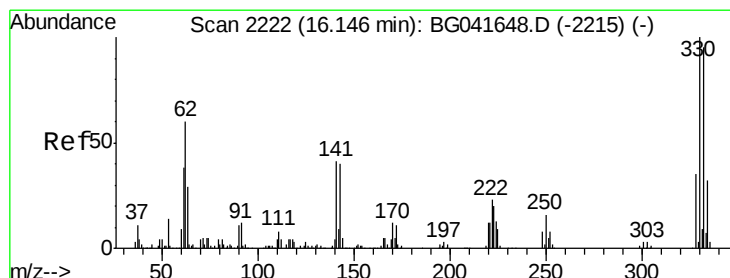
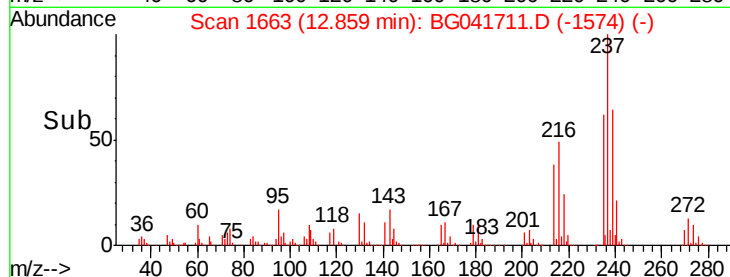
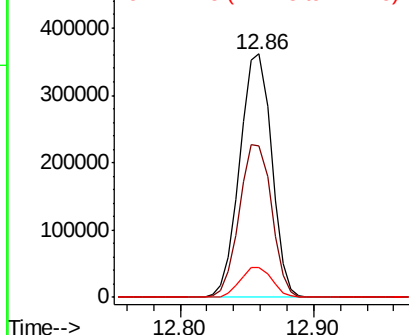


Abundance

Ion 236.80 (236.50 to 237.50): E

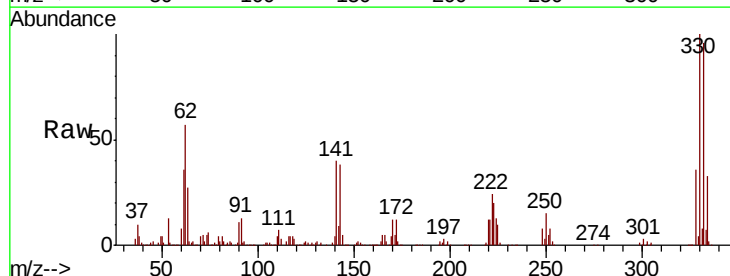
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 146.822 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	77.4	116.0
141	38.8	31.9	47.9

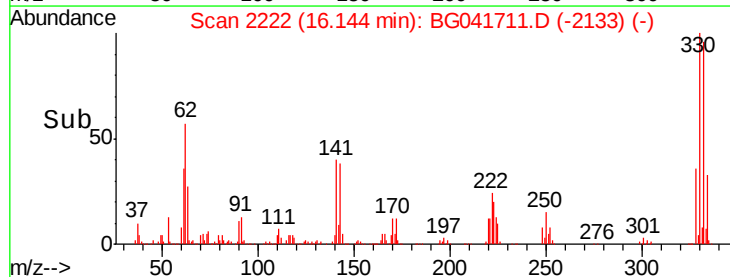
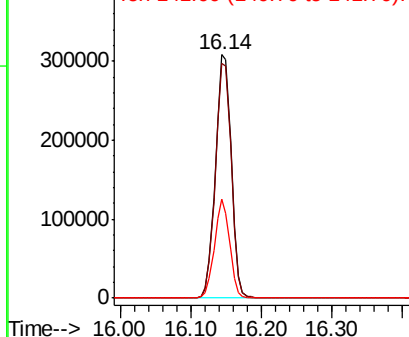


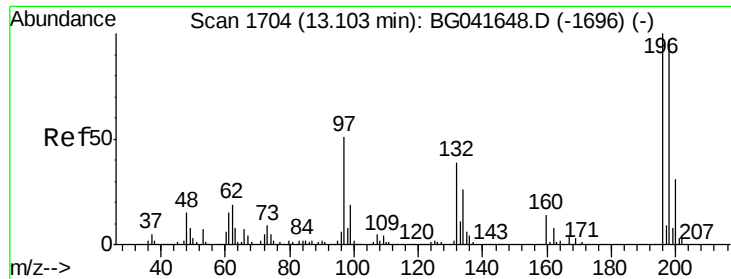
Abundance

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





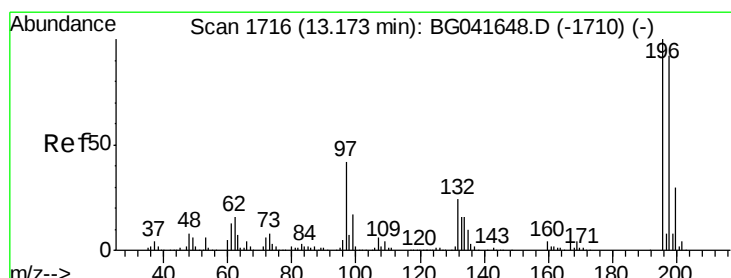
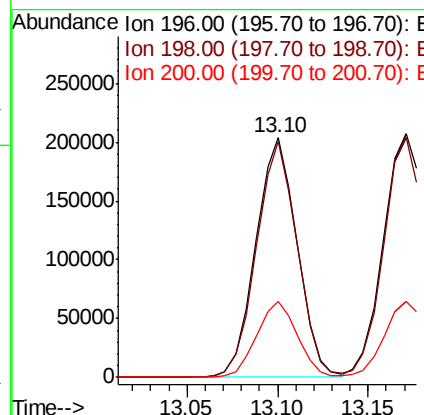
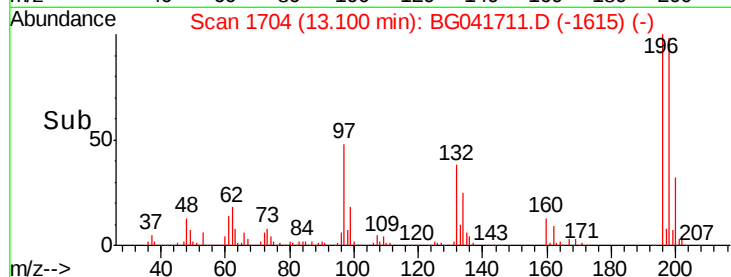
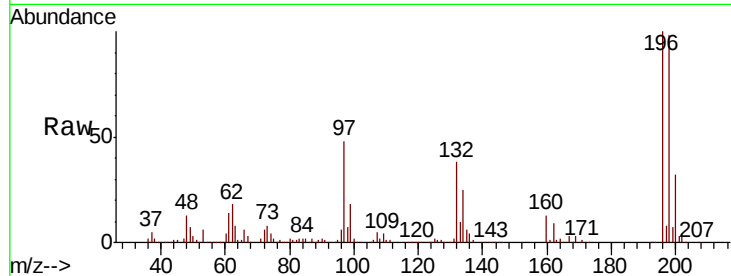
#43
 2,4,6-Trichlorophenol
 Concen: 49.863 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	321409		
198	98.4	79.6	119.4	
200	31.6	25.2	37.8	

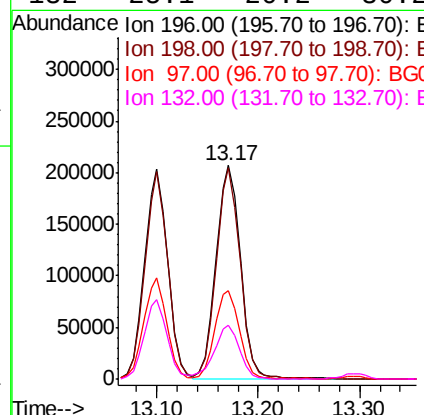
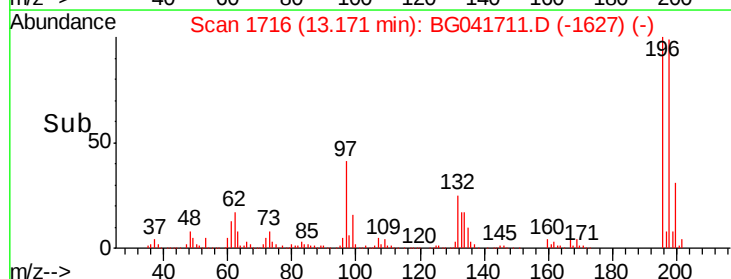
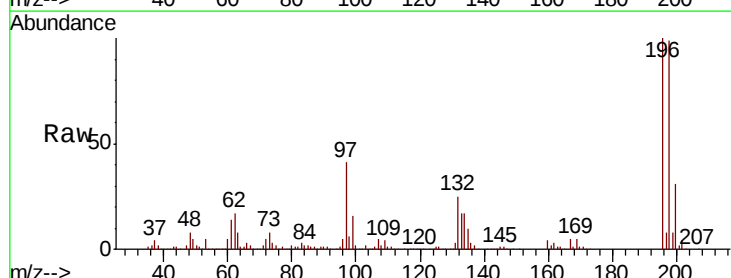
Manual Integrations
 APPROVED

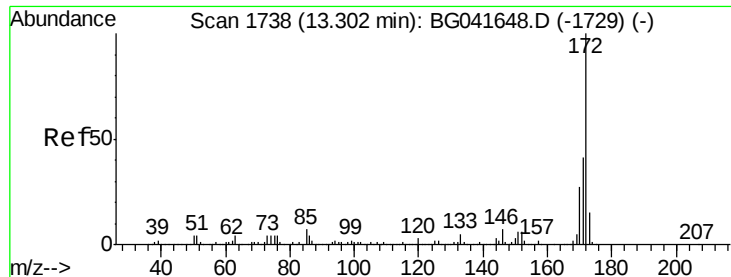
mohammad
 7/19/2019 3:57:55 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.874 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345505		
198	98.6	80.6	121.0	
97	41.5	33.9	50.9	
132	25.1	20.2	30.2	





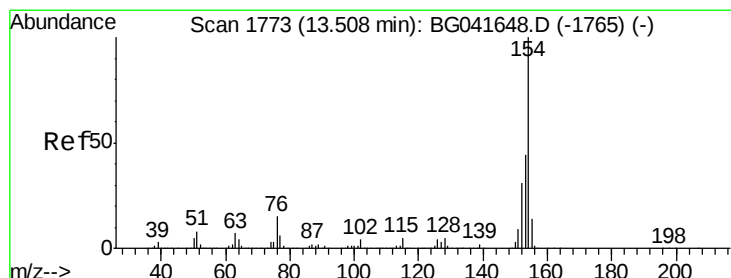
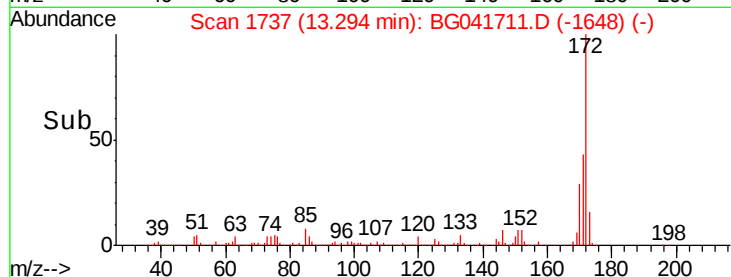
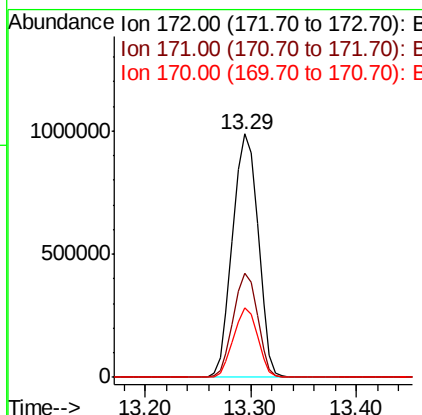
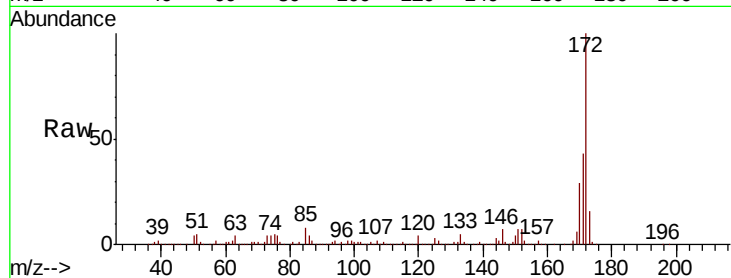
#45
2-Fluorobiphenyl
Concen: 88.522 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	42.8	35.0	52.4
170	28.5	23.5	35.3

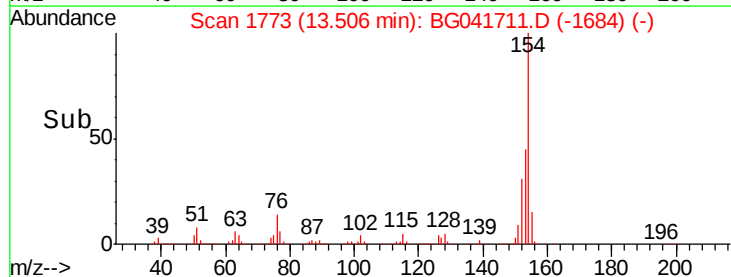
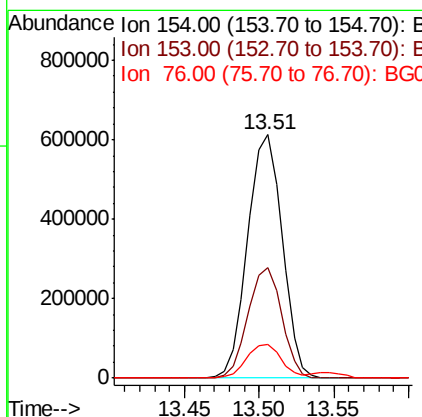
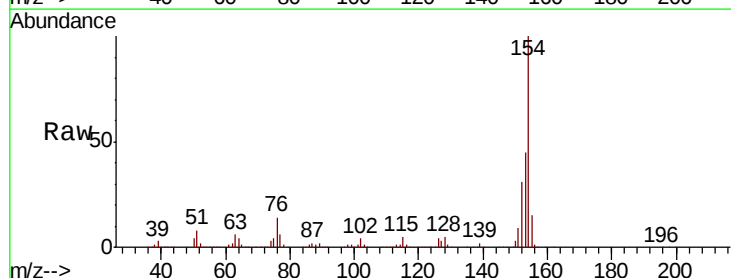
Manual Integrations
APPROVED

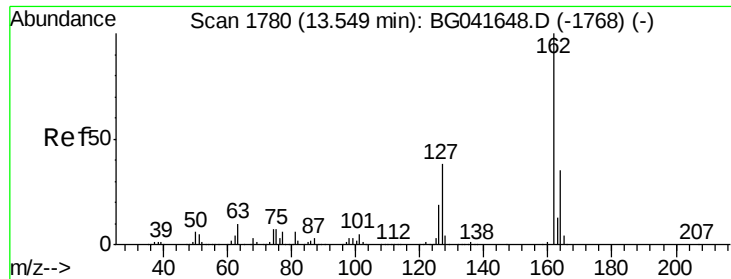
mohammad
7/19/2019 3:57:55 PM



#46
1,1'-Biphenyl
Concen: 45.253 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.2	25.0	65.0
76	13.7	0.0	34.5





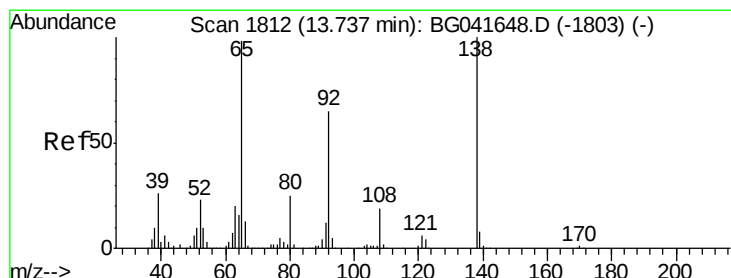
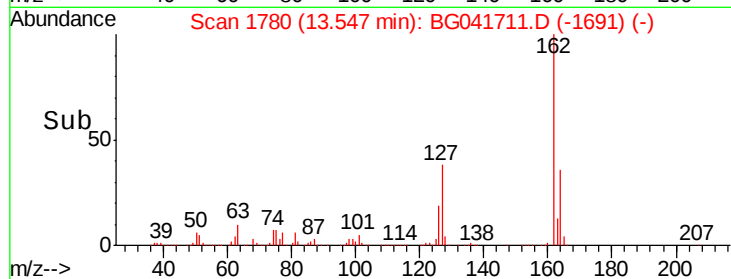
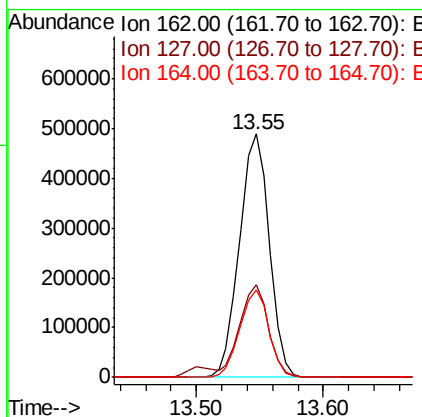
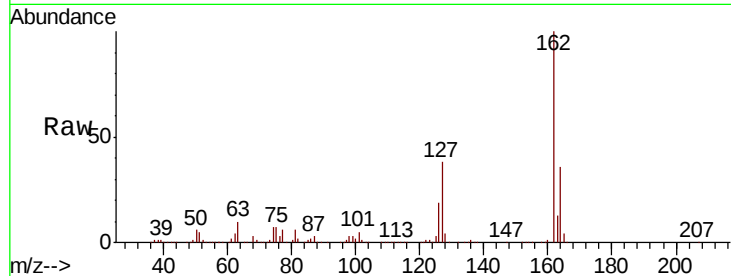
#47
2-Chloronaphthalene
Concen: 44.075 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	796999		
127	37.9		30.4	45.6
164	35.8		28.6	42.8

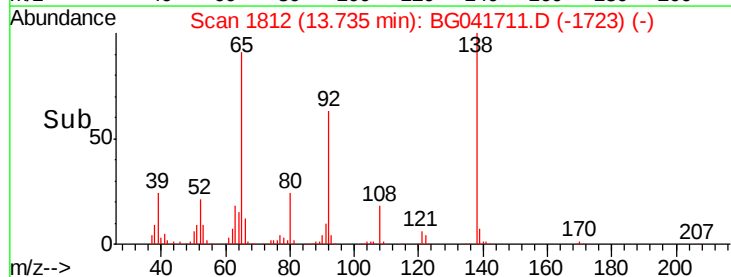
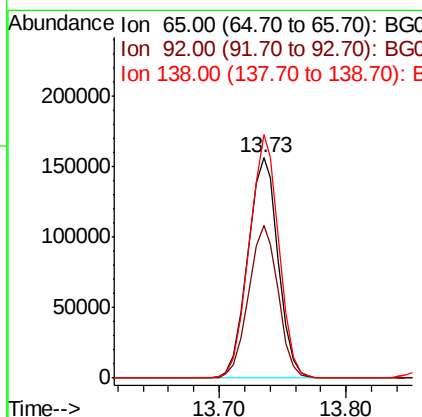
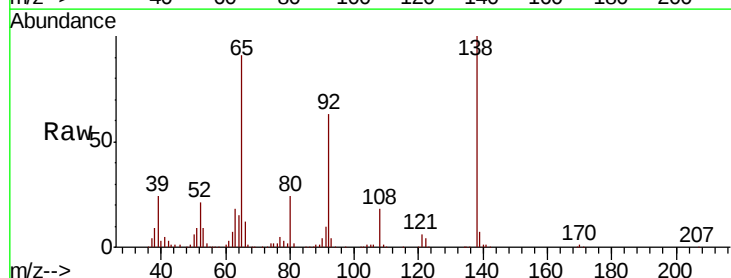
Manual Integrations
APPROVED

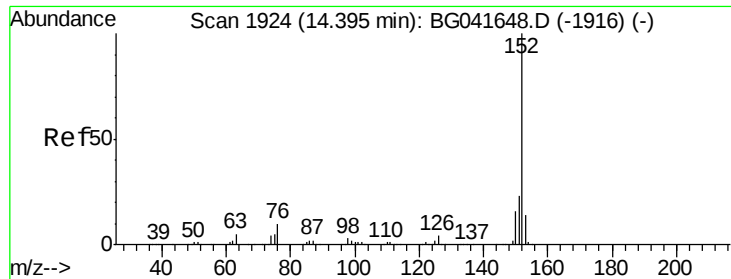
mohammad
7/19/2019 3:57:55 PM



#48
2-Nitroaniline
Concen: 49.439 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	260294		
92	69.6		53.9	80.9
138	110.4		83.5	125.3





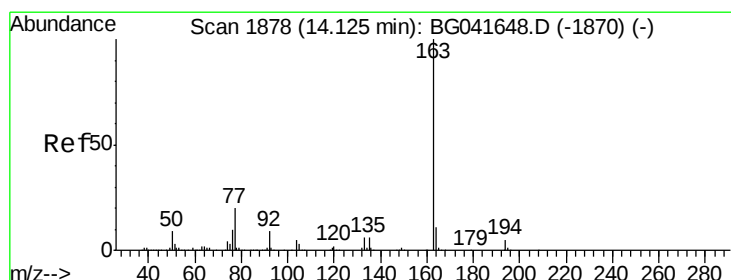
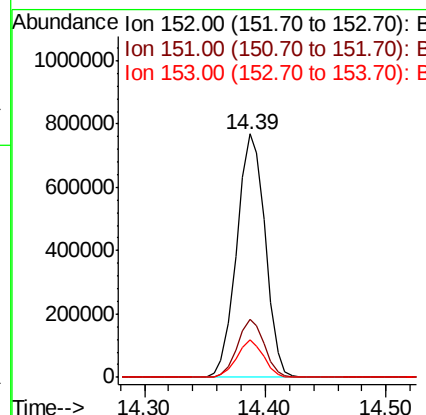
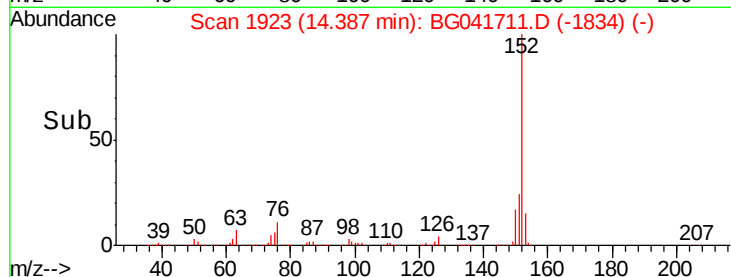
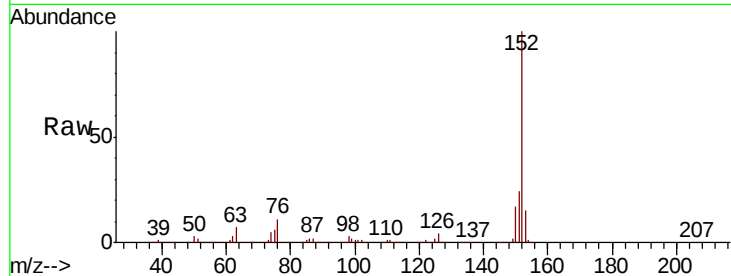
#49
Acenaphthylene
Concen: 44.491 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	23.6	18.7	28.1	
153	15.5	12.4	18.6	

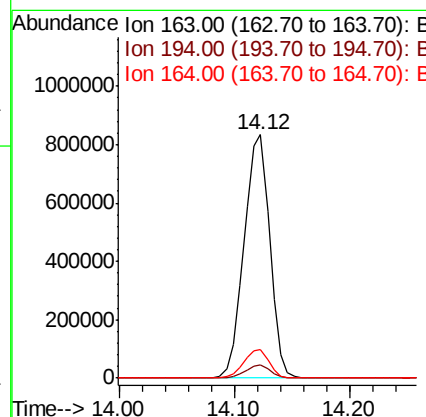
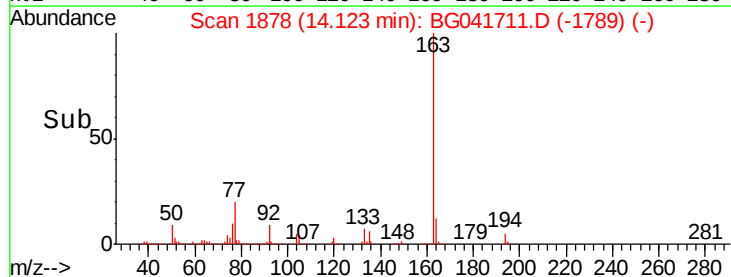
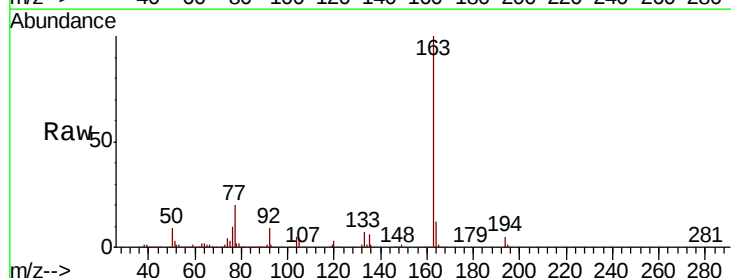
Manual Integrations
APPROVED

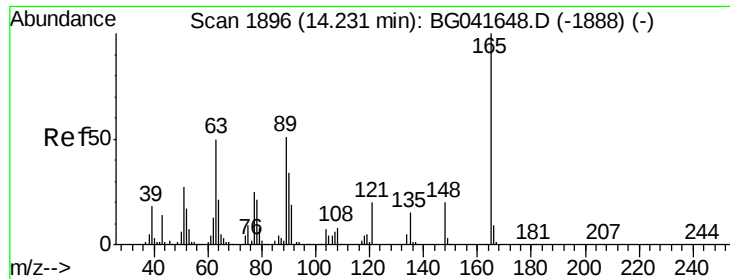
mohammad
7/19/2019 3:57:55 PM



#50
Dimethylphthalate
Concen: 56.332 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	5.4	4.2	6.2	
164	11.9	9.4	14.2	





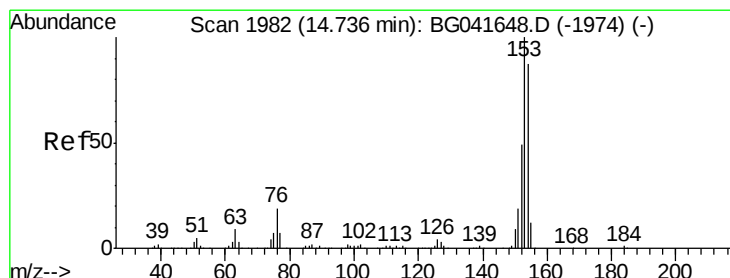
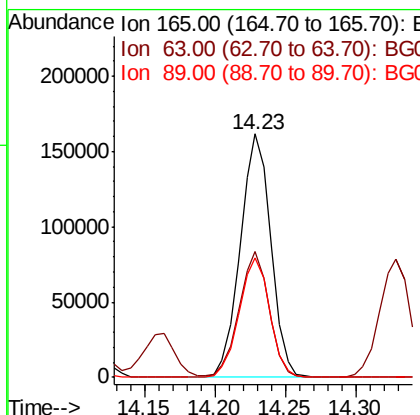
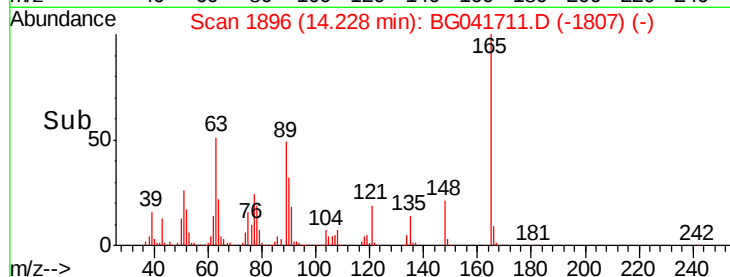
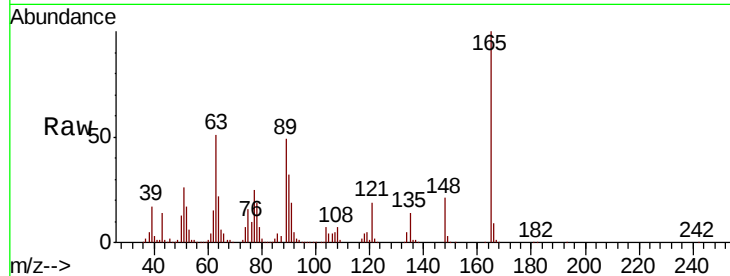
#51
2,6-Dinitrotoluene
Concen: 50.674 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	244485		
63	51.5	42.4	63.6	
89	48.9	42.1	63.1	

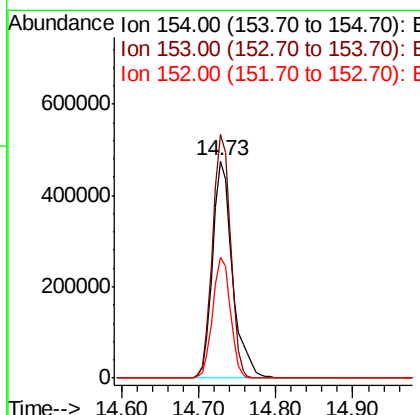
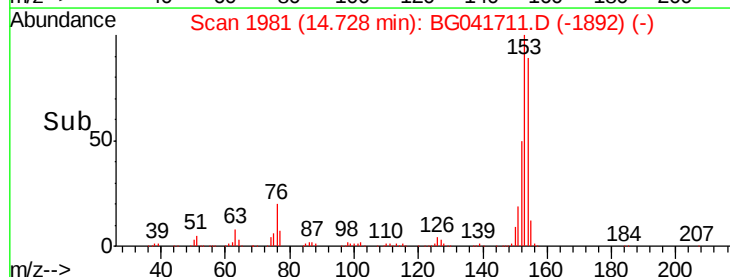
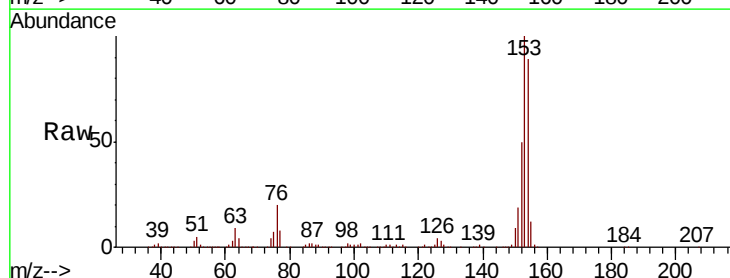
Manual Integrations
APPROVED

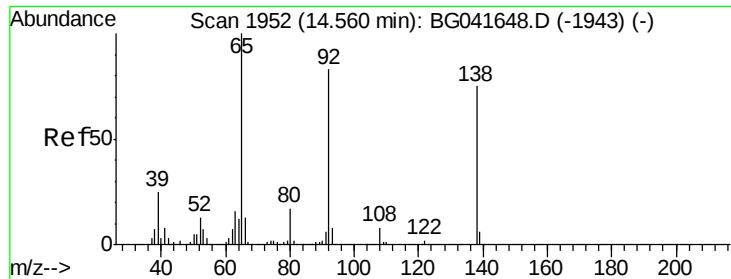
mohammad
7/19/2019 3:57:55 PM



#52
Acenaphthene
Concen: 47.222 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	840062		
153	112.0	89.8	134.6	
152	55.7	44.9	67.3	





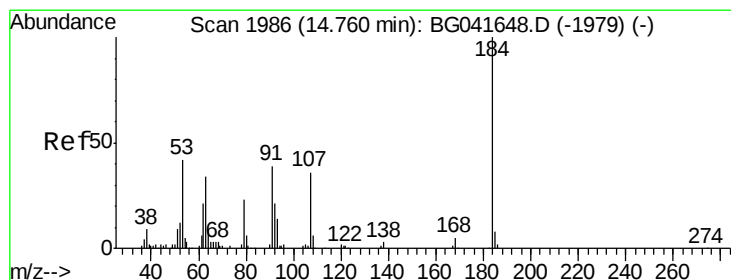
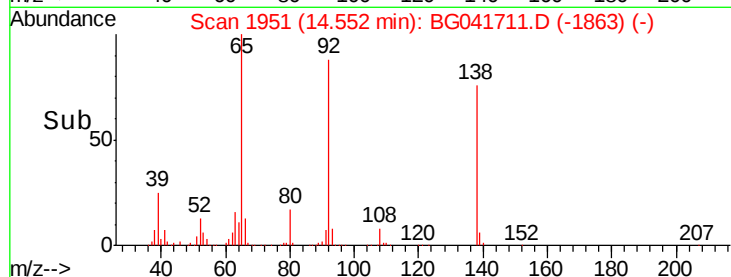
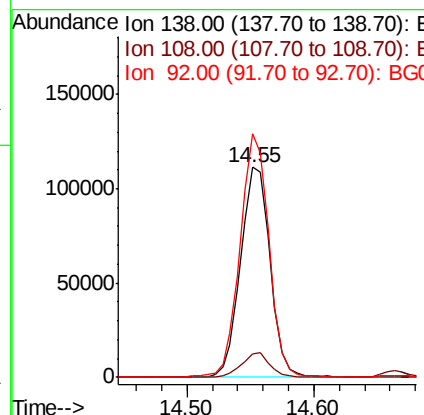
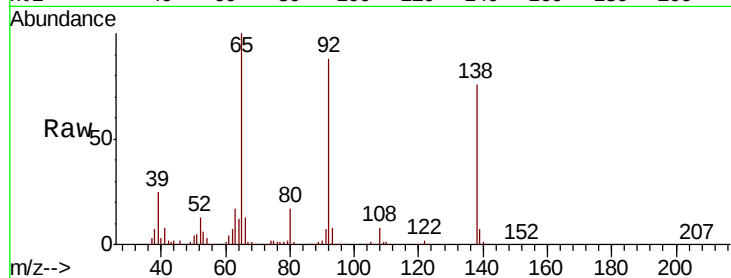
#53
3-Nitroaniline
Concen: 34.118 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	10.3	15.5
92	116.0	93.0	139.4

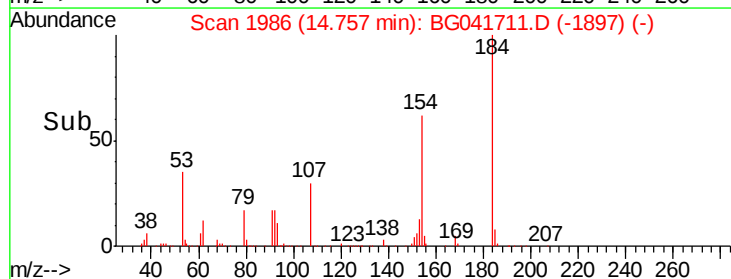
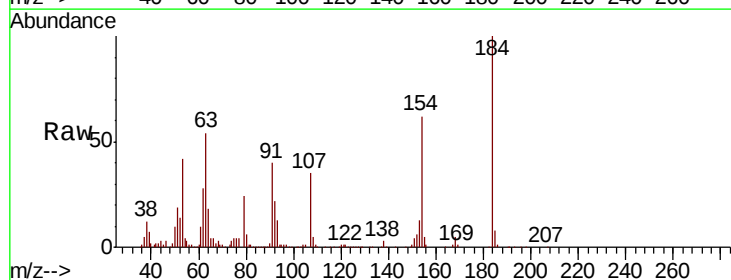
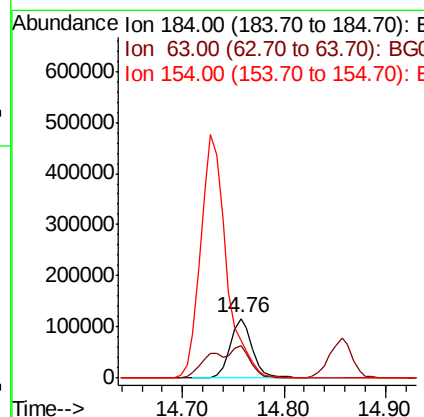
Manual Integrations
APPROVED

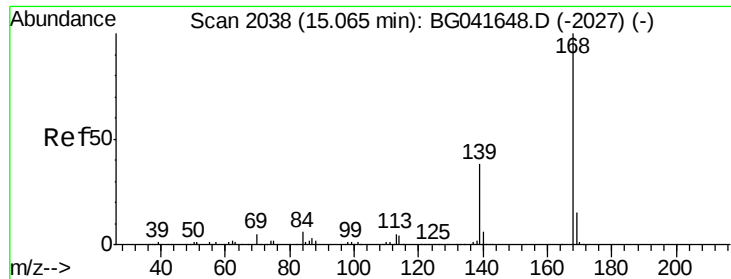
mohammad
7/19/2019 3:57:55 PM



#54
2,4-Dinitrophenol
Concen: 73.912 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	43.2	64.8
154	62.3	51.4	77.2





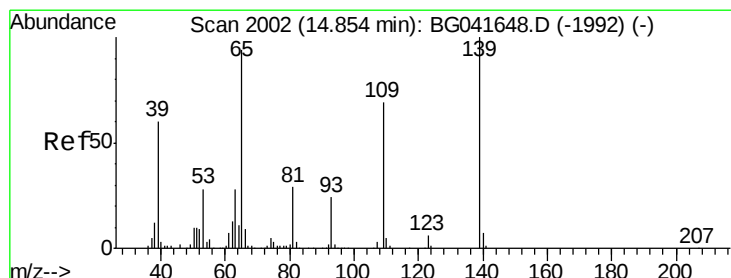
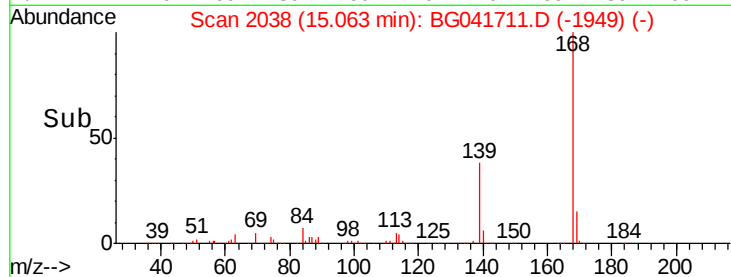
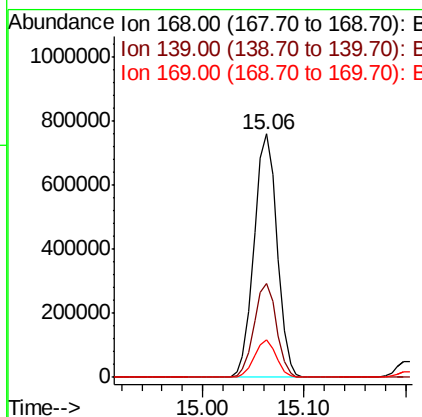
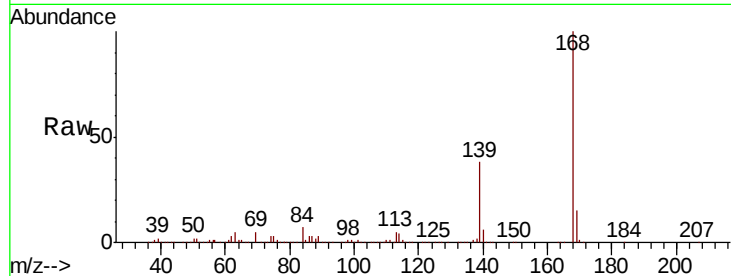
#55
Dibenzenofuran
Concen: 44.686 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion:	168	Resp:	1192890
Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.9	47.9
169	15.2	12.5	18.7

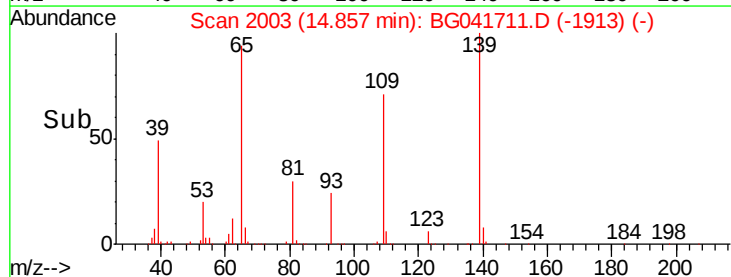
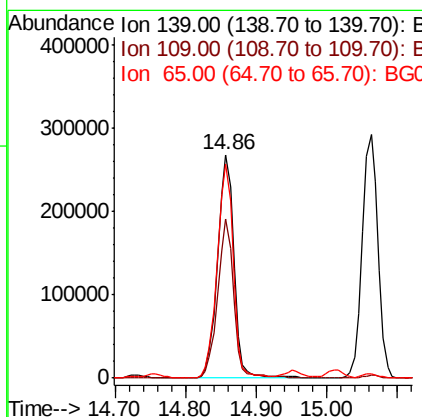
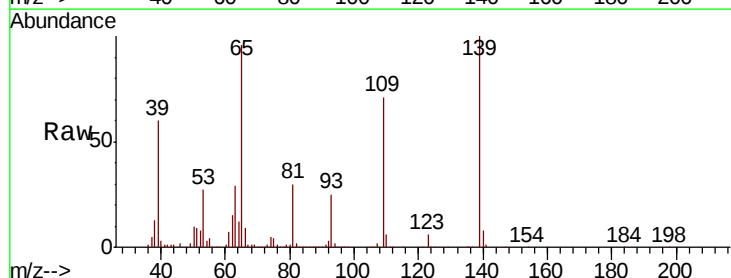
Manual Integrations
APPROVED

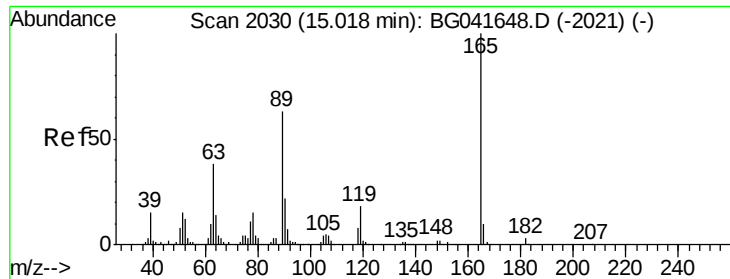
mohammad
7/19/2019 3:57:55 PM



#56
4-Nitrophenol
Concen: 101.948 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion:	139	Resp:	434709
Ion	Ratio	Lower	Upper
139	100		
109	71.2	51.3	91.3
65	95.8	77.6	117.6





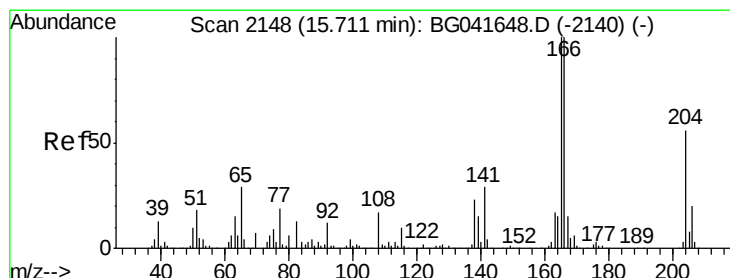
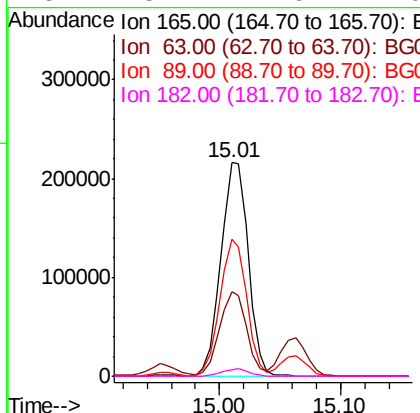
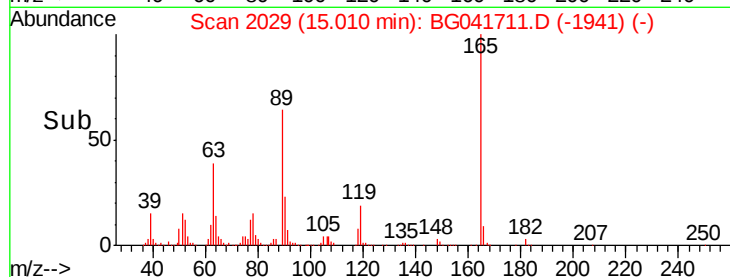
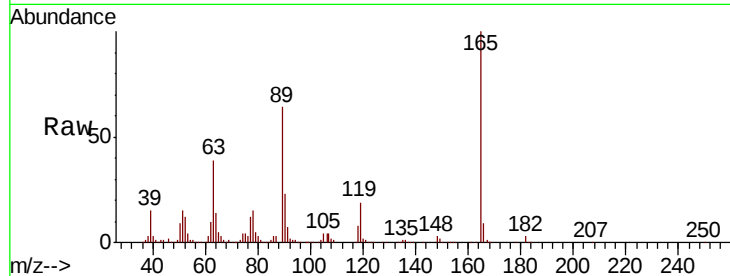
#57
2,4-Dinitrotoluene
Concen: 53.069 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	338454		
63	39.4		31.7	47.5
89	64.2		50.2	75.4
182	3.2		2.6	4.0

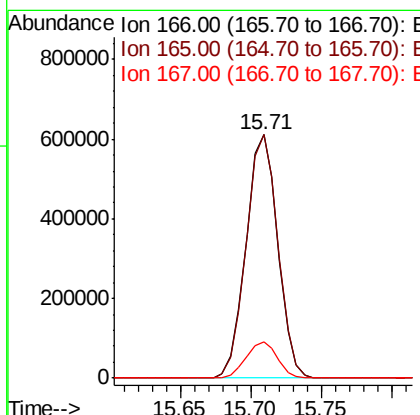
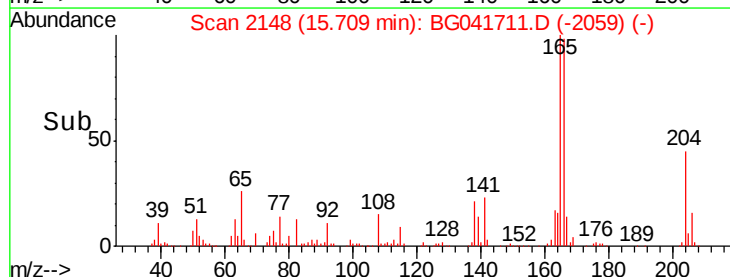
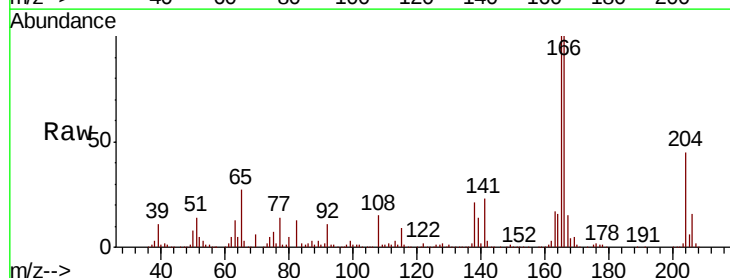
Manual Integrations
APPROVED

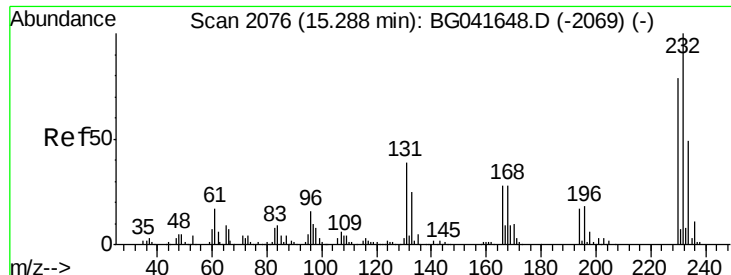
mohammad
7/19/2019 3:57:55 PM



#58
Fluorene
Concen: 44.360 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	963539		
165	100.1		80.5	120.7
167	15.1		12.4	18.6





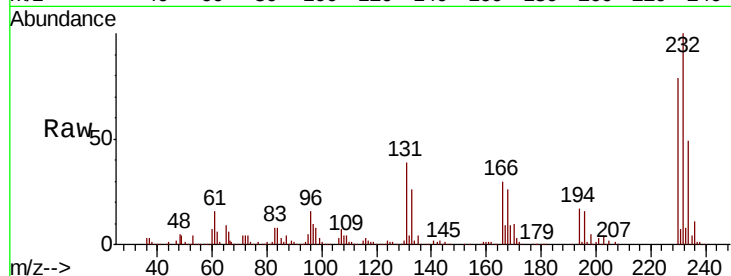
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.368 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	328332		
131	37.8		31.8	47.6
130	2.3		1.8	2.8
166	28.4		23.5	35.3

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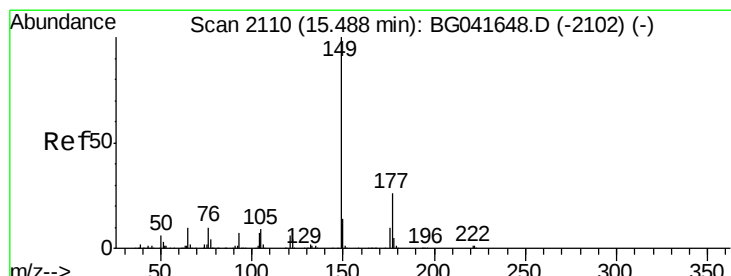
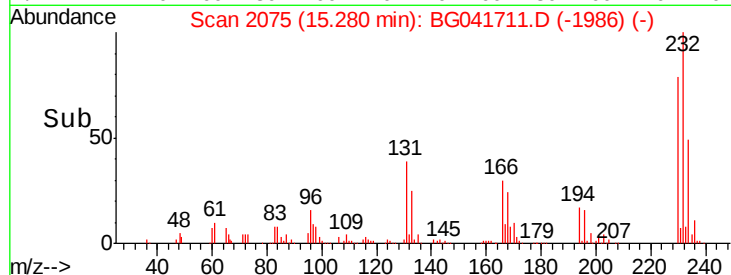
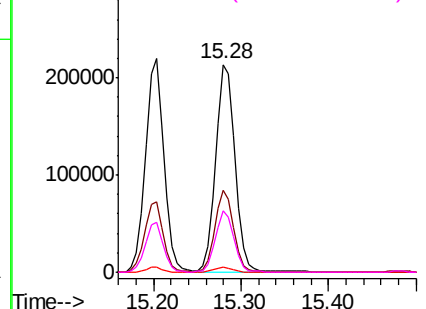
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

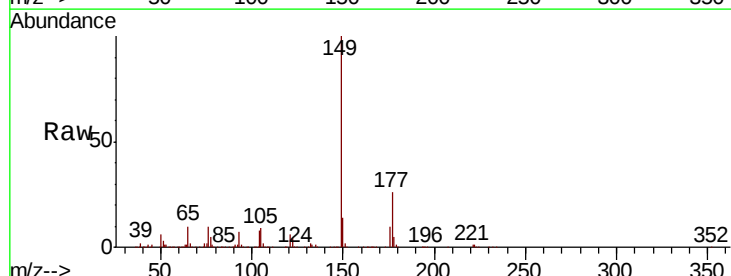
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.441 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1018353		
177	26.1		20.7	31.1
150	14.2		11.5	17.3

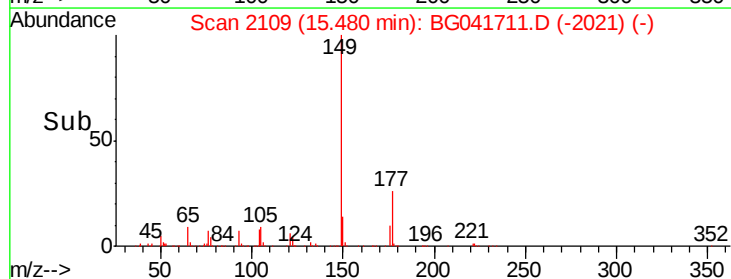
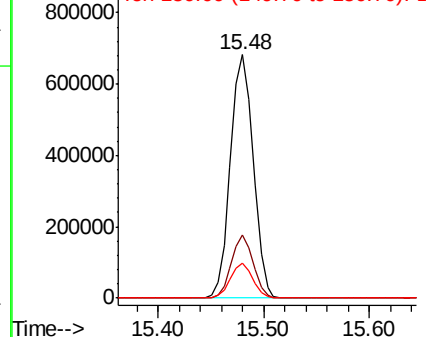


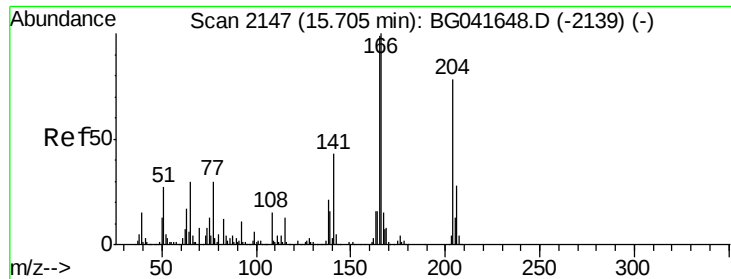
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





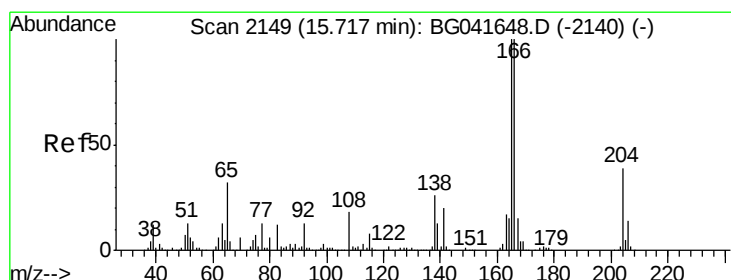
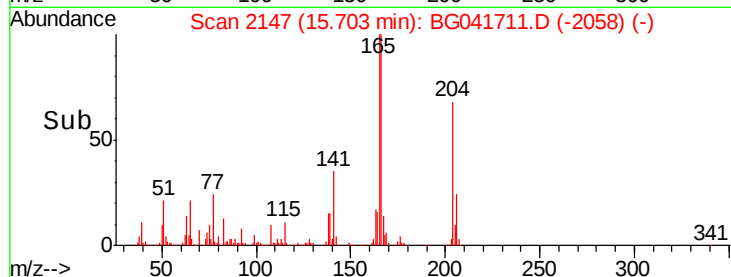
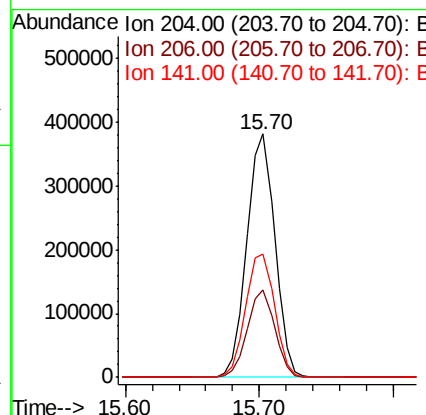
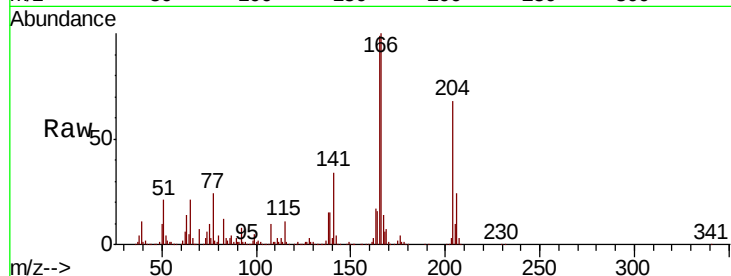
#61
4-Chlorophenyl-phenylether
Concen: 44.923 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	28.6	42.8
141	50.8	42.9	64.3

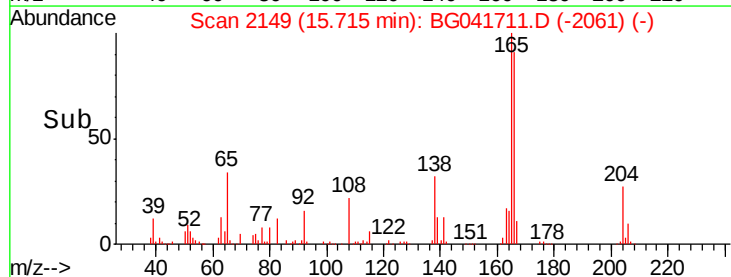
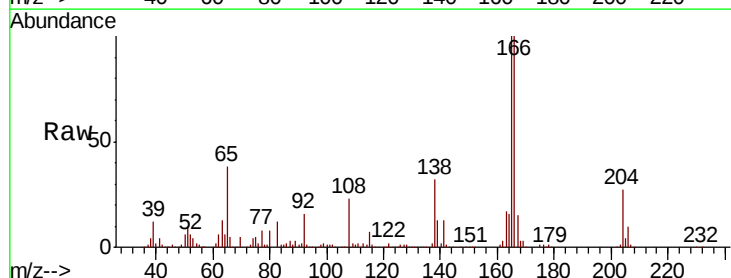
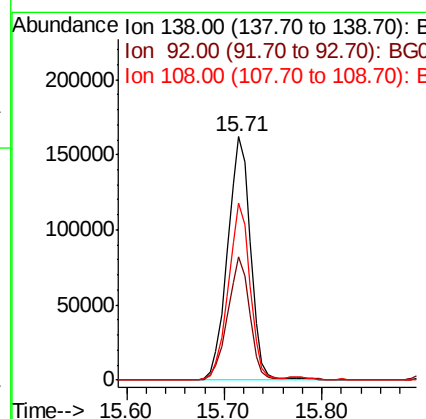
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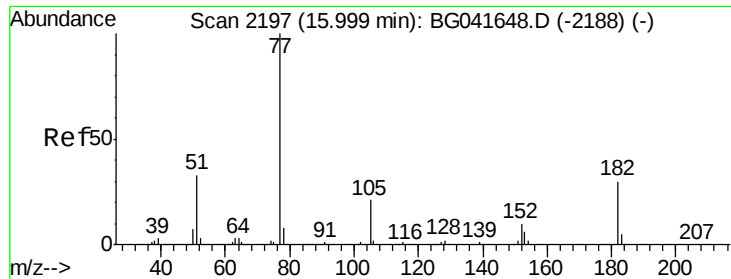
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#62
4-Nitroaniline
Concen: 47.310 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.8	69.8
108	72.6	52.2	92.2





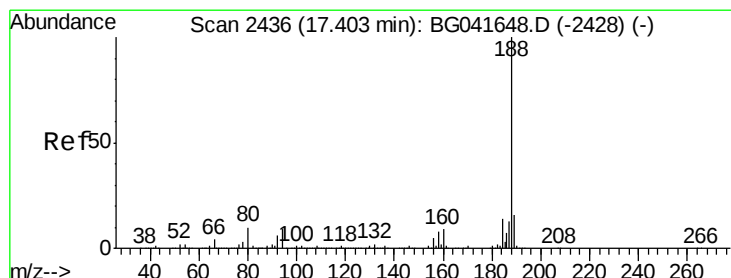
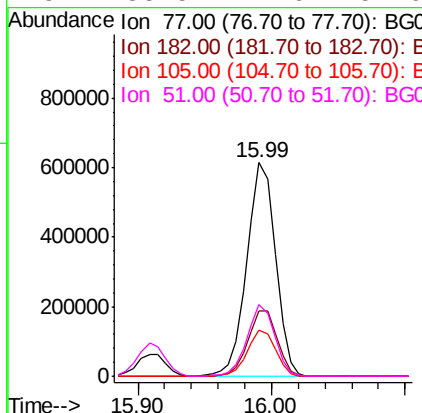
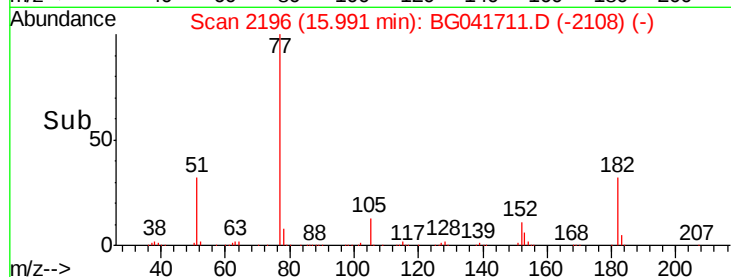
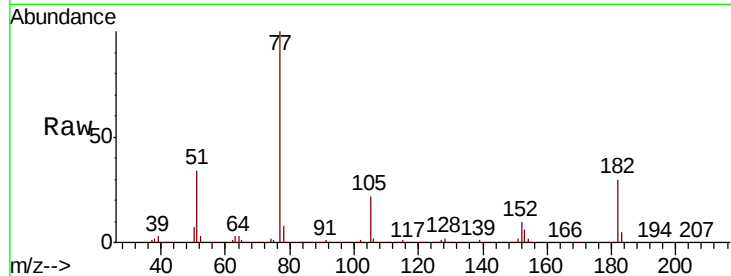
#63
Azobenzene
Concen: 43.831 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.4	13.2	53.2	
105	21.6	2.2	42.2	
51	33.5	14.6	54.6	

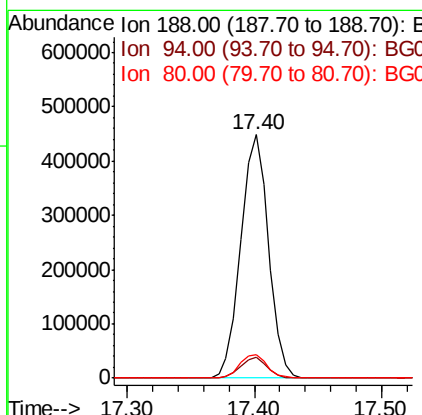
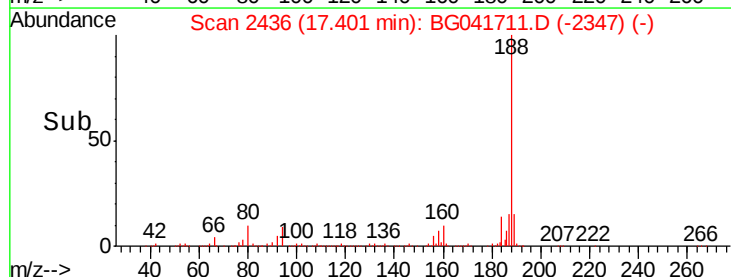
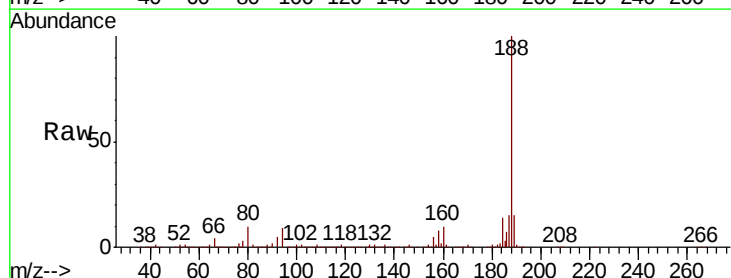
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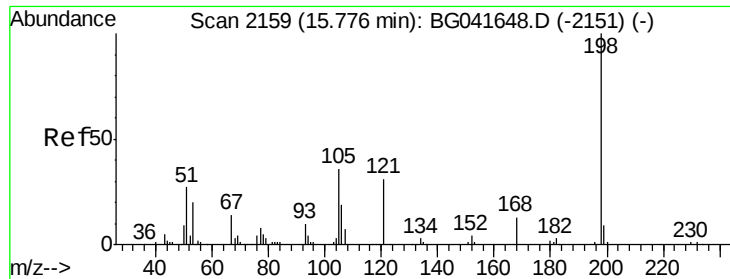
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	6.9	10.3	
80	9.5	8.0	12.0	





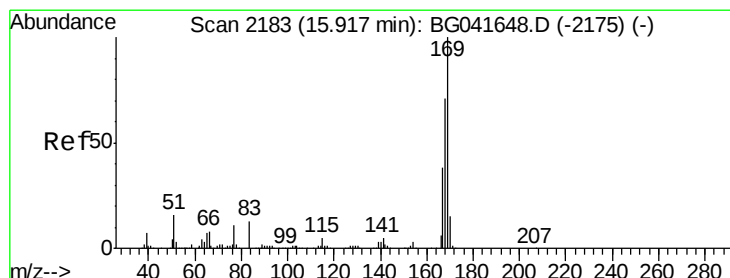
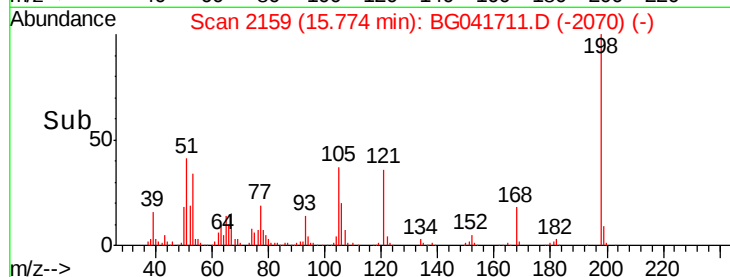
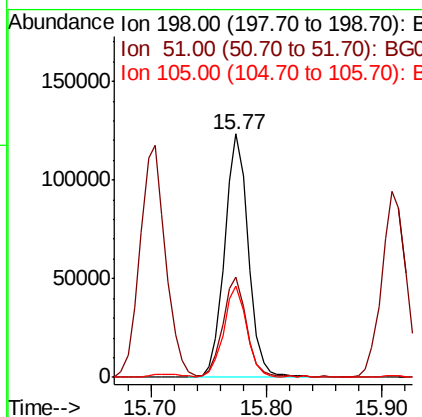
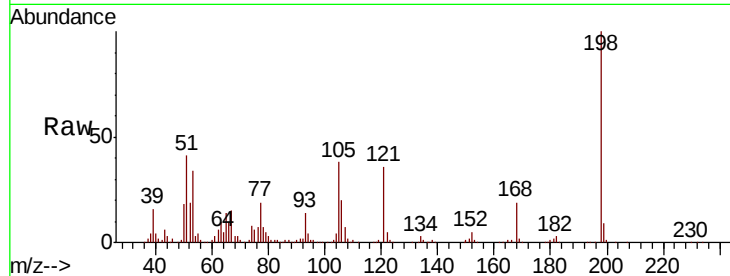
#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.465 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	175490		
51	41.2	22.3	62.3	
105	37.5	18.0	58.0	

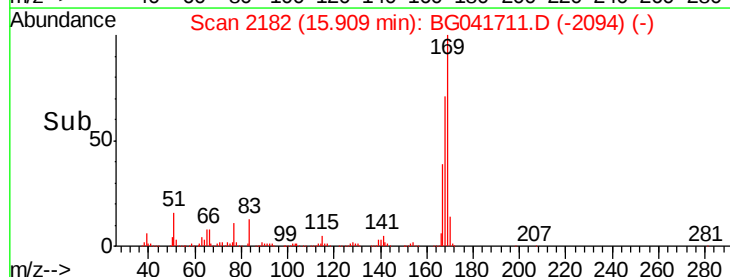
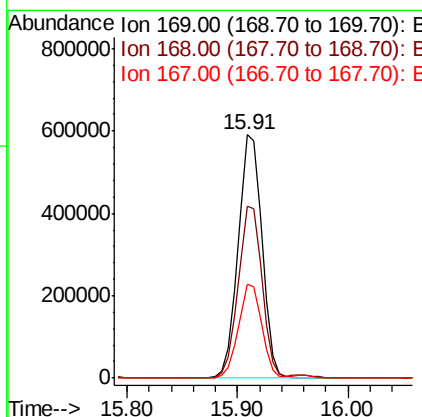
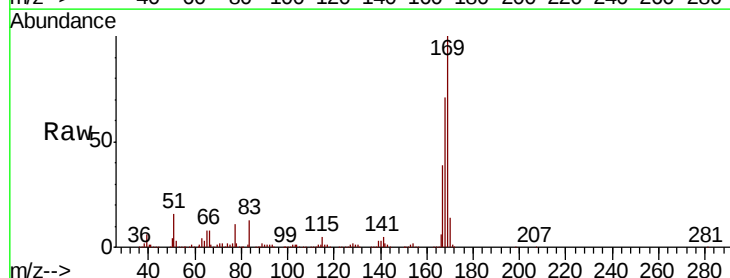
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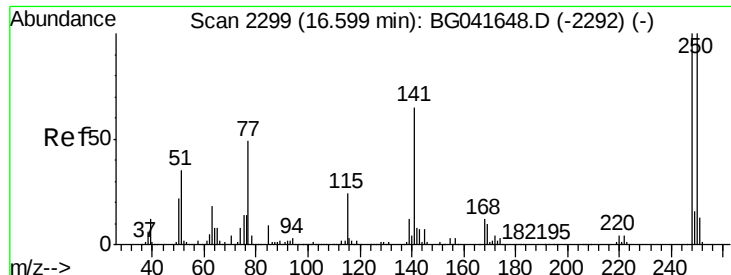
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#66
 n-Nitrosodiphenylamine
 Concen: 45.125 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	901371		
168	70.6	56.9	85.3	
167	38.7	31.5	47.3	





#67

4-Bromophenyl-phenylether

Concen: 45.333 ng

RT: 16.59 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

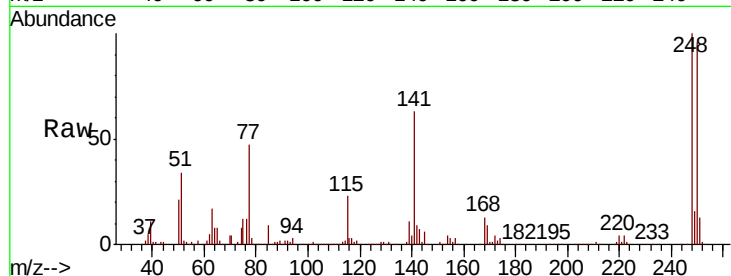
ClientSampleId :

SB-6(8-10)MSD

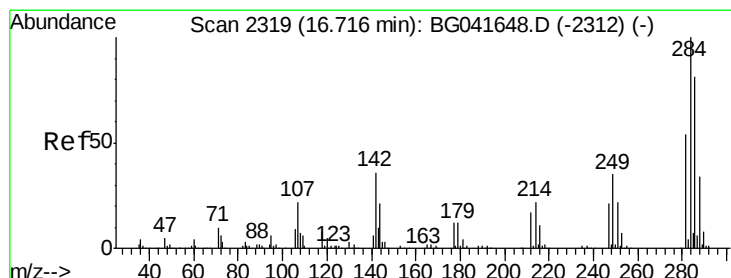
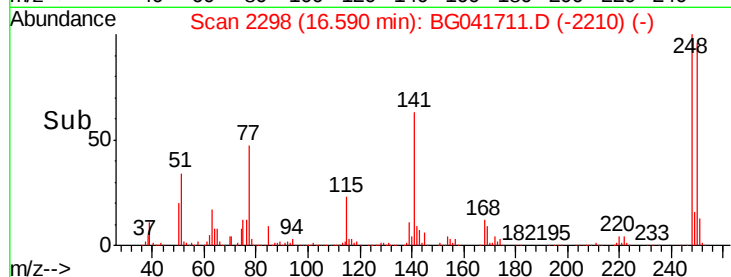
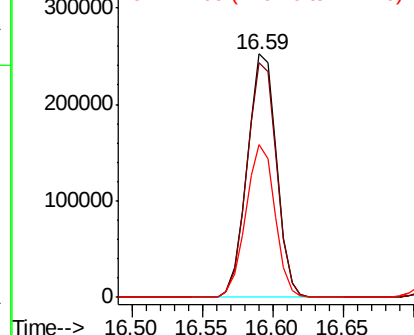
Tot Ion:	248	Resp:	366904
Ion Ratio	Lower	Upper	
248	100		
250	96.3	78.1	117.1
141	62.9	49.6	74.4

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



#68

Hexachlorobenzene

Concen: 44.623 ng

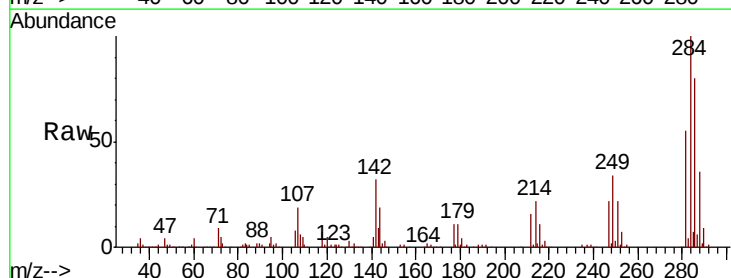
RT: 16.71 min Scan# 2319

Delta R.T. -0.01 min

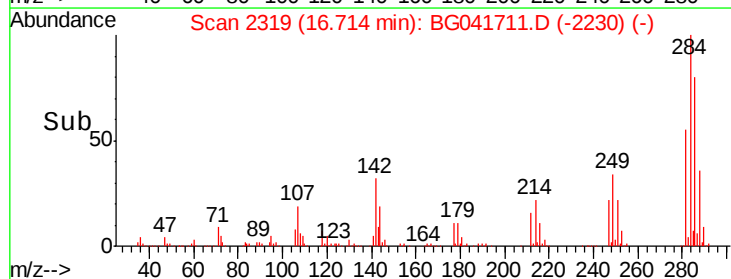
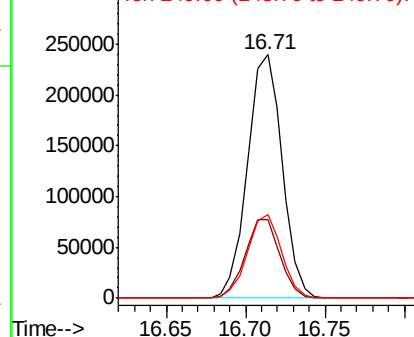
Lab File: BG041711.D

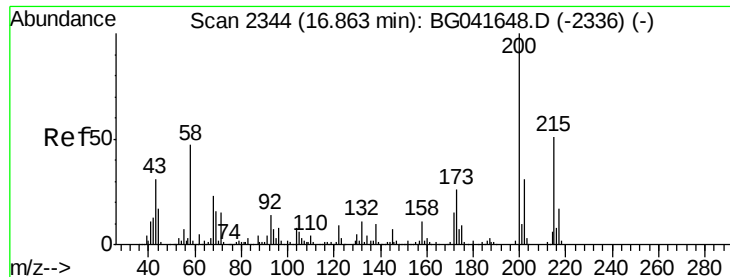
Acq: 18 Jul 2019 15:52

Tgt Ion:	284	Resp:	363676
Ion Ratio	Lower	Upper	
284	100		
142	32.0	27.0	40.6
249	34.3	28.4	42.6



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





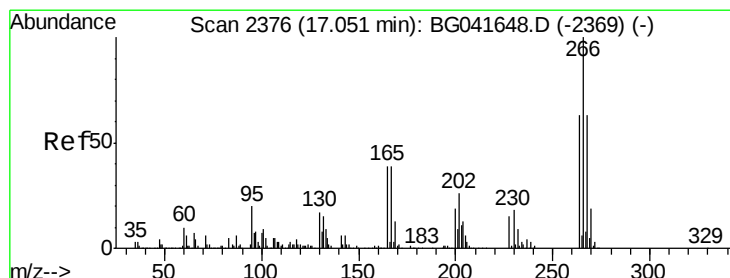
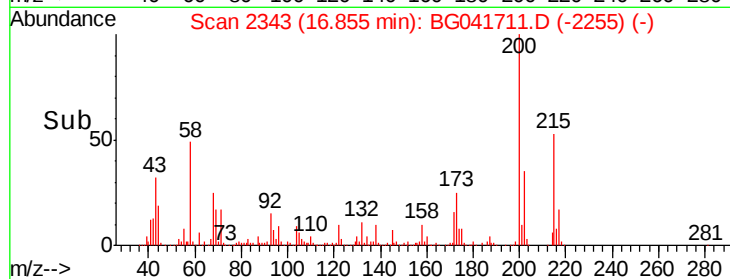
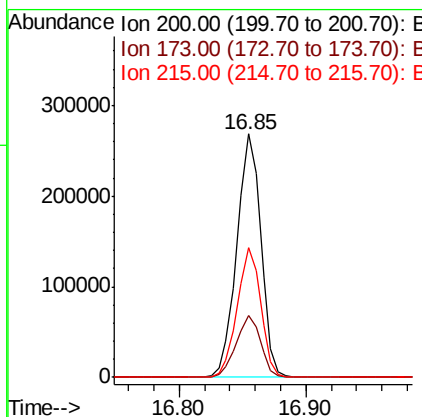
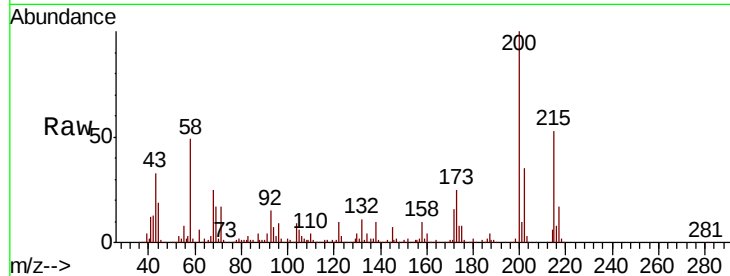
#69
 Atrazine
 Concen: 48.515 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)MSD

Tot Ion:	200	Resp:	351676
Ion Ratio	Lower	Upper	
200	100		
173	25.2	5.3	45.3
215	53.4	31.8	71.8

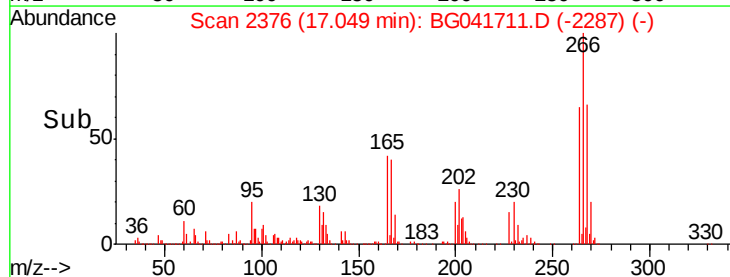
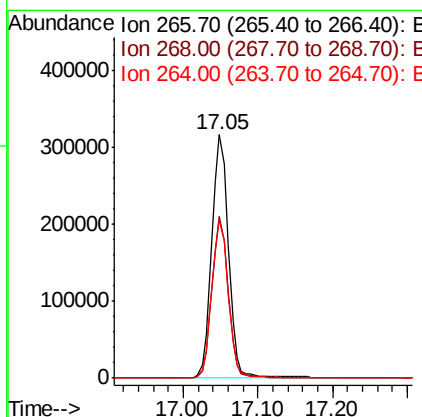
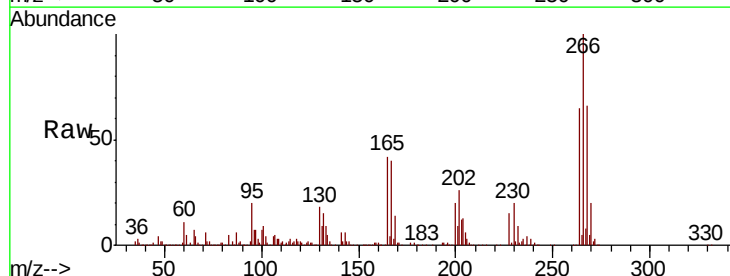
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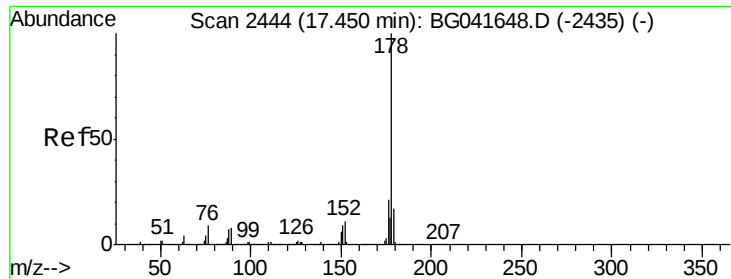
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#70
 Pentachlorophenol
 Concen: 96.714 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Tgt Ion:	266	Resp:	492848
Ion Ratio	Lower	Upper	
266	100		
268	66.3	52.9	79.3
264	64.8	51.4	77.2





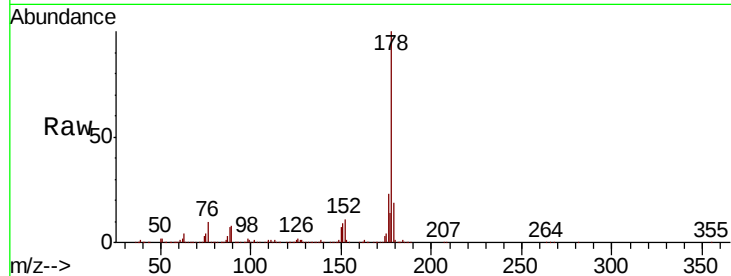
#71
Phenanthrene
Concen: 44.564 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.7	18.6	28.0
179	18.5	15.4	23.0

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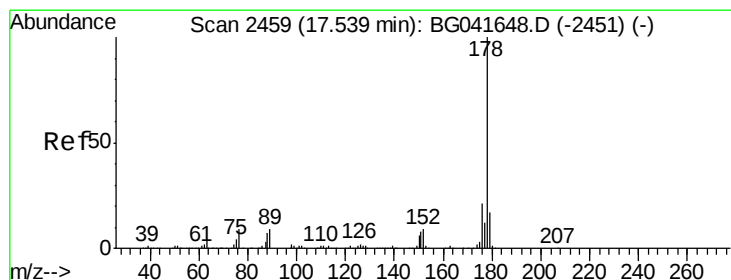
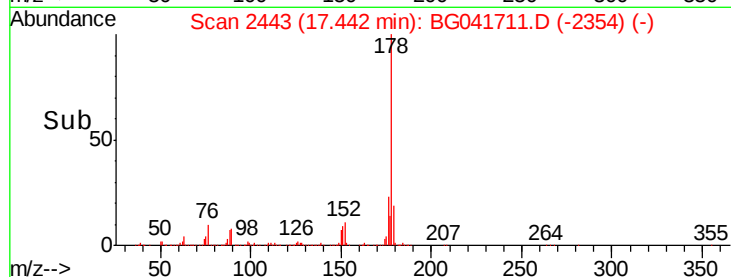
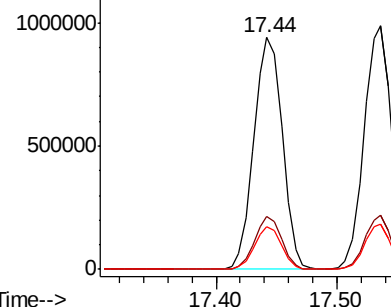


Abundance

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



#72
Anthracene
Concen: 45.722 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

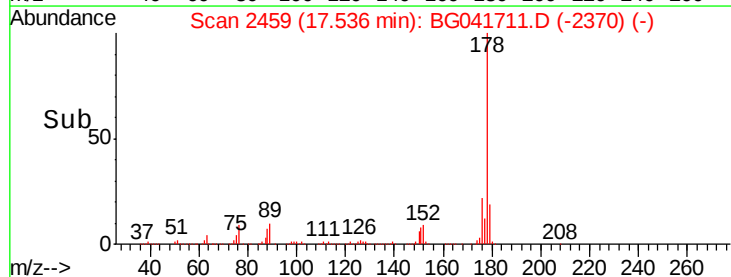
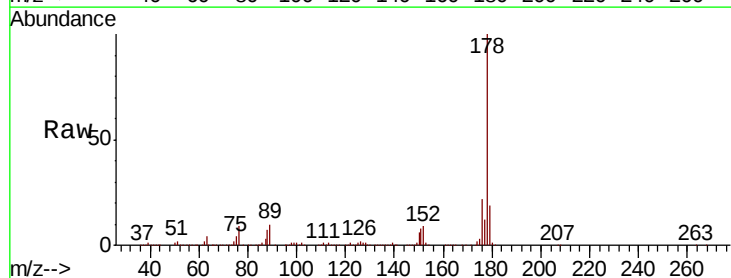
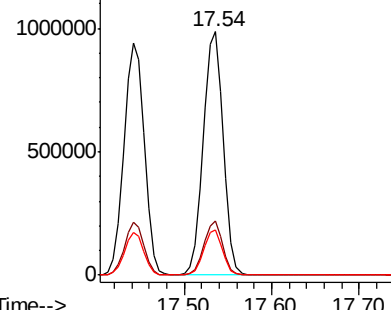
Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.3	18.6	28.0
179	18.7	15.1	22.7

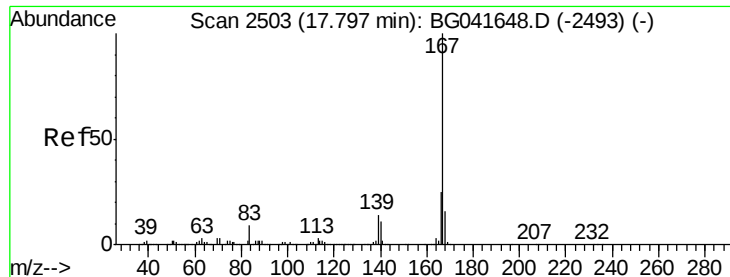
Abundance

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





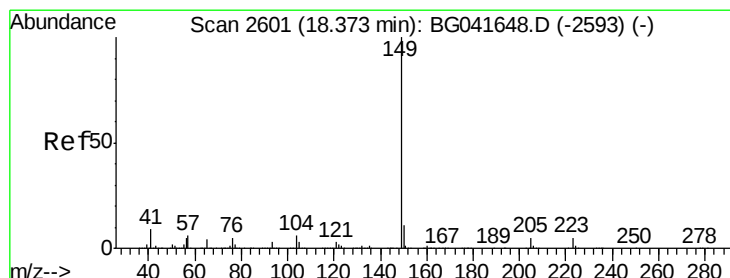
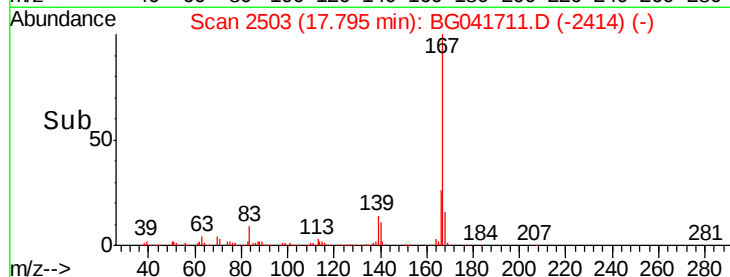
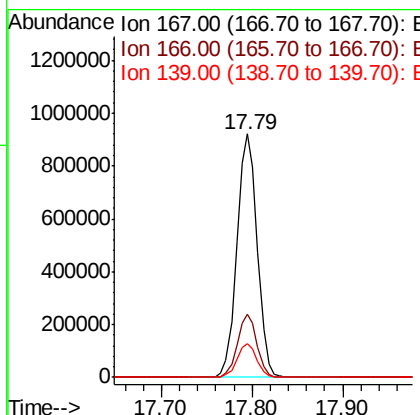
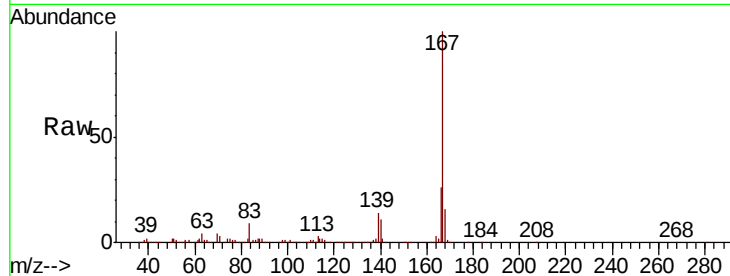
#73
 Carbazole
 Concen: 45.376 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.7	21.4	32.2
139	14.0	12.1	18.1

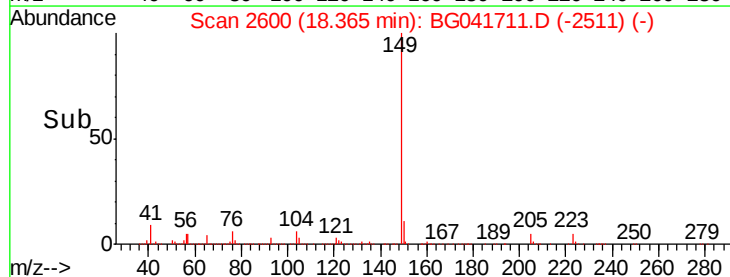
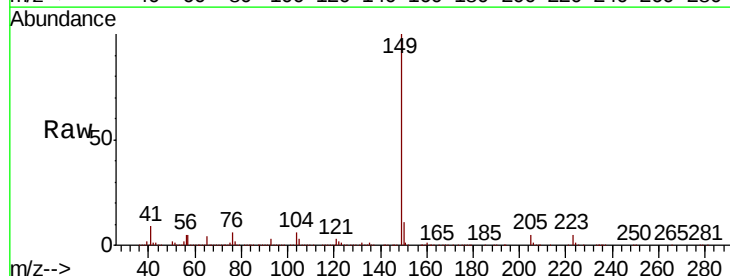
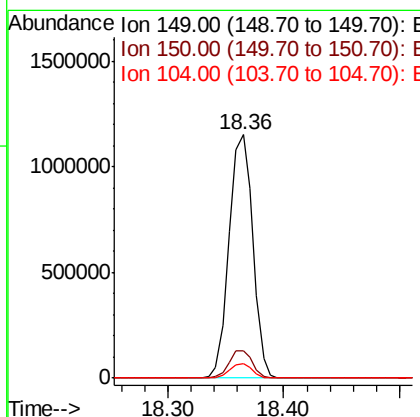
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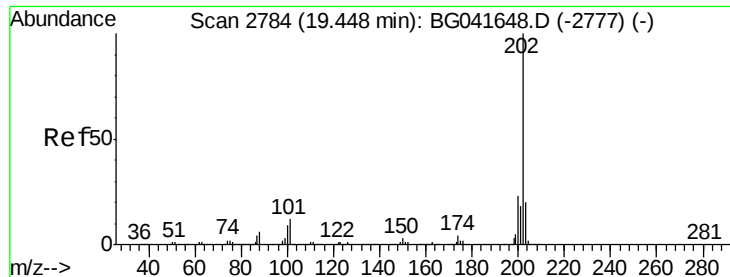
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#74
 Di-n-butylphthalate
 Concen: 42.383 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.01 min
 Lab File: BG041711.D
 Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.4	10.2	15.2
104	6.0	5.3	7.9





#75

Fluoranthene

Concen: 42.420 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

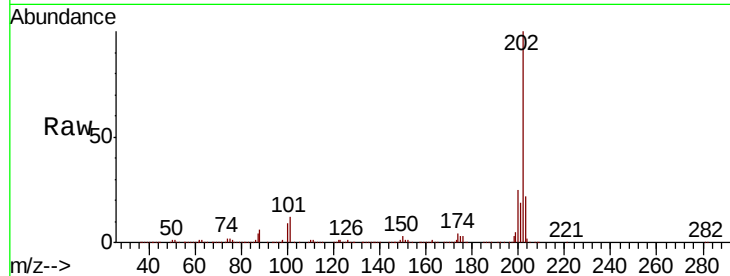
ClientSampleId :

SB-6(8-10)MSD

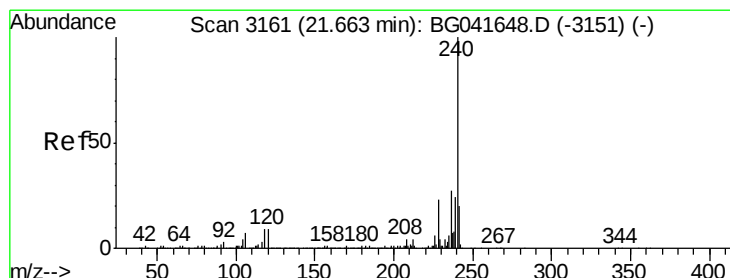
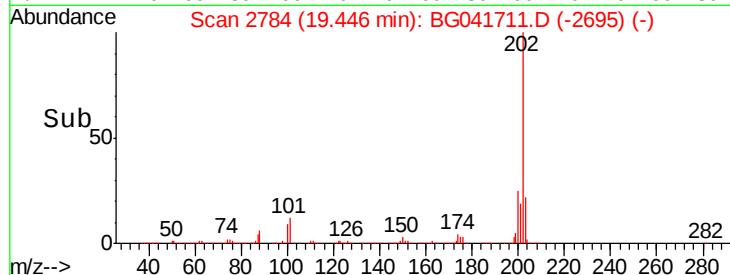
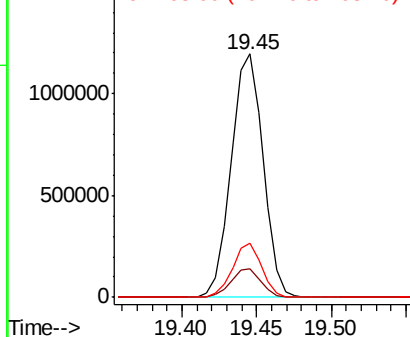
Tot Ion:	202	Resp:	1784278
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.8
203	22.1	3.7	43.7

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



#76

Chrysene-d12

Concen: 20.000 ng

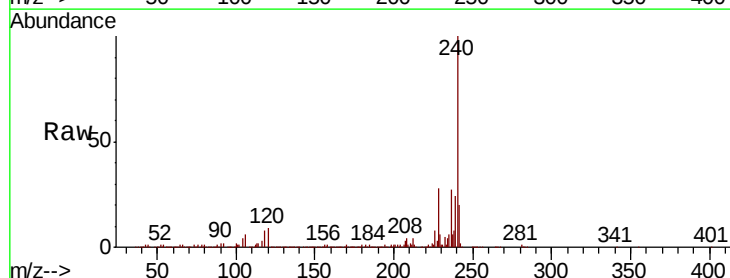
RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

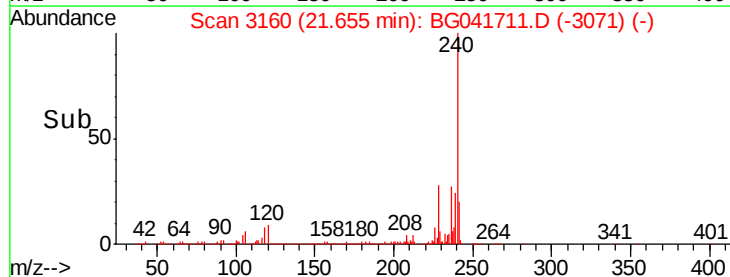
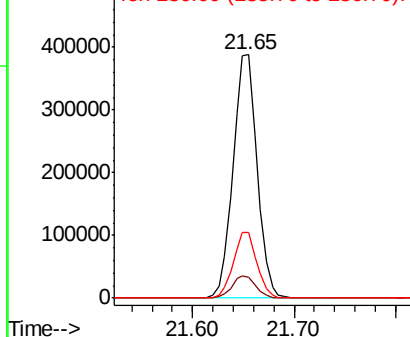
Lab File: BG041711.D

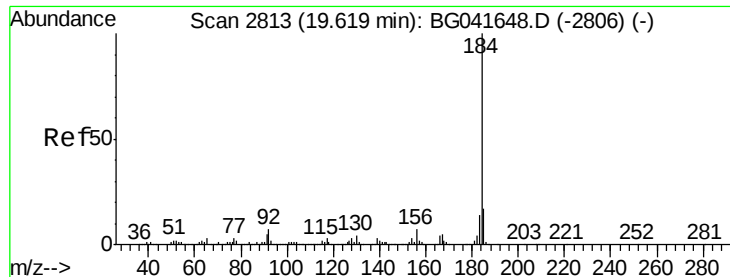
Acq: 18 Jul 2019 15:52

Tgt Ion:	240	Resp:	636883
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.0	12.0
236	27.1	22.6	33.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.892 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

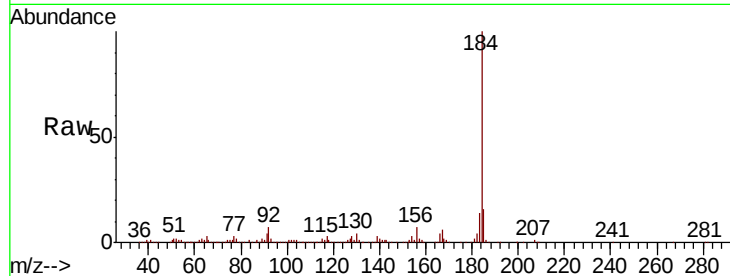
ClientSampleId :

SB-6(8-10)MSD

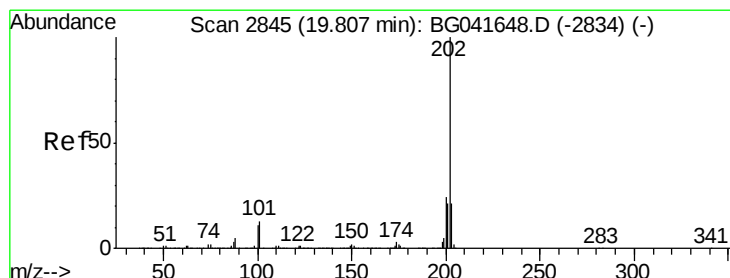
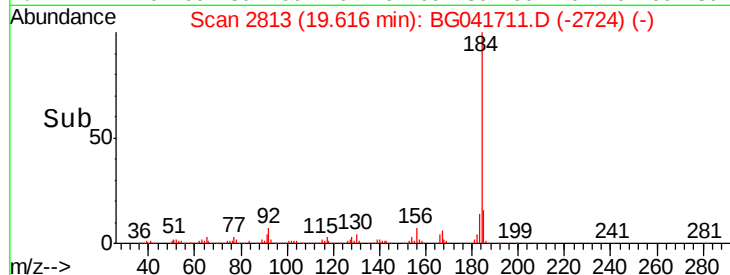
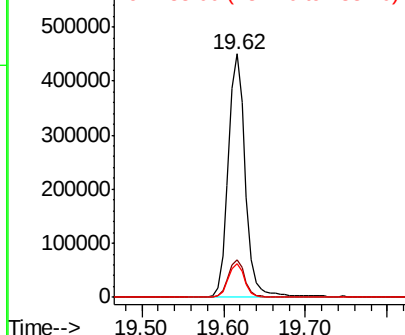
Tot Ion:	184	Resp:	657595
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.0	19.4
183	13.9	11.8	17.6

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



#78

Pyrene

Concen: 41.543 ng

RT: 19.80 min Scan# 2845

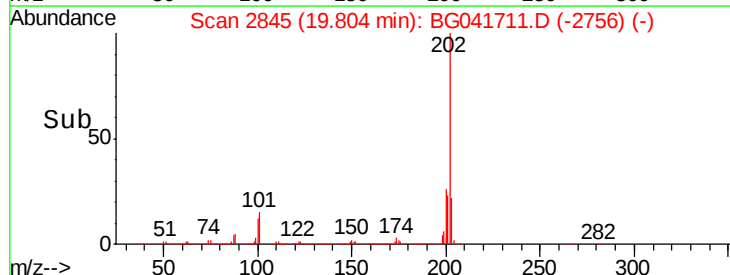
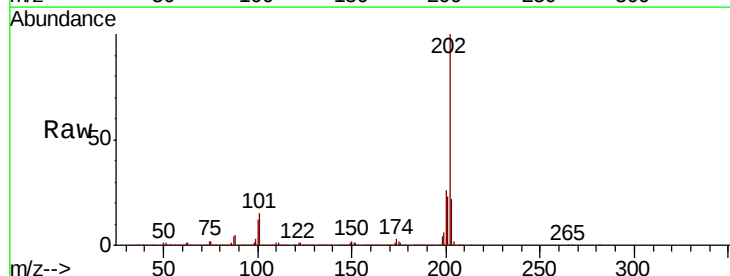
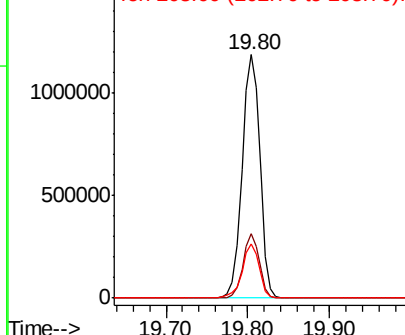
Delta R.T. -0.01 min

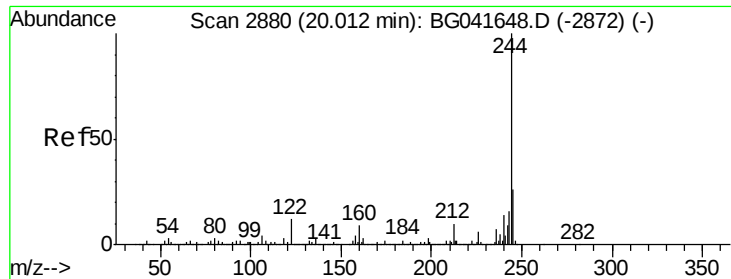
Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Tgt Ion:	202	Resp:	1789425
Ion Ratio	Lower	Upper	
202	100		
200	26.2	22.2	33.2
203	22.2	18.9	28.3

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





#79

Terphenyl-d14

Concen: 87.925 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

Instrument :

BNA_G

ClientSampleId :

SB-6(8-10)MSD

Tot Ion:244 Resp: 2396275

Ion Ratio Lower Upper

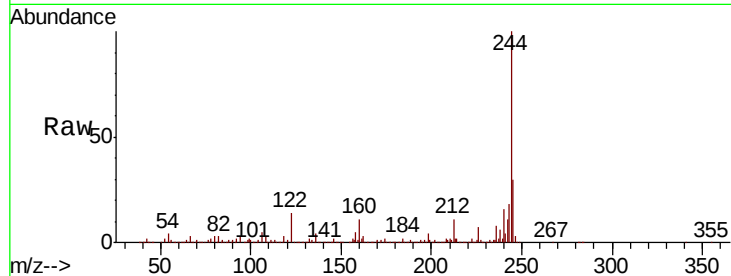
244 100

212 11.2 9.7 14.5

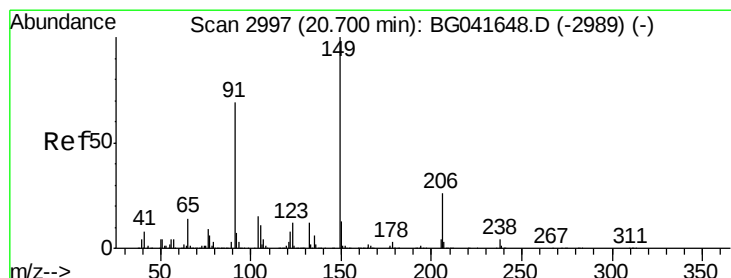
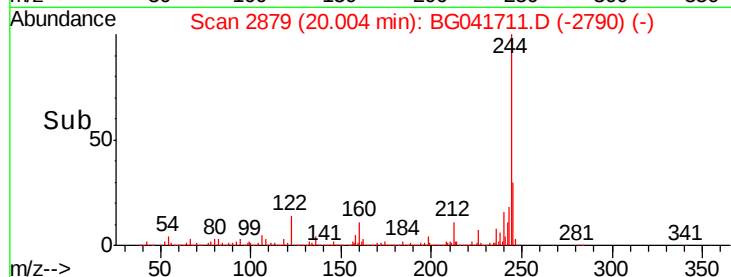
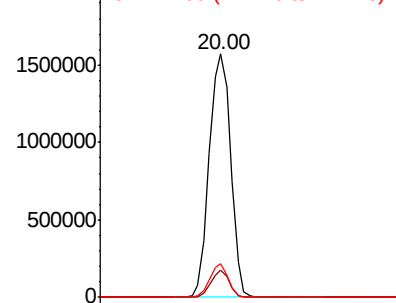
122 14.0 12.5 18.7

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



#80

Butylbenzylphthalate

Concen: 43.741 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG041711.D

Acq: 18 Jul 2019 15:52

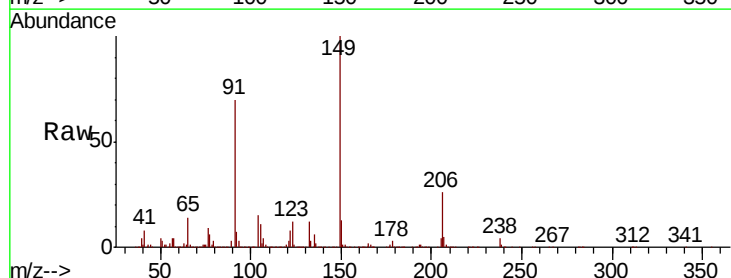
Tgt Ion:149 Resp: 782940

Ion Ratio Lower Upper

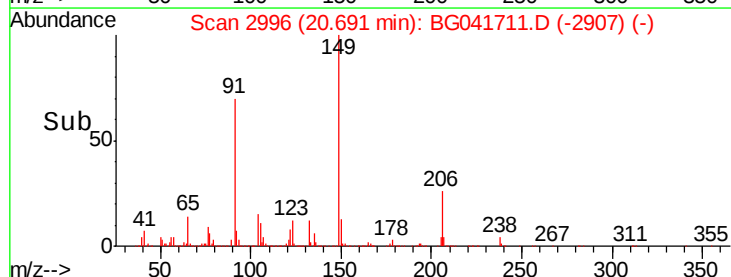
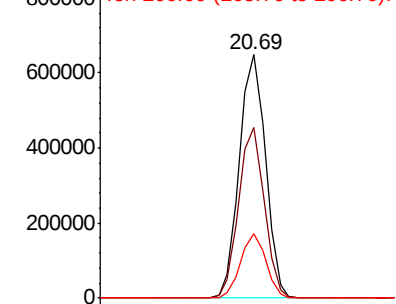
149 100

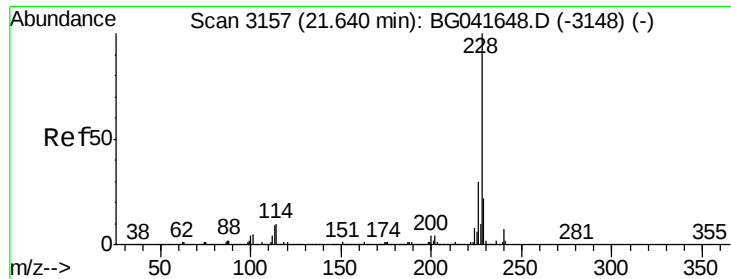
91 70.0 58.9 88.3

206 26.4 20.8 31.2



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





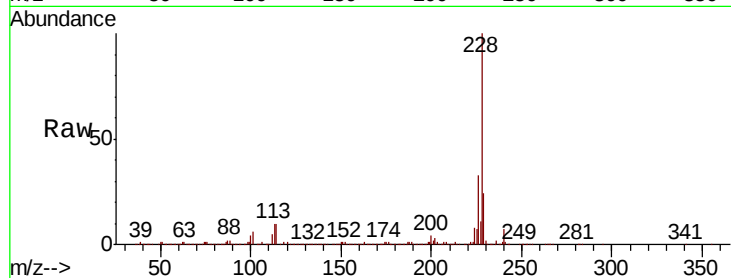
#81
Benzo(a)anthracene
Concen: 42.438 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampled :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	27.3	40.9
229	24.0	19.7	29.5

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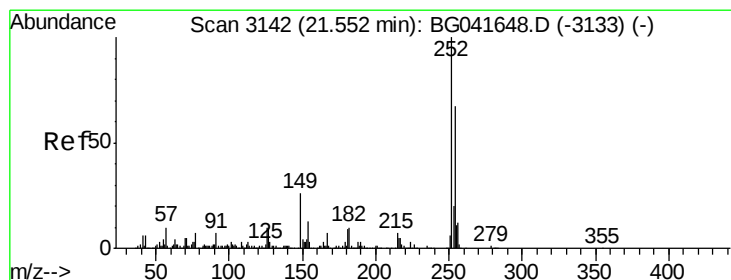
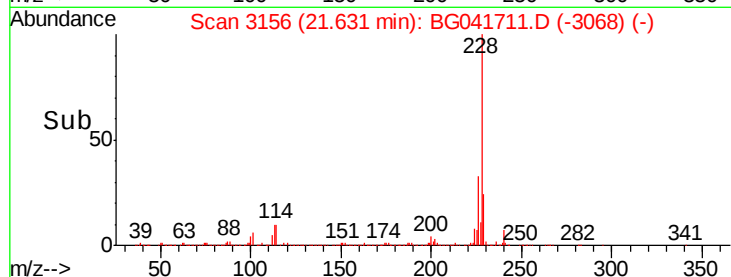
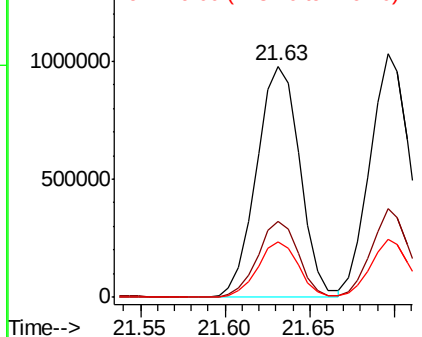


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 33.234 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

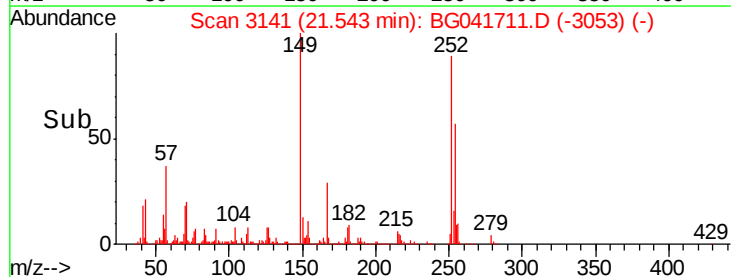
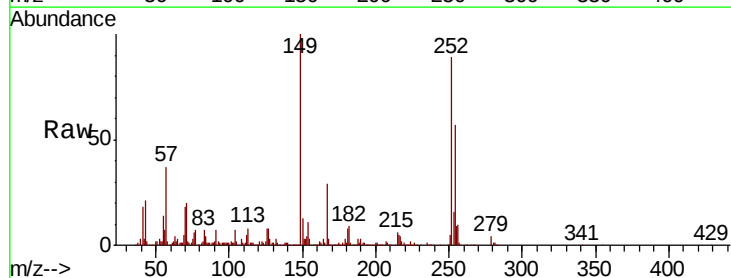
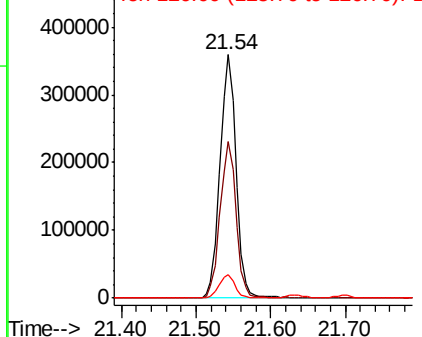
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	53.8	80.6
126	9.5	7.8	11.8

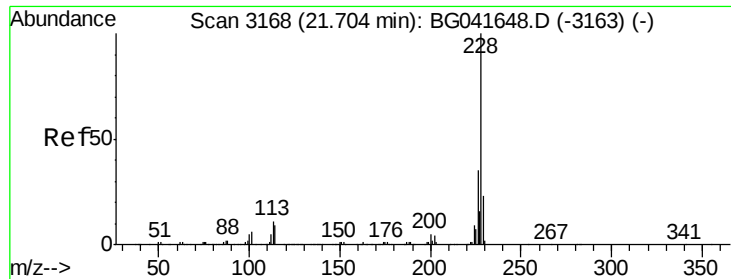
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





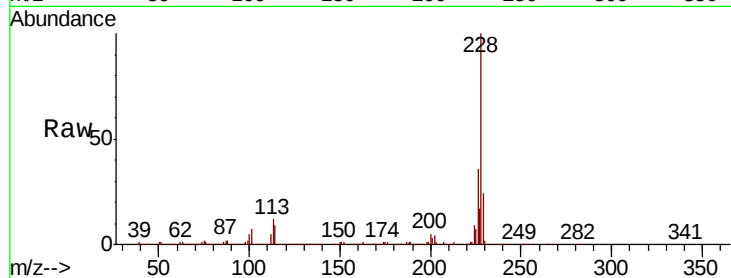
#83
Chrysene
Concen: 42.896 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampled :
SB-6(8-10)MSD

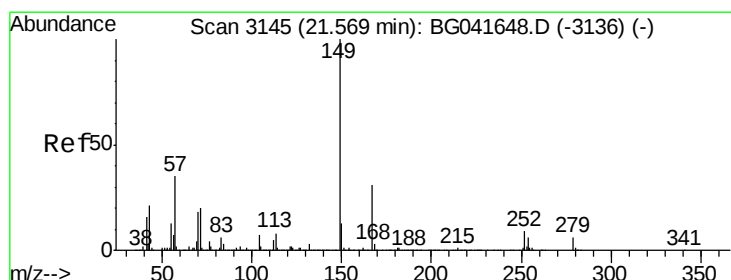
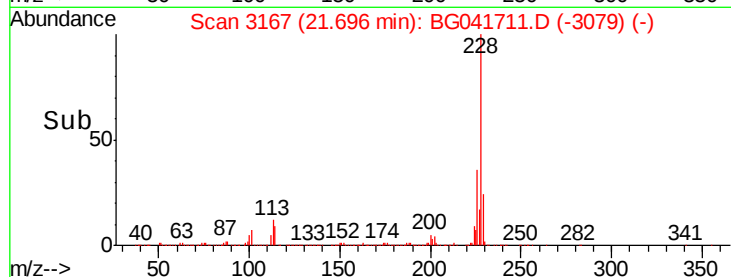
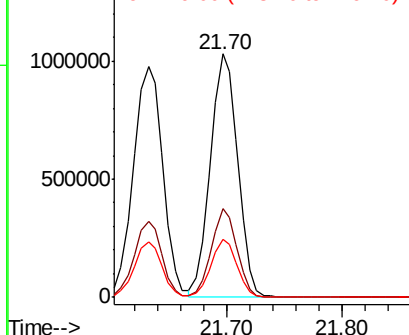
Tot Ion:228 Resp: 1686672
Ion Ratio Lower Upper
228 100
226 36.4 30.1 45.1
229 24.0 19.8 29.6

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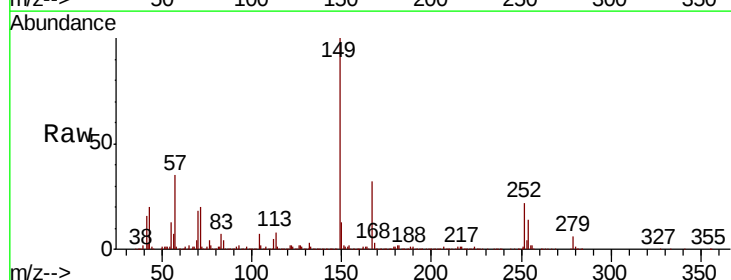


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

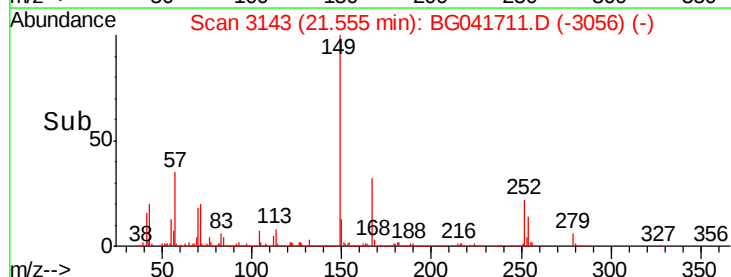
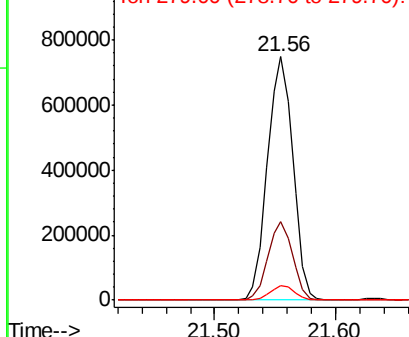


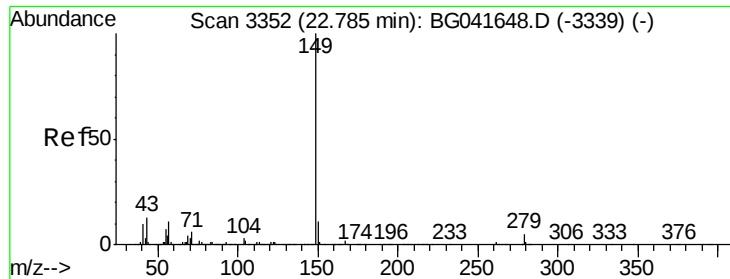
#84
Bis(2-ethylhexyl)phthalate
Concen: 43.011 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion:149 Resp: 1087000
Ion Ratio Lower Upper
149 100
167 32.4 27.0 40.4
279 5.9 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





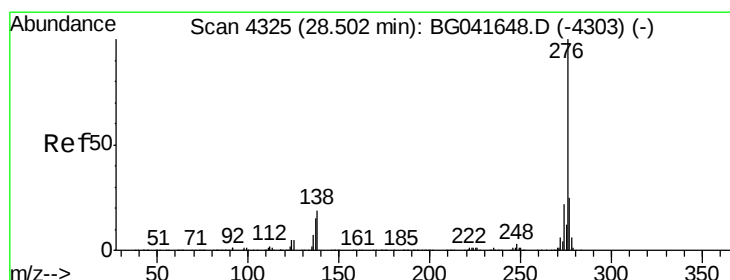
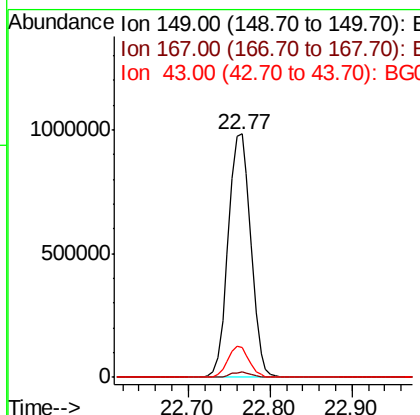
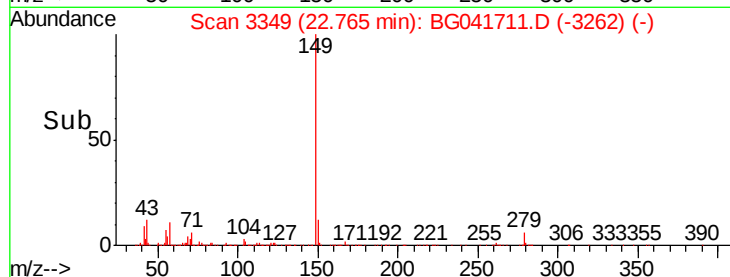
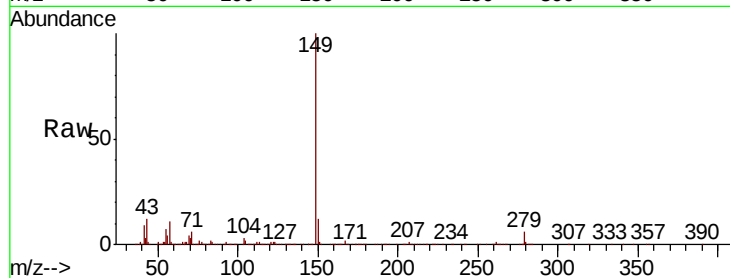
#85
Di-n-octyl phthalate
Concen: 43.913 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.02 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampled :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	11.7	10.6	16.0

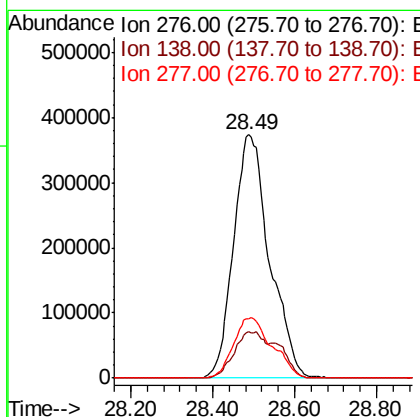
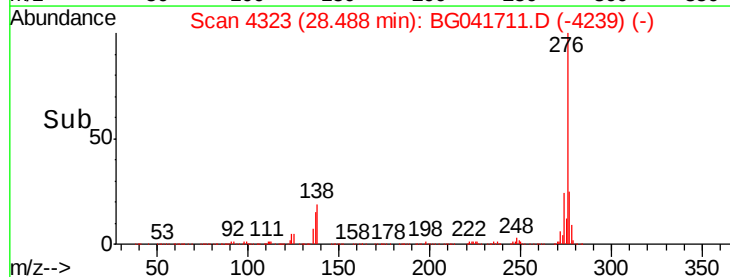
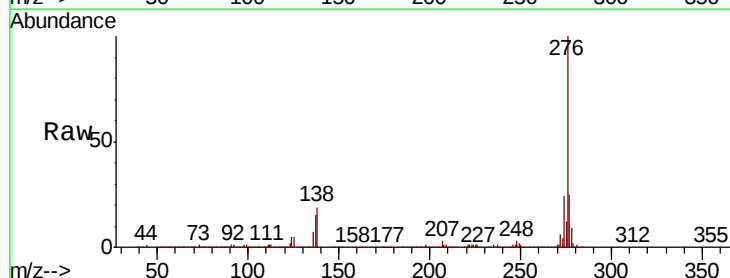
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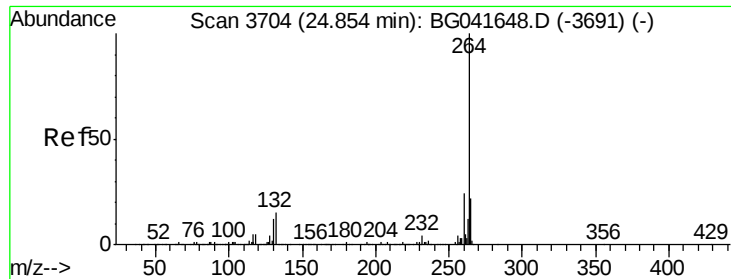
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.934 ng
RT: 28.49 min Scan# 4323
Delta R.T. -0.04 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	19.4	29.0#
277	26.6	21.2	31.8





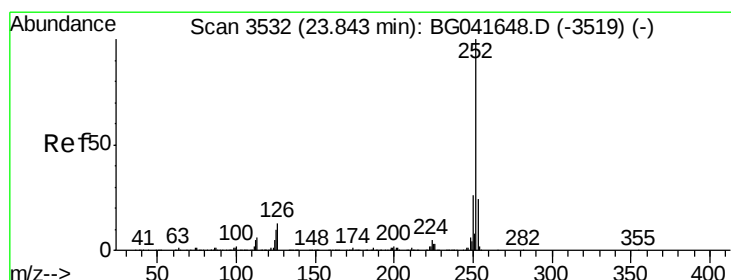
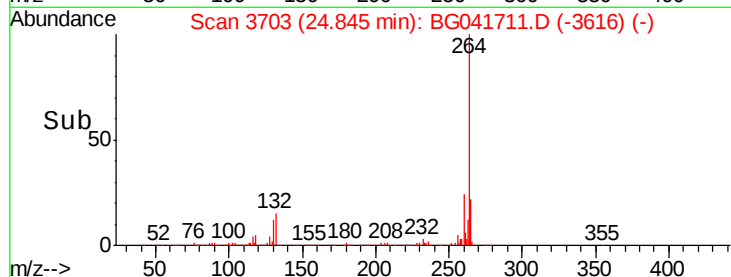
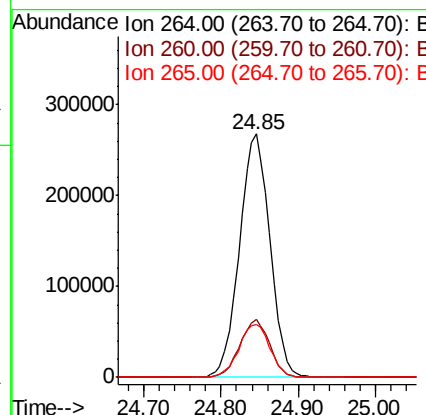
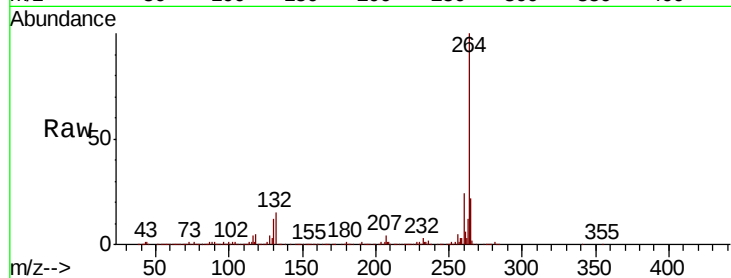
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	18.0	27.0

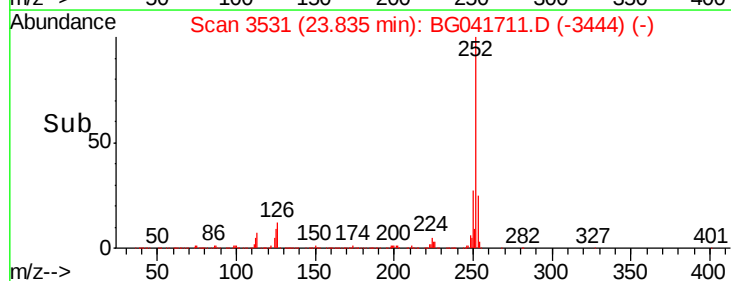
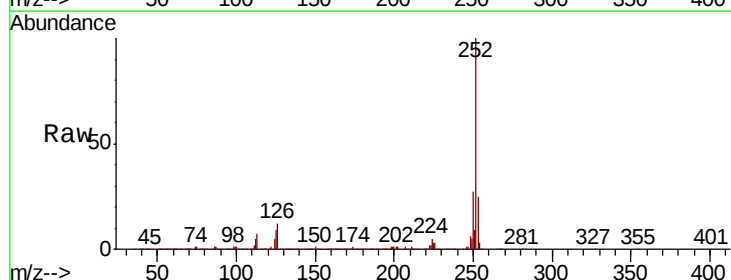
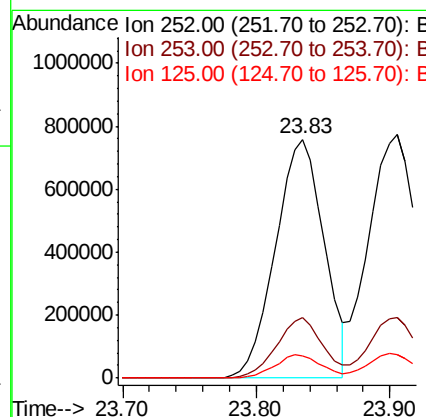
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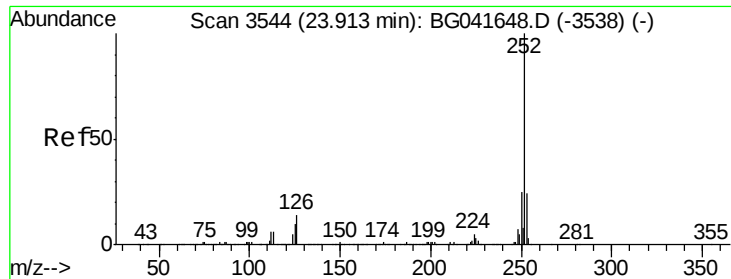
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#88
Benzo(b)fluoranthene
Concen: 42.533 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.02 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	30.8
125	9.4	8.0	12.0





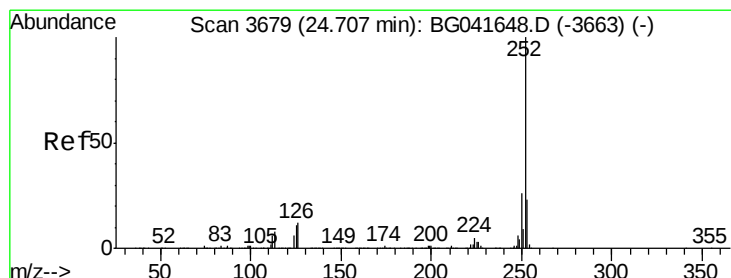
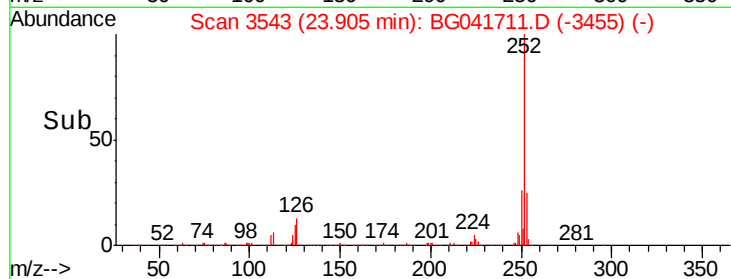
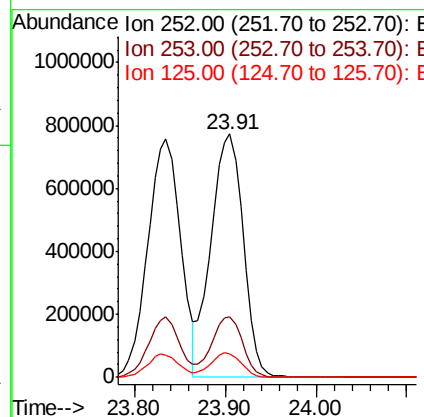
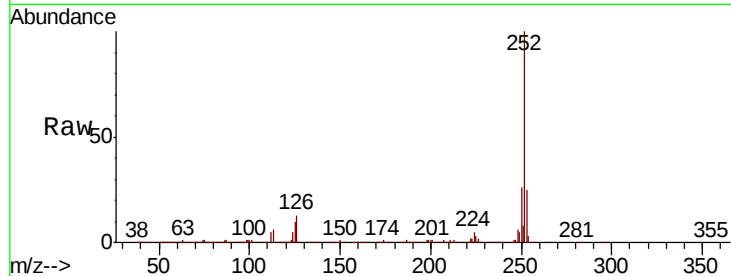
#89
Benzo(k)fluoranthene
Concen: 45.994 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.5	30.7
125	9.7	8.4	12.6

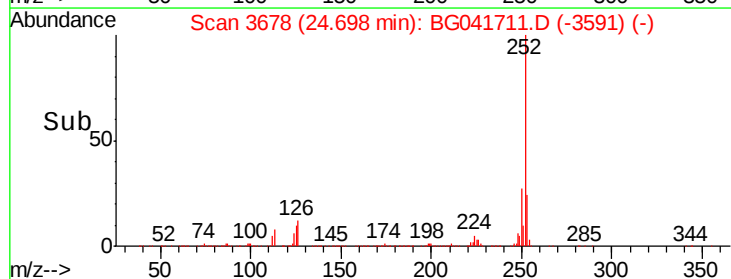
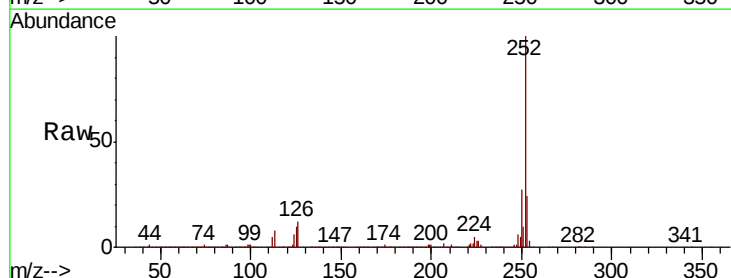
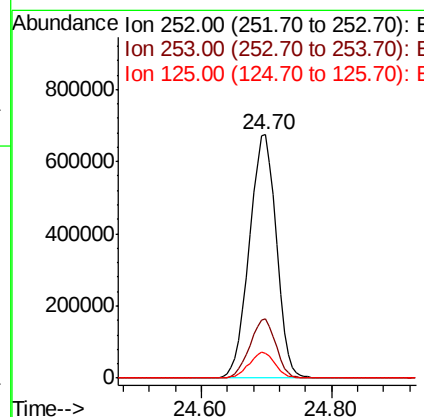
Manual Integrations
APPROVED

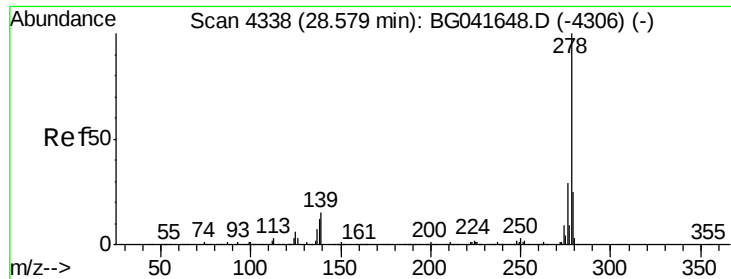
mohammad
7/19/2019 3:57:55 PM



#90
Benzo(a)pyrene
Concen: 45.648 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.02 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.8	29.8
125	10.3	8.8	13.2





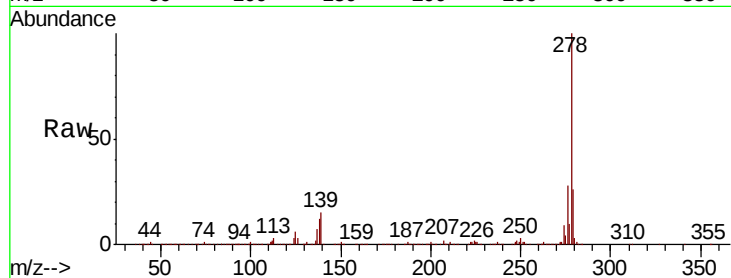
#91
Dibenzo(a,h)anthracene
Concen: 45.458 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.03 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Instrument :
BNA_G
ClientSampleId :
SB-6(8-10)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.6	19.0
279	25.6	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/19/2019 3:57:55 PM

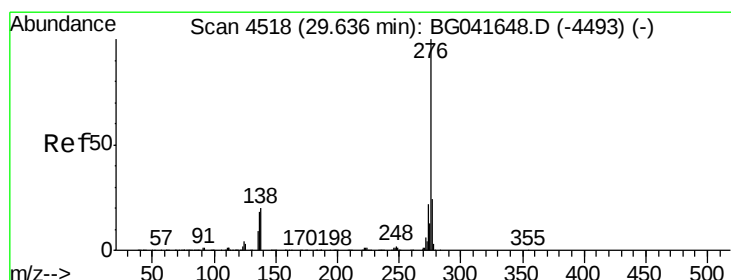
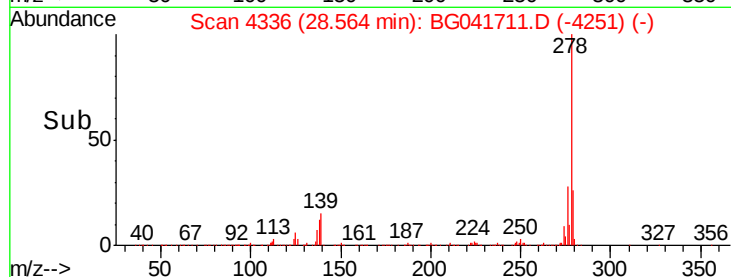
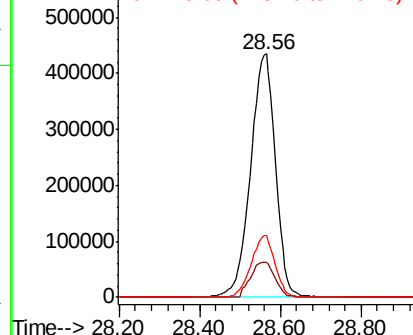


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 45.461 ng
RT: 29.62 min Scan# 4516
Delta R.T. -0.04 min
Lab File: BG041711.D
Acq: 18 Jul 2019 15:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	19.5	16.6	25.0

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

