

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
 Data File : BG041246.D
 Acq On : 14 Jun 2019 9:44
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 6/17/2019 4:52:18 PM

Quant Time: Jun 15 03:28:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 14 13:13:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55446	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	235628	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	165535	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	394847	20.00	ng	0.00
76) Chrysene-d12	21.75	240	379245	20.00	ng	0.00
87) Perylene-d12	25.07	264	351495	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	238716	77.64	ng	0.00
7) Phenol-d6	7.24	99	369487	77.81	ng	0.00
23) Nitrobenzene-d5	9.28	82	440178	82.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	183928	74.84	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	973107	84.66	ng	0.00
79) Terphenyl-d14	20.07	244	1548677	86.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.48	88	46248	33.146	ng	93
3) Pyridine	3.90	79	142921	34.617	ng	94
4) n-Nitrosodimethylamine	3.82	42	80574	42.050	ng	# 93
6) Aniline	7.42	93	244359	38.551	ng	97
8) 2-Chlorophenol	7.66	128	147092	40.126	ng	97
9) Benzaldehyde	7.23	77	118979	42.001	ng	92
10) Phenol	7.27	94	196771	38.646	ng	97
11) bis(2-Chloroethyl)ether	7.52	93	145223	39.316	ng	98
12) 1,3-Dichlorobenzene	7.98	146	178654	40.805	ng	95
13) 1,4-Dichlorobenzene	8.13	146	180309	40.685	ng	98
14) 1,2-Dichlorobenzene	8.45	146	174595	40.575	ng	98
15) Benzyl Alcohol	8.34	79	172151	39.189	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	231719	38.391	ng	99
17) 2-Methylphenol	8.53	107	142582	38.676	ng	99
18) Hexachloroethane	9.17	117	72702	42.563	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	138915	38.013	ng	97
20) 3+4-Methylphenols	8.87	107	196381	38.456	ng	99
22) Acetophenone	8.93	105	263785	39.908	ng	# 97
24) Nitrobenzene	9.32	77	222598	41.153	ng	94
25) Isophorone	9.84	82	393566	38.963	ng	98
26) 2-Nitrophenol	10.02	139	95350	42.760	ng	99
27) 2,4-Dimethylphenol	10.07	122	142433	38.676	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	220010	40.356	ng	# 95
29) 2,4-Dichlorophenol	10.56	162	182141	38.947	ng	95
30) 1,2,4-Trichlorobenzene	10.77	180	225468	42.380	ng	100
31) Naphthalene	10.97	128	503897	39.830	ng	98
32) Benzoic acid	10.20	122	58908m	22.409	ng	
33) 4-Chloroaniline	11.08	127	225850	38.476	ng	98
34) Hexachlorobutadiene	11.22	225	173640	42.656	ng	99
35) Caprolactam	11.89	113	53355	34.549	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	198038	37.079	ng	96
37) 2-Methylnaphthalene	12.56	142	381729	39.177	ng	99
38) 1-Methylnaphthalene	12.78	142	357042	38.886	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	284478	42.638	ng	100

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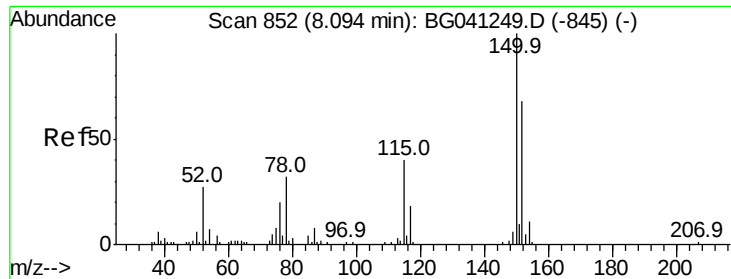
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
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 QLast Update : Fri Jun 14 13:13:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	134655	45.044	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	177046	41.019	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	177009	38.886	ng	100
46) 1,1'-Biphenyl	13.56	154	507812	41.443	ng	100
47) 2-Chloronaphthalene	13.61	162	444960	42.300	ng	97
48) 2-Nitroaniline	13.83	65	155555	41.220	ng	91
49) Acenaphthylene	14.45	152	638545	40.332	ng	99
50) Dimethylphthalate	14.18	163	554318	39.559	ng	98
51) 2,6-Dinitrotoluene	14.31	165	118899	39.354	ng	98
52) Acenaphthene	14.79	154	381028	39.728	ng	100
53) 3-Nitroaniline	14.65	138	117290	38.823	ng	96
54) 2,4-Dinitrophenol	14.85	184	24459	20.884	ng	91
55) Dibenzofuran	15.12	168	647963	40.151	ng	99
56) 4-Nitrophenol	14.94	139	68553	33.082	ng	96
57) 2,4-Dinitrotoluene	15.09	165	167940	39.351	ng	# 99
58) Fluorene	15.77	166	499540	38.868	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	171453	38.327	ng	98
60) Diethylphthalate	15.53	149	557074	38.956	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	333741	39.951	ng	97
62) 4-Nitroaniline	15.81	138	122321	38.244	ng	97
63) Azobenzene	16.05	77	501124	38.556	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	62045	32.750	ng	93
66) n-Nitrosodiphenylamine	15.98	169	444877	40.080	ng	97
67) 4-Bromophenyl-phenylether	16.65	248	208744	39.174	ng	98
68) Hexachlorobenzene	16.77	284	226664	39.947	ng	98
69) Atrazine	16.92	200	164062	38.307	ng	98
70) Pentachlorophenol	17.12	266	95911	34.880	ng	99
71) Phenanthrene	17.52	178	827179	40.219	ng	99
72) Anthracene	17.61	178	829690	40.903	ng	99
73) Carbazole	17.88	167	712811	40.954	ng	99
74) Di-n-butylphthalate	18.41	149	880770	40.715	ng	99
75) Fluoranthene	19.52	202	1049529	41.314	ng	97
77) Benzidine	19.70	184	270041	29.849	ng	98
78) Pyrene	19.88	202	1058014	42.915	ng	98
80) Butylbenzylphthalate	20.75	149	418954	43.668	ng	99
81) Benzo(a)anthracene	21.73	228	1034735	40.988	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	347465	39.132	ng	100
83) Chrysene	21.80	228	1017555	42.120	ng	97
84) Bis(2-ethylhexyl)phthalate	21.60	149	574441	42.533	ng	# 99
85) Di-n-octyl phthalate	22.83	149	967156	42.998	ng	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	629301	21.265	ng	# 64
88) Benzo(b)fluoranthene	24.01	252	895142	41.987	ng	99
89) Benzo(k)fluoranthene	24.08	252	1040043	49.298	ng	100
90) Benzo(a)pyrene	24.92	252	874452	42.991	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	493195	24.266	ng	98
92) Benzo(g,h,i)perylene	30.09	276	456199	23.104	ng	96

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



#1

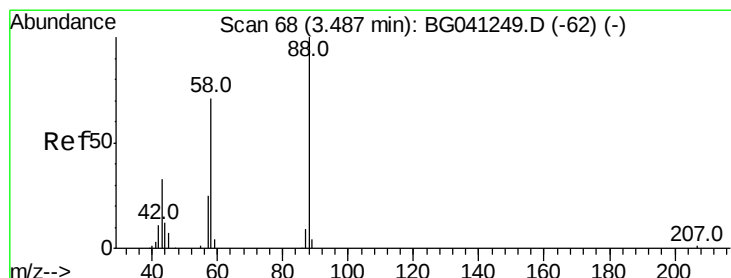
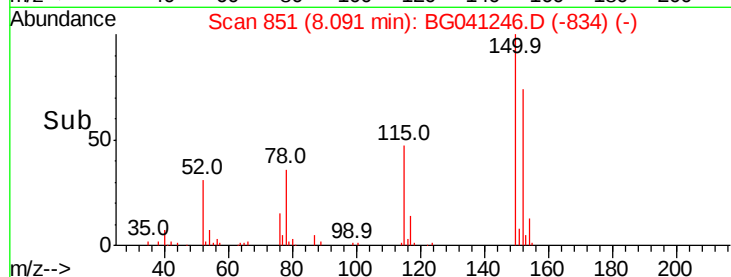
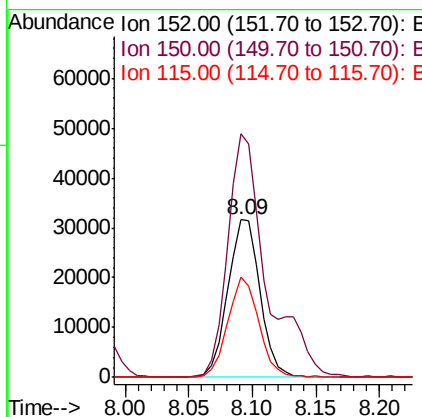
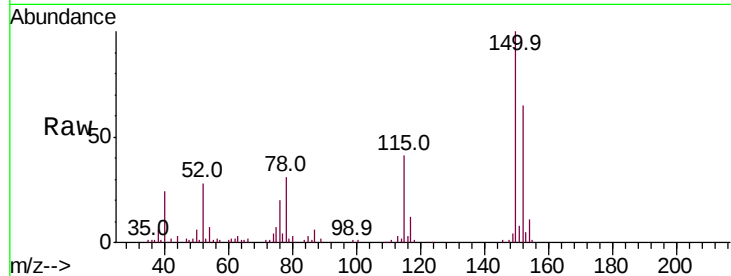
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	118.6	177.8
115	63.5	47.7	71.5

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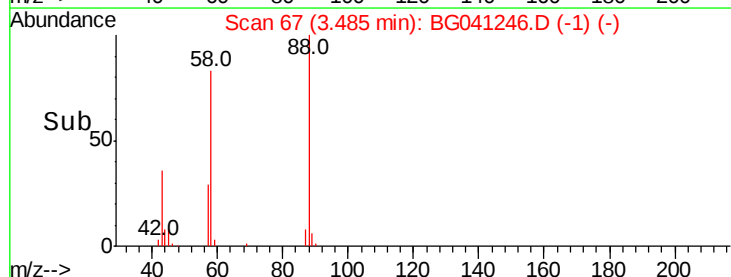
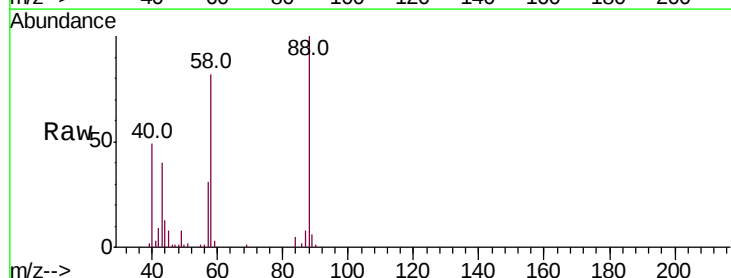
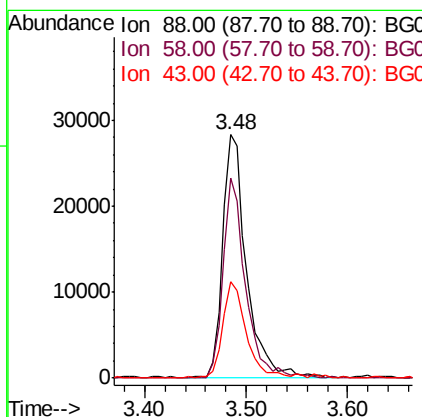
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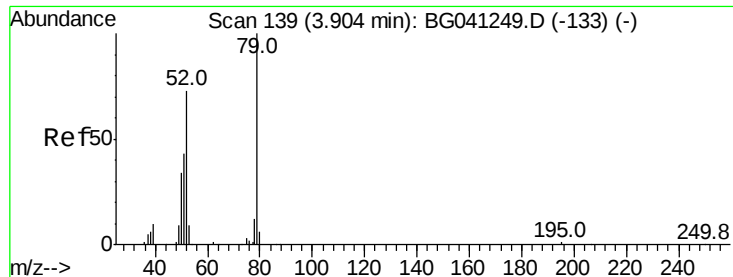


#2

1,4-Dioxane
Concen: 33.146 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.2	57.5	86.3
43	39.2	27.8	41.8





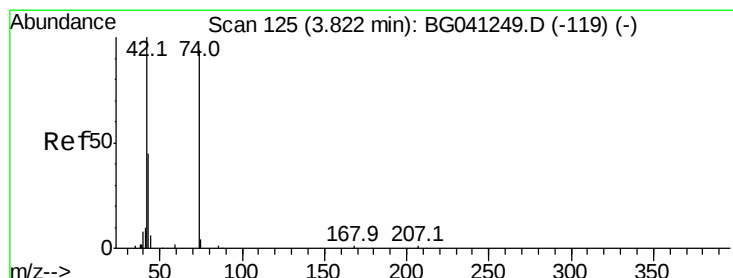
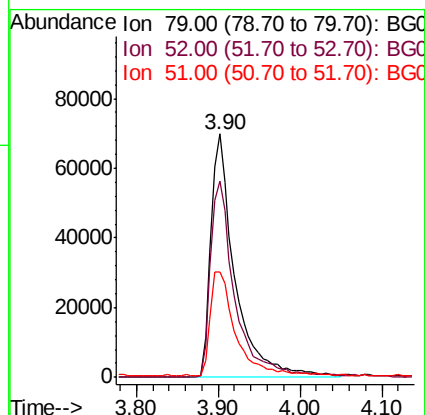
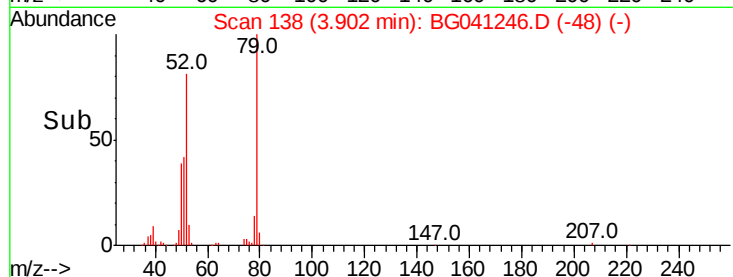
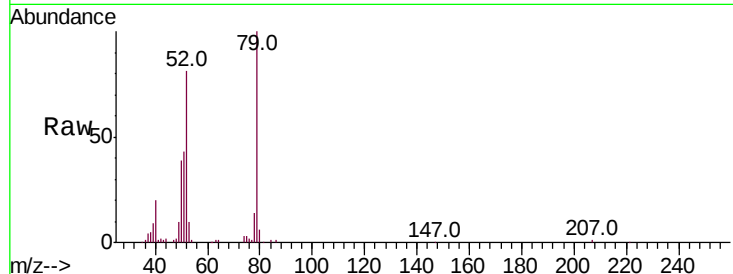
#3
 Pvridine
 Concen: 34.617 ng
 RT: 3.90 min Scan# 138
 Delta R.T. -0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.7	58.2	87.4
51	43.4	35.6	53.4

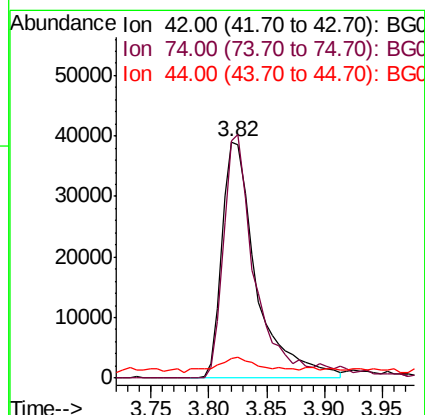
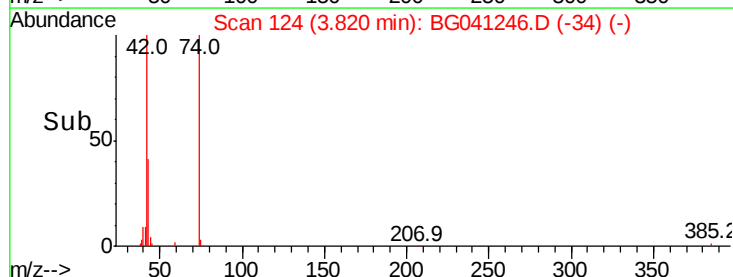
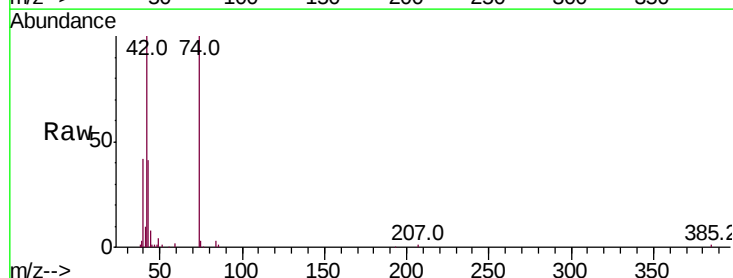
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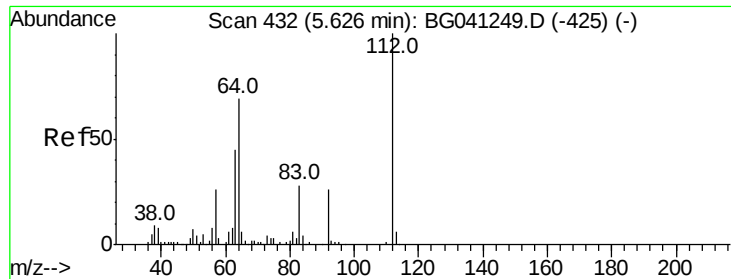
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#4
 n-Nitrosodimethylamine
 Concen: 42.050 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.2	75.2	112.8
44	8.1	9.4	14.2#





#5

2-Fluorophenol

Concen: 77.635 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

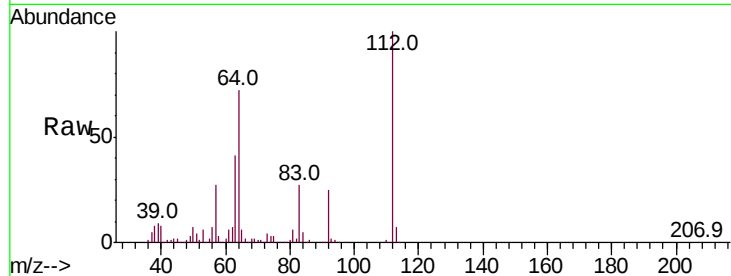
ClientSampleId :

SSTDCCC040

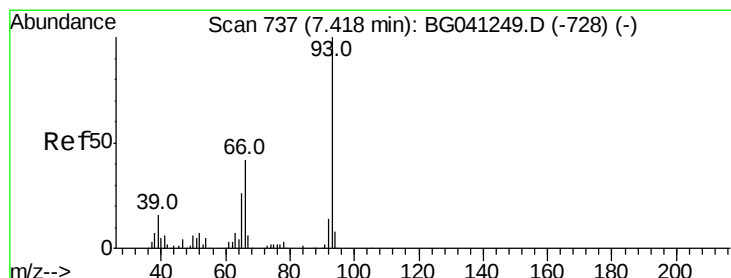
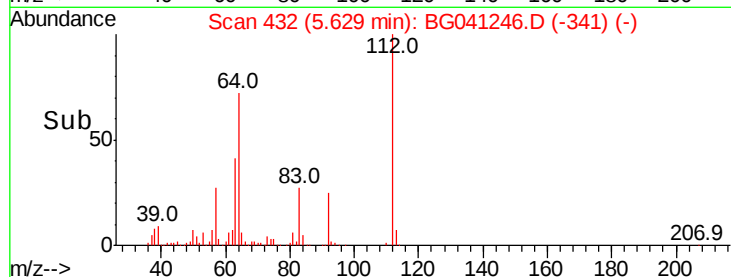
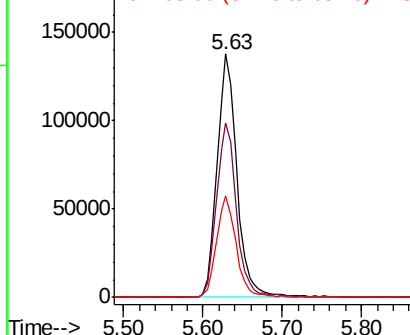
Tot Ion	Ratio	Resp	Lower	Upper
112	100	238716		
64	71.6	55.2	82.8	
63	41.5	35.8	53.8	

Manual Integrations
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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: 38.551 ng

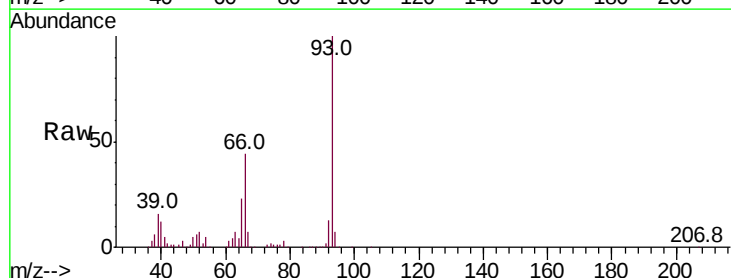
RT: 7.42 min Scan# 737

Delta R.T. 0.00 min

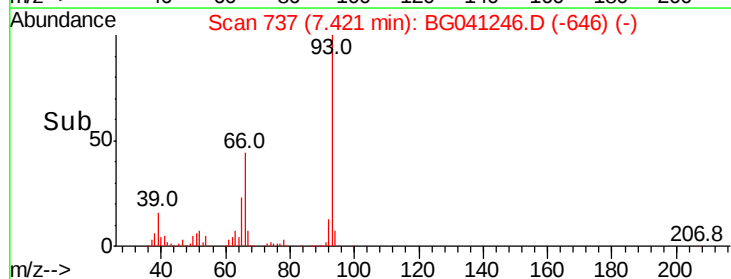
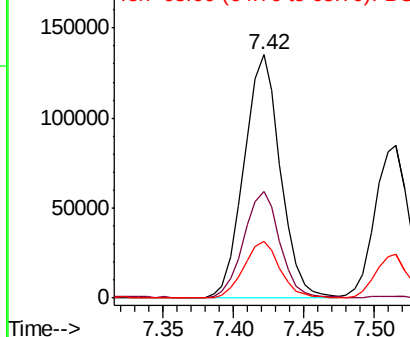
Lab File: BG041246.D

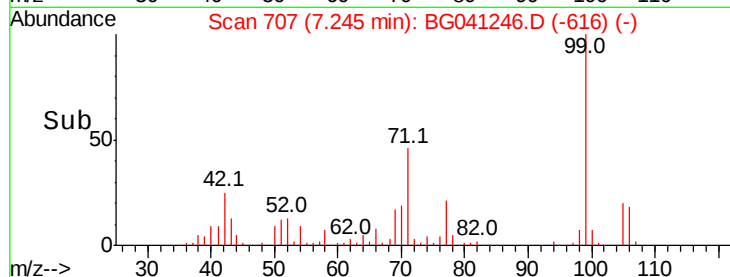
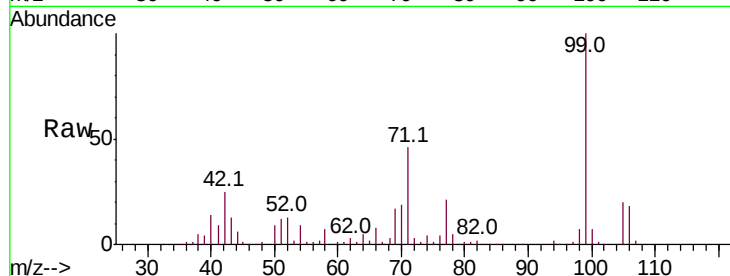
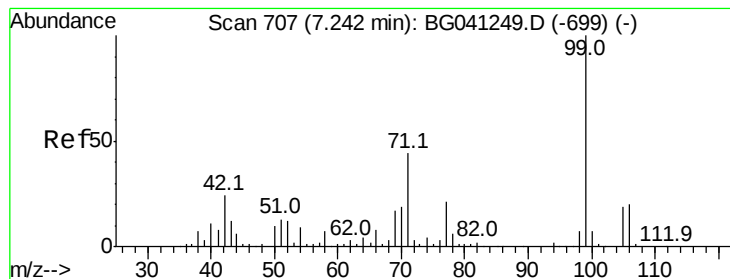
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	244359		
66	43.7	33.8	50.8	
65	23.2	20.7	31.1	



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: 77.807 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tot Ion:	99	Resp:	369487
Ion Ratio	Lower	Upper	
99	100		
42	24.9	19.2	28.8
71	45.6	35.3	52.9

Instrument :

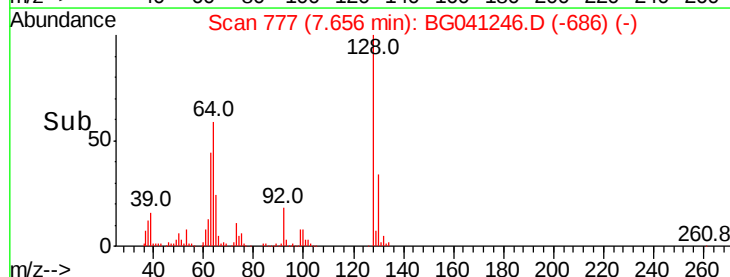
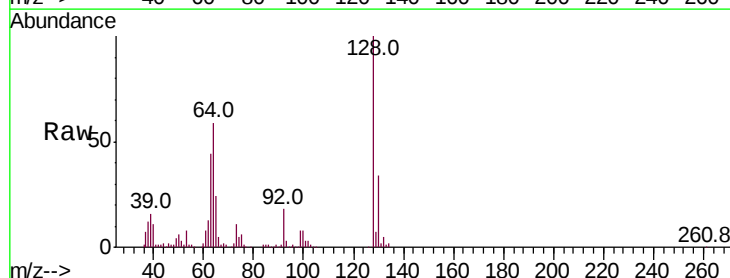
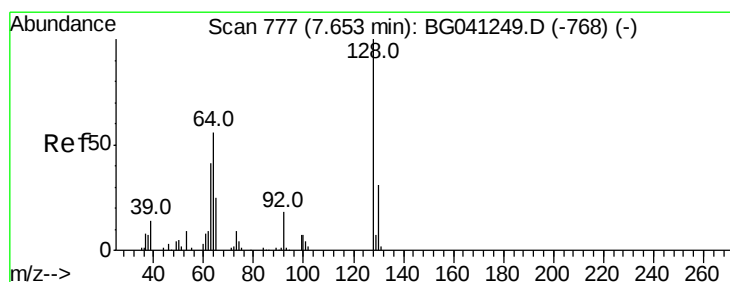
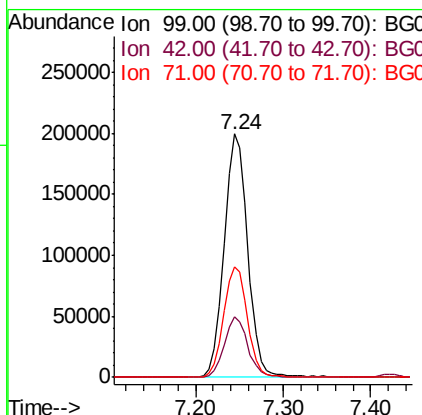
BNA_G

ClientSampled :

SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.126 ng

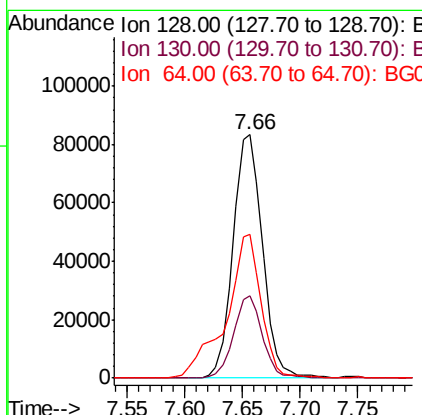
RT: 7.66 min Scan# 777

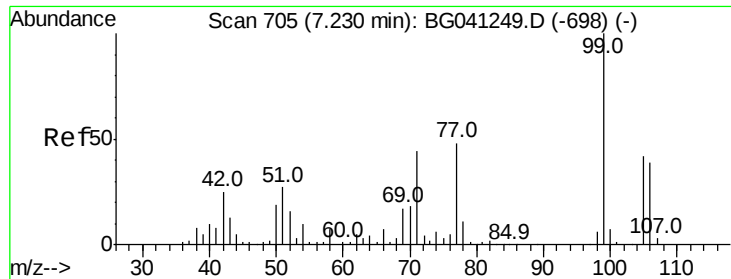
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:	128	Resp:	147092
Ion Ratio	Lower	Upper	
128	100		
130	33.9	11.4	51.4
64	58.8	40.7	80.7





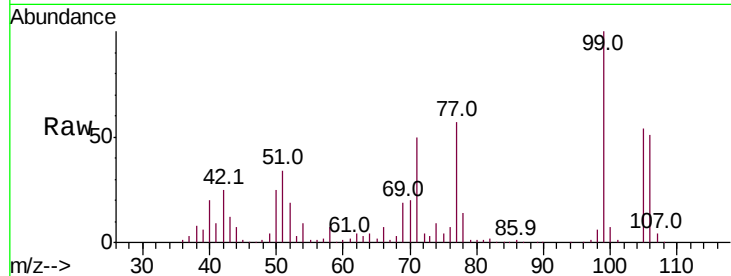
#9
Benzaldehyde
Concen: 42.001 ng
RT: 7.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

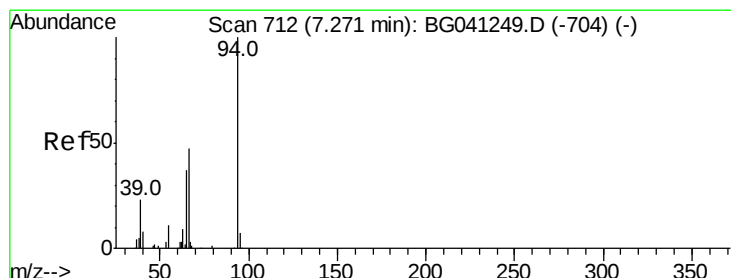
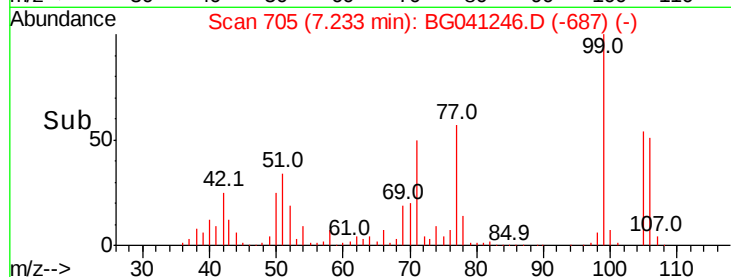
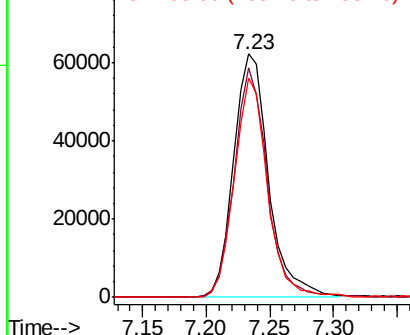
Tot Ion	Ratio	Lower	Upper
77	100		
105	94.4	67.0	107.0
106	90.2	62.3	102.3

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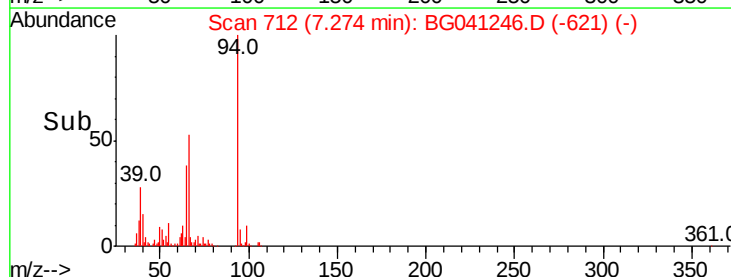
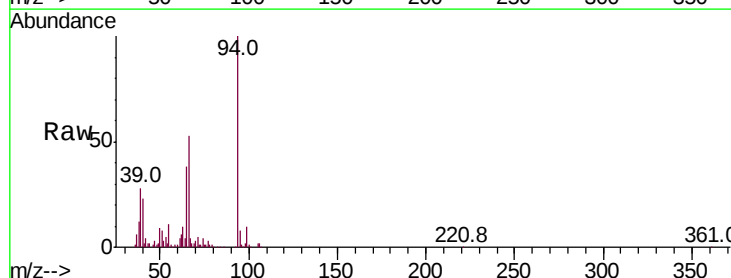
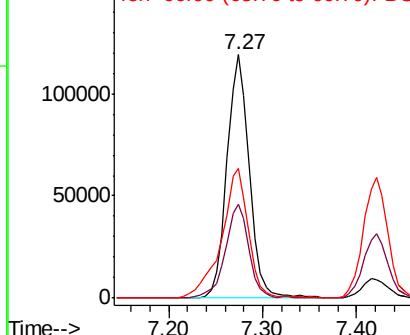
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

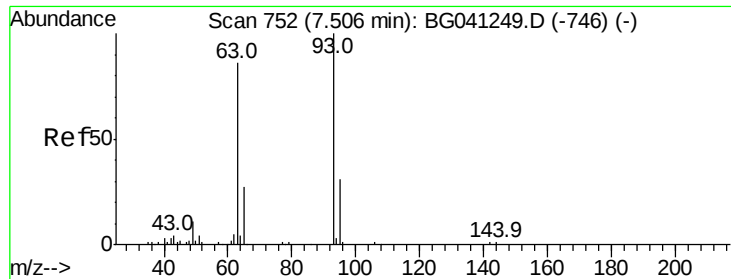


#10
Phenol
Concen: 38.646 ng
RT: 7.27 min Scan# 712
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.4	17.3	57.3
66	53.2	30.8	70.8

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





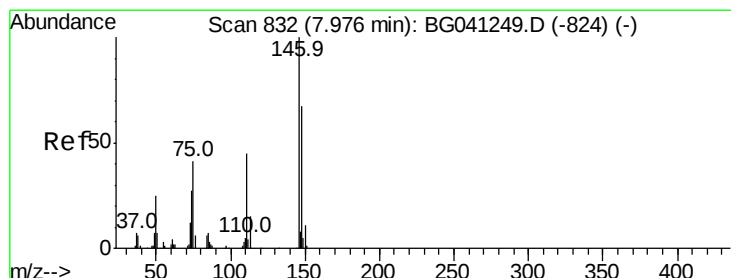
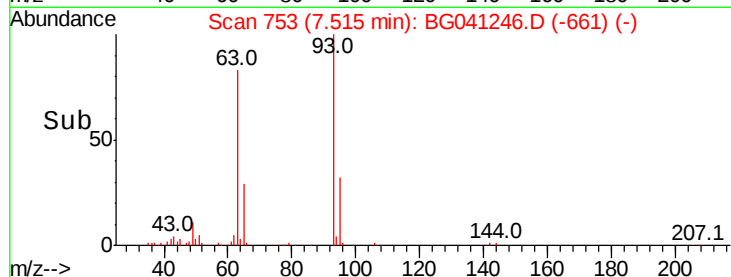
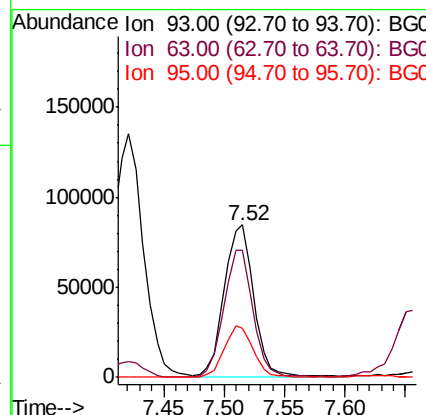
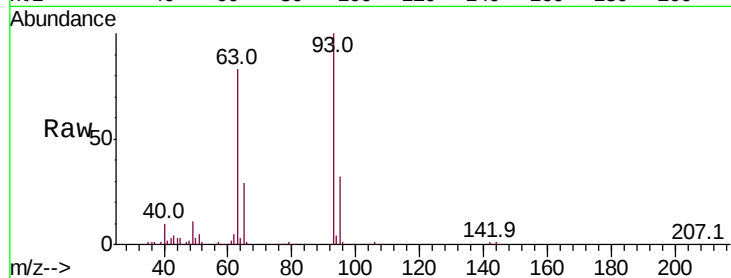
#11
bis(2-Chloroethyl)ether
Concen: 39.316 ng
RT: 7.52 min Scan# 753
Delta R.T. 0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.3	64.4	104.4
95	32.3	10.7	50.7

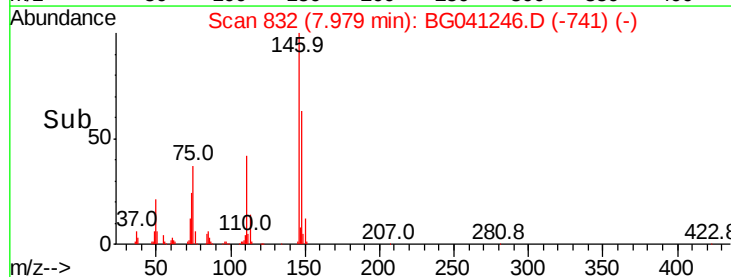
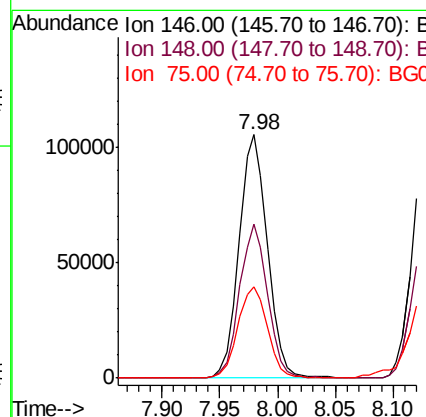
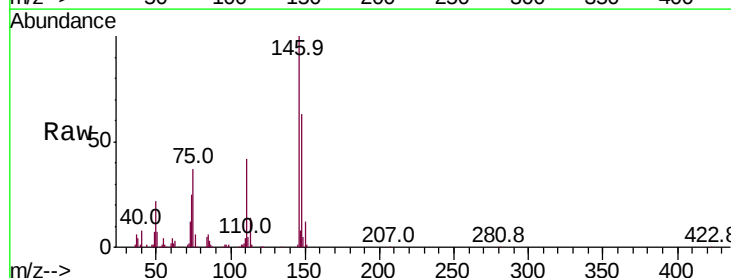
Manual Integrations
APPROVED

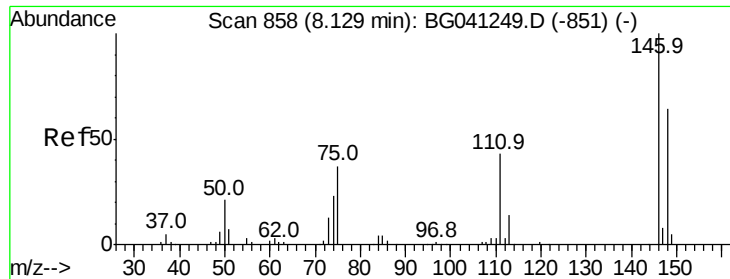
mohammad
6/17/2019 4:52:18 PM



#12
1,3-Dichlorobenzene
Concen: 40.805 ng
RT: 7.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.2	79.8
75	37.4	32.6	49.0





#13

1,4-Dichlorobenzene

Concen: 40.685 ng

RT: 8.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

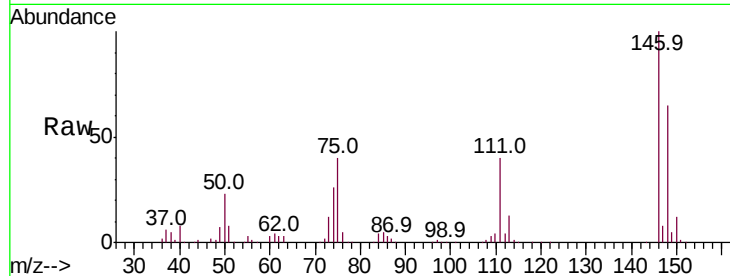
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	180309
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.4	77.0
111	40.4	34.6	51.8

Manual Integrations
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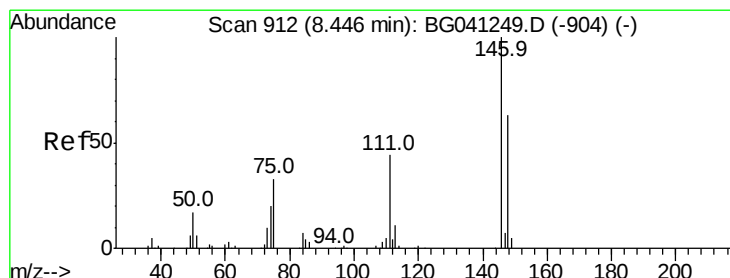
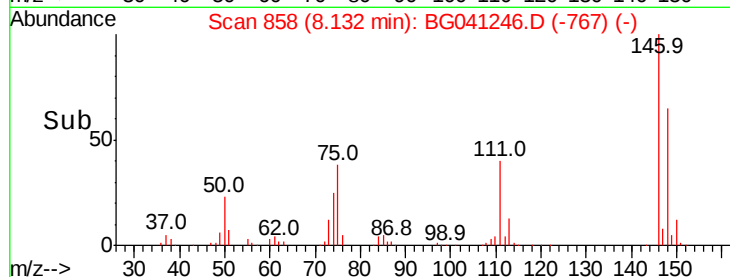
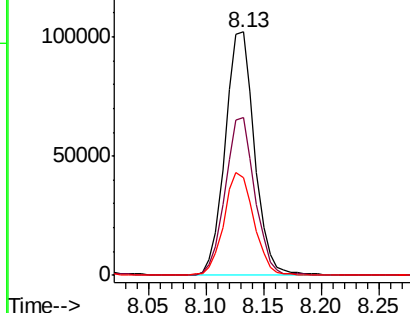


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.575 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

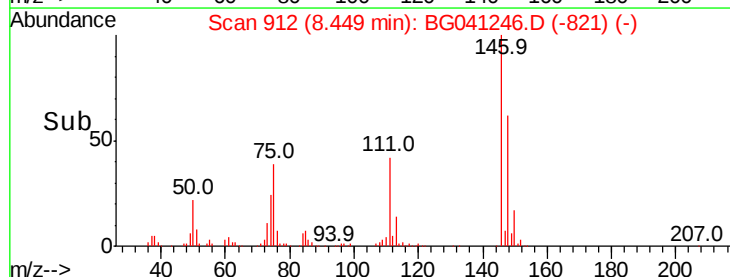
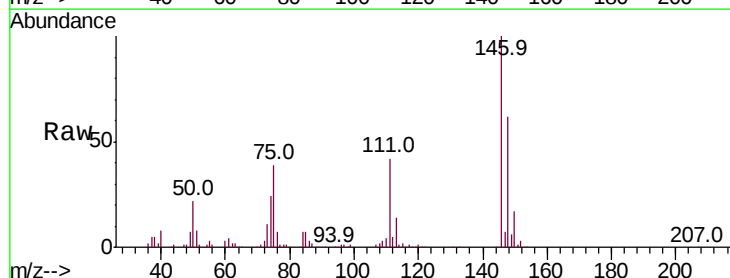
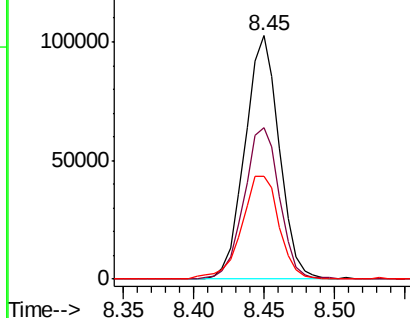
Tgt Ion:	146	Resp:	174595
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.7	76.1
111	42.0	35.6	53.4

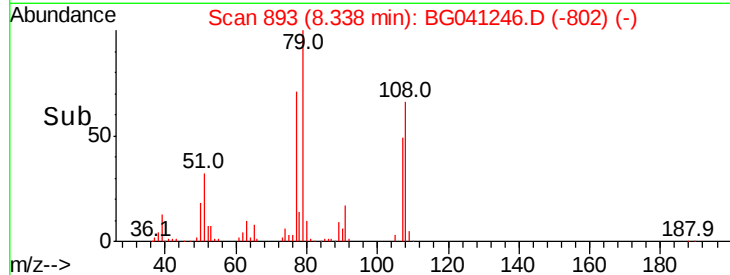
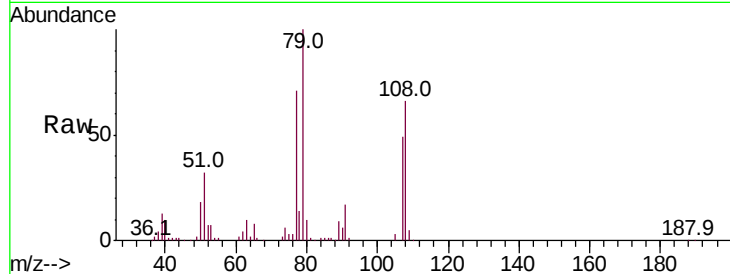
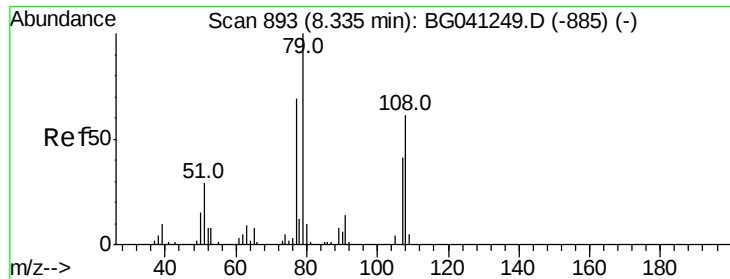
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





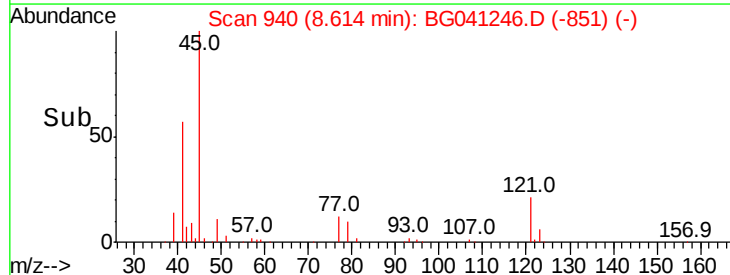
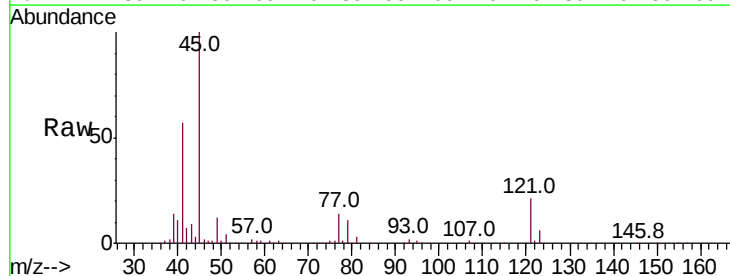
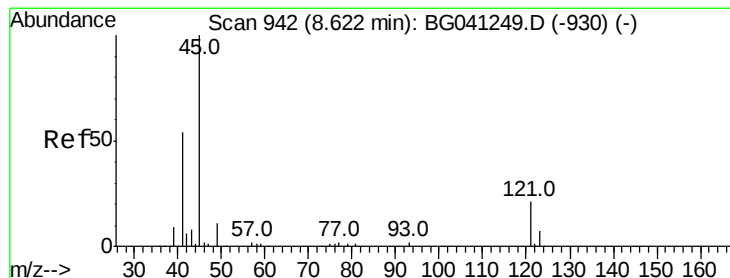
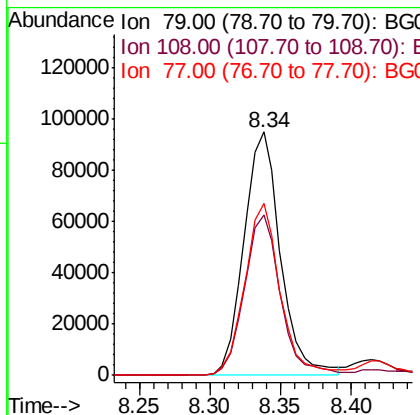
#15
Benzyl Alcohol
Concen: 39.189 ng
RT: 8.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.8	48.8	73.2
77	70.5	55.2	82.8

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

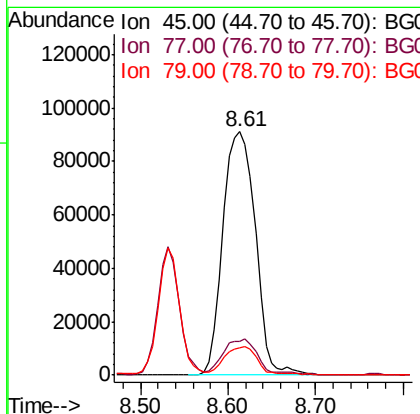
Manual Integrations
APPROVED

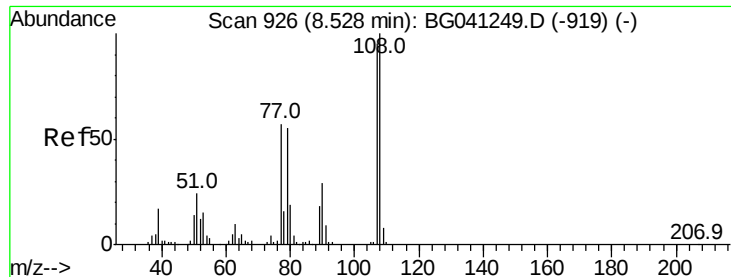
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.391 ng
RT: 8.61 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.2
79	11.0	0.0	31.3





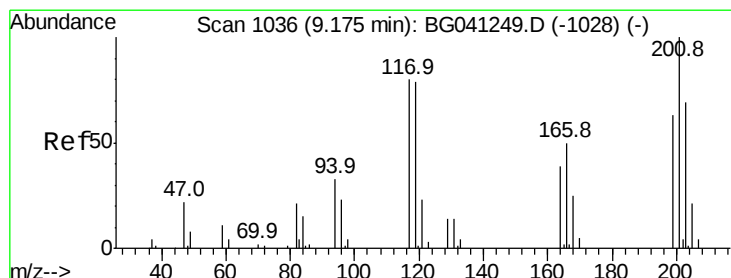
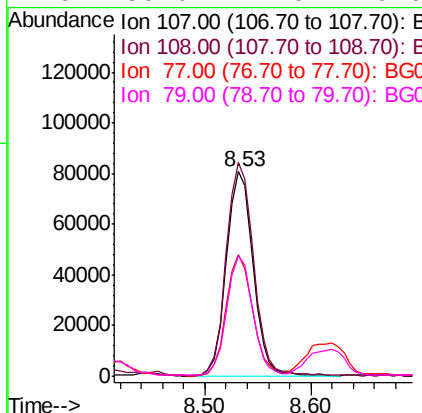
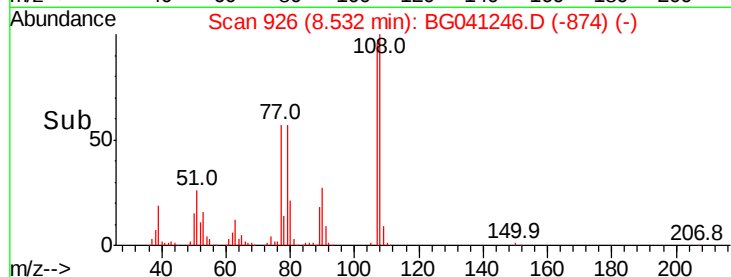
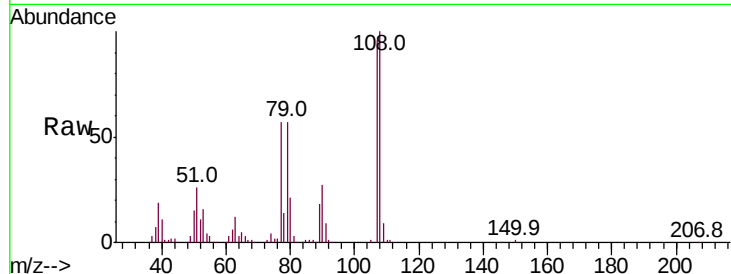
#17
2-Methylphenol
Concen: 38.676 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.4	84.8	127.2	
77	59.7	48.8	73.2	
79	59.0	47.0	70.6	

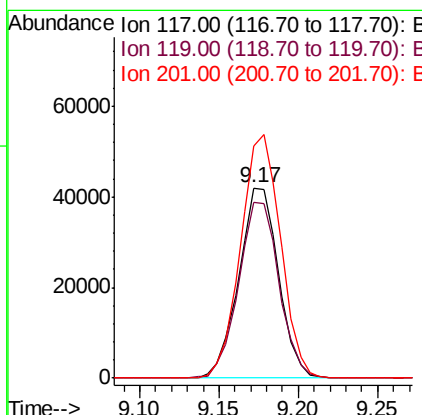
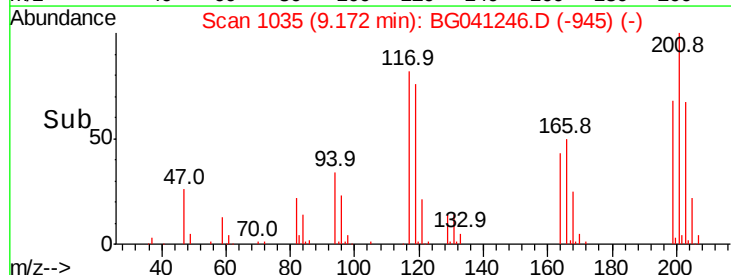
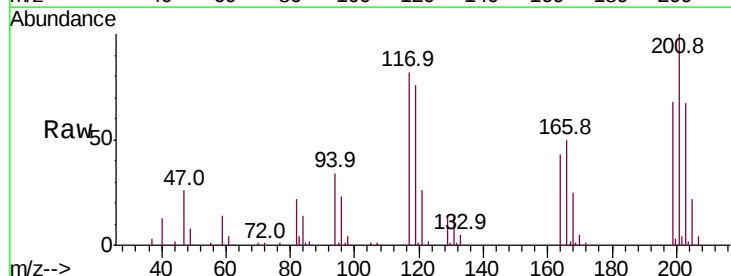
Manual Integrations
APPROVED

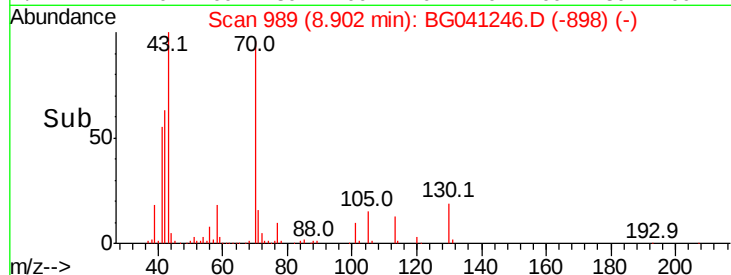
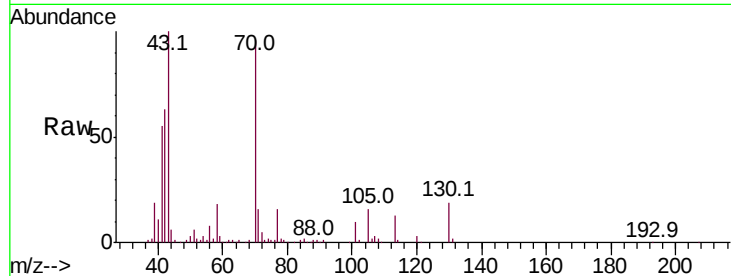
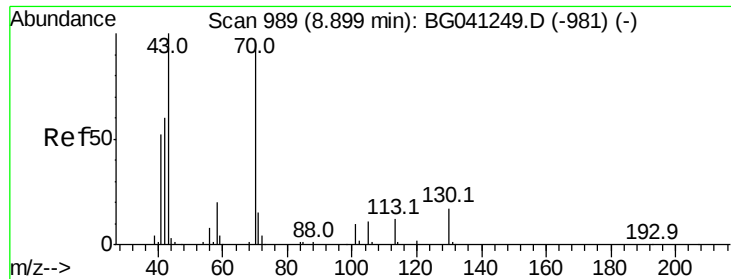
mohammad
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#18
Hexachloroethane
Concen: 42.563 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.6	79.1	118.7	
201	122.2	100.2	150.2	





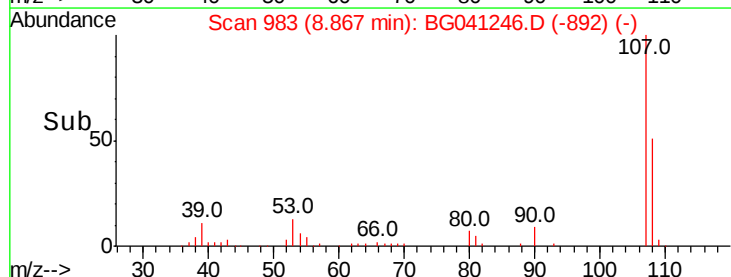
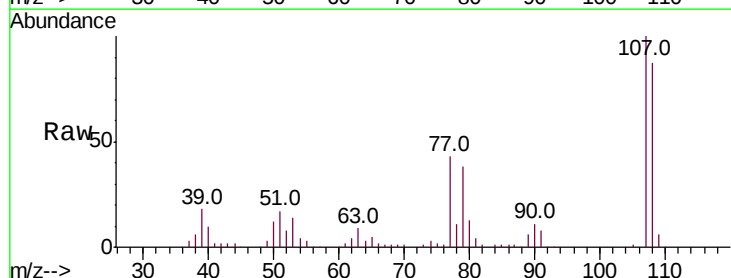
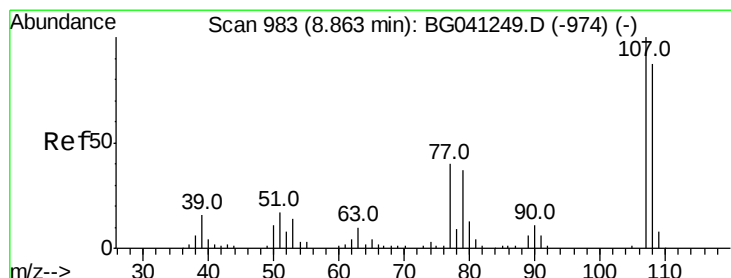
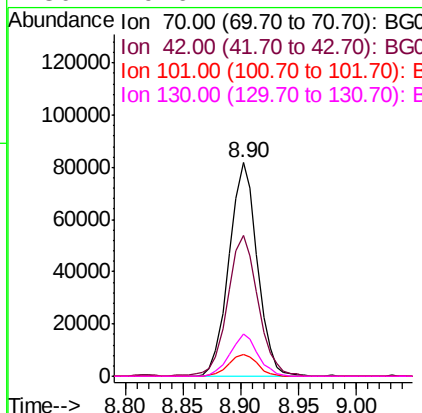
#19
n-Nitroso-di-n-propylamine
Concen: 38.013 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.1	50.7	76.1
101	10.5	8.3	12.5
130	19.6	14.1	21.1

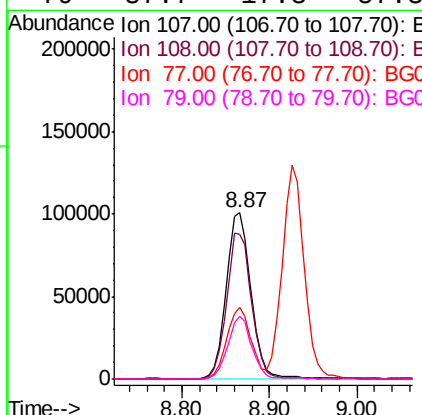
Manual Integrations
APPROVED

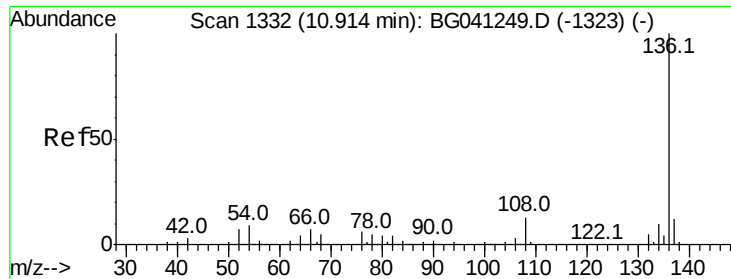
mohammad
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#20
3+4-Methylphenols
Concen: 38.456 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	67.2	107.2
77	43.2	20.4	60.4
79	37.7	17.3	57.3





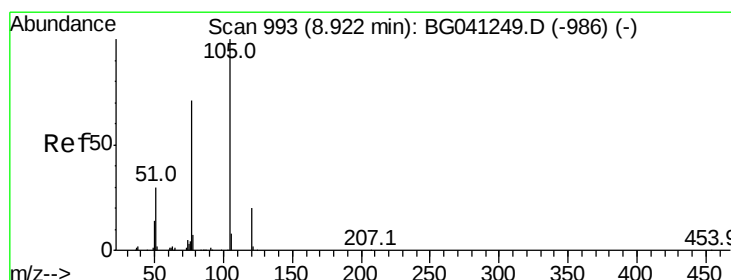
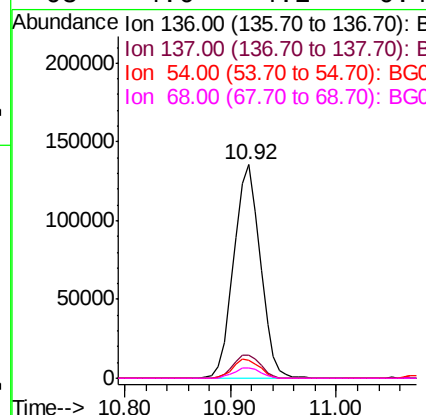
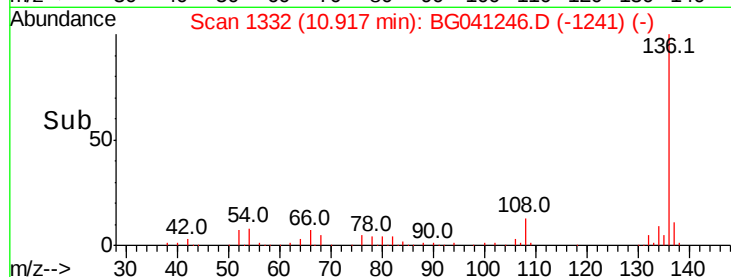
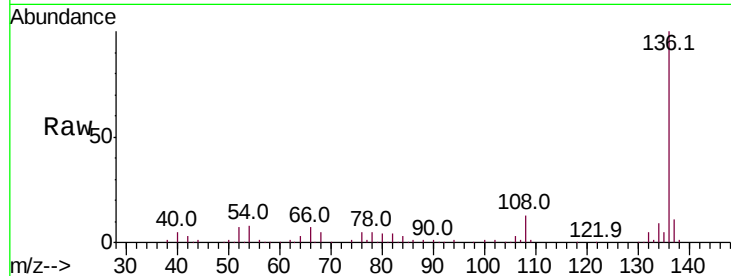
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.7	14.5	
54	8.2	7.4	11.2	
68	4.6	4.2	6.4	

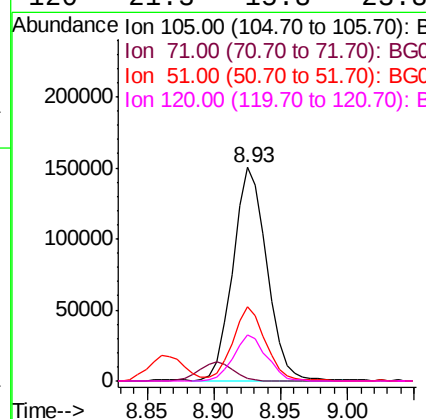
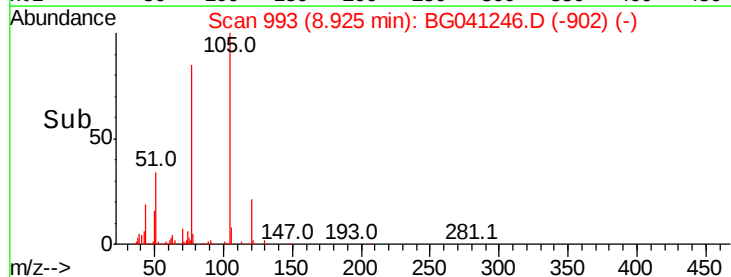
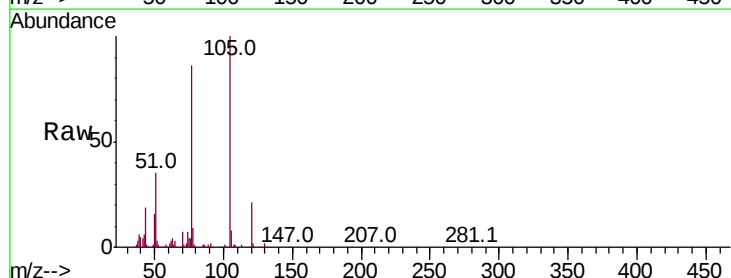
Manual Integrations
APPROVED

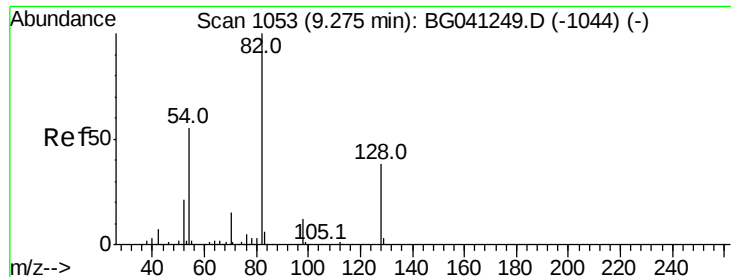
mohammad
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#22
Acetophenone
Concen: 39.908 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.3	0.7	1.1#	
51	34.8	26.6	40.0	
120	21.3	15.8	23.8	





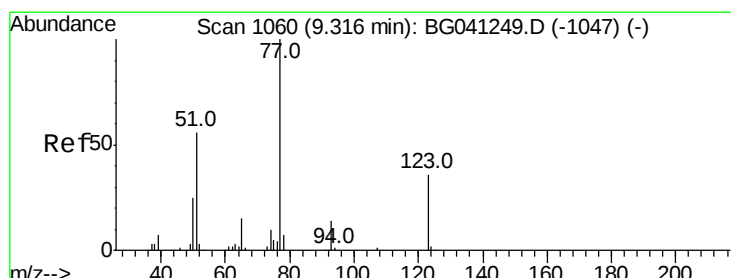
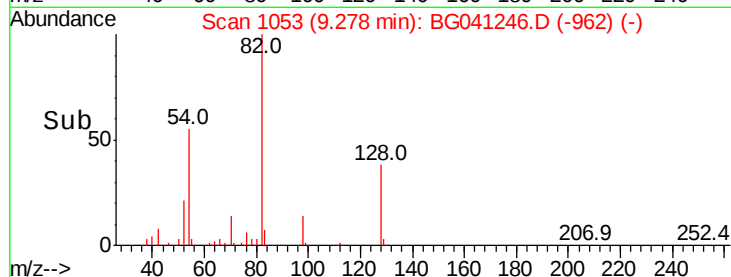
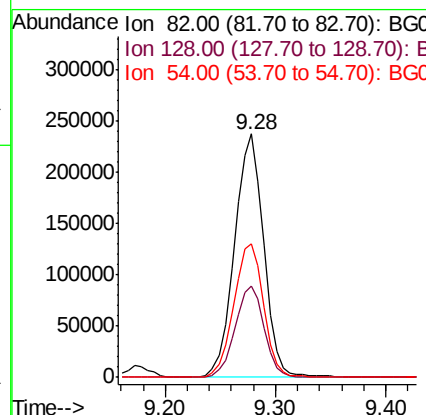
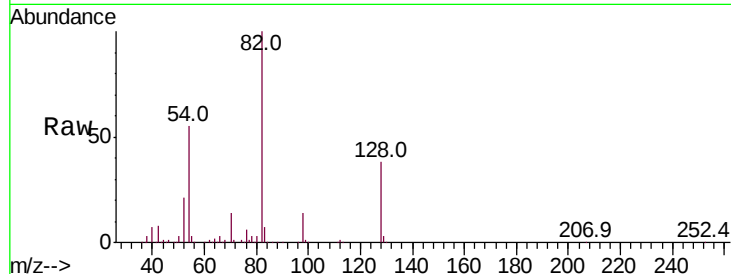
#23
Nitrobenzene-d5
Concen: 82.932 ng
RT: 9.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.2	45.2
54	54.7	44.0	66.0

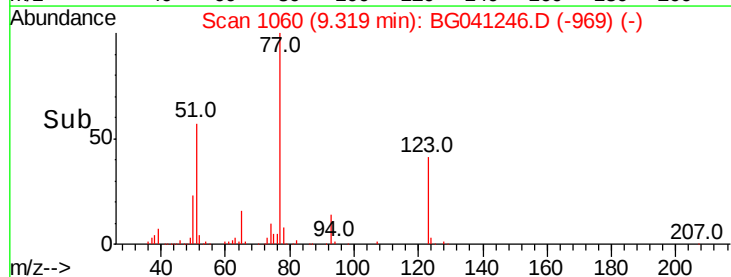
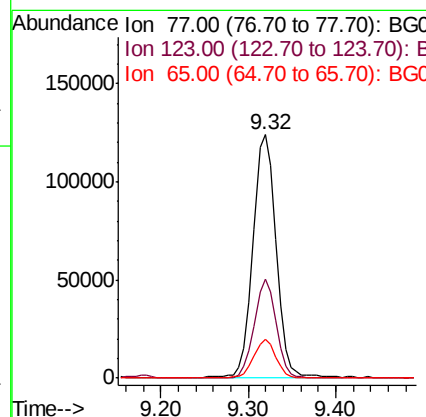
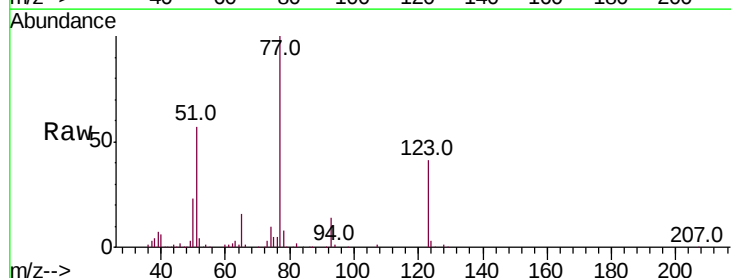
Manual Integrations
APPROVED

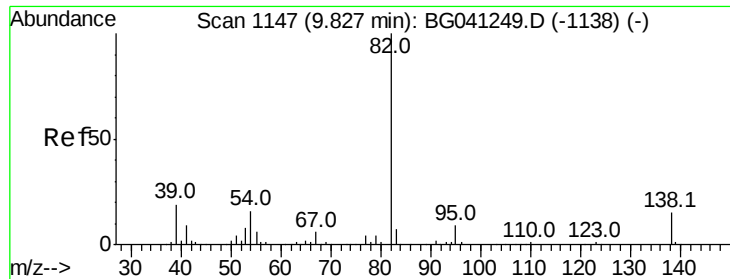
mohammad
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#24
Nitrobenzene
Concen: 41.153 ng
RT: 9.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	28.8	43.2
65	15.8	11.8	17.8





#25

Isophorone

Concen: 38.963 ng

RT: 9.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

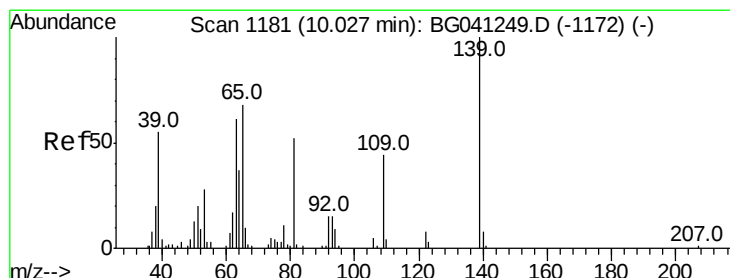
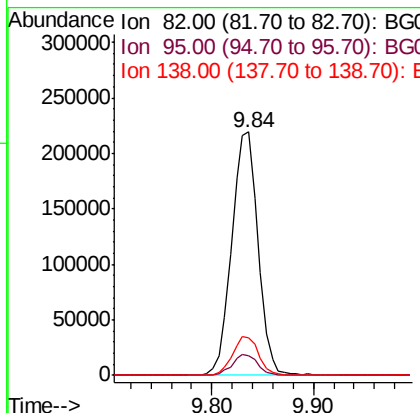
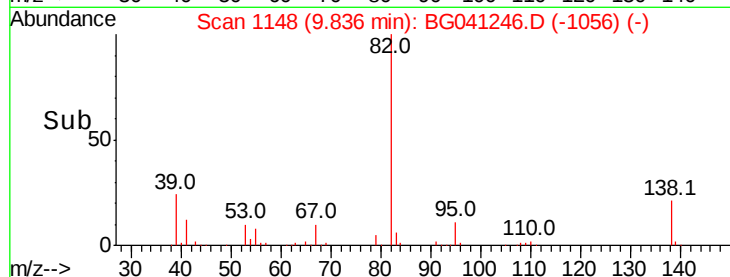
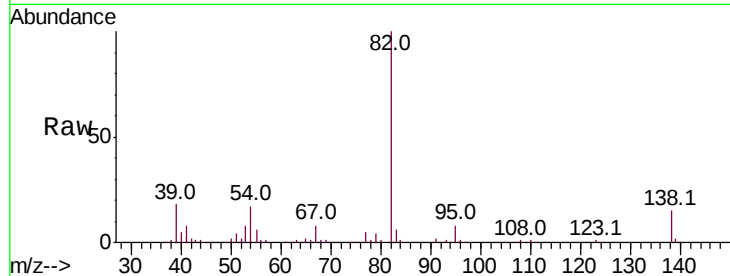
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	393566
Ion Ratio	Lower	Upper	
82	100		
95	8.0	7.3	10.9
138	15.5	12.0	18.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.760 ng

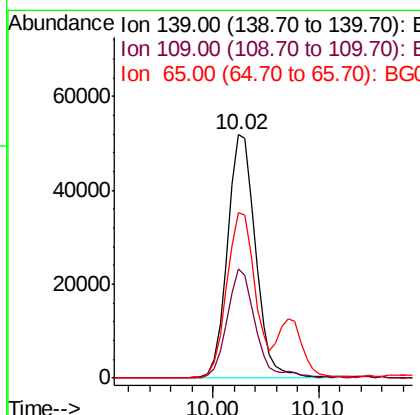
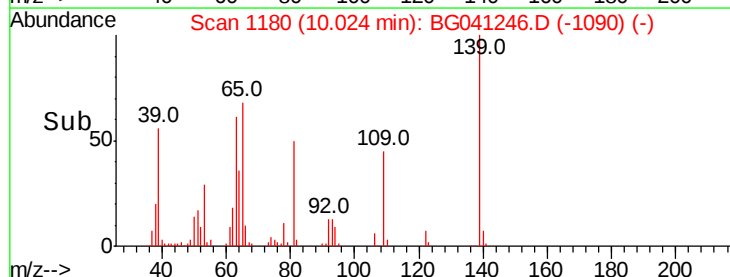
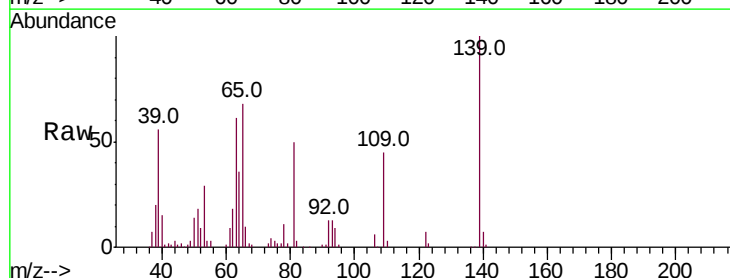
RT: 10.02 min Scan# 1180

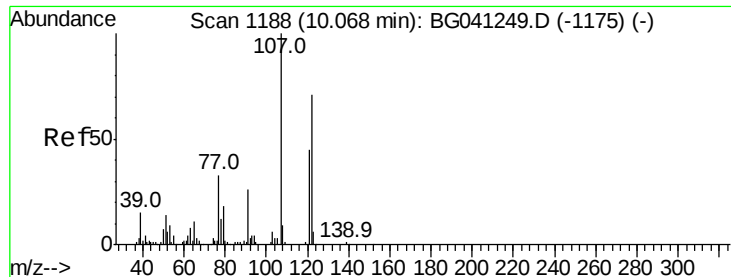
Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:	139	Resp:	95350
Ion Ratio	Lower	Upper	
139	100		
109	44.9	35.0	52.4
65	68.1	54.6	82.0





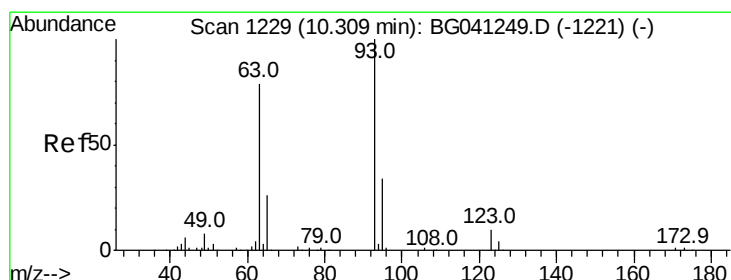
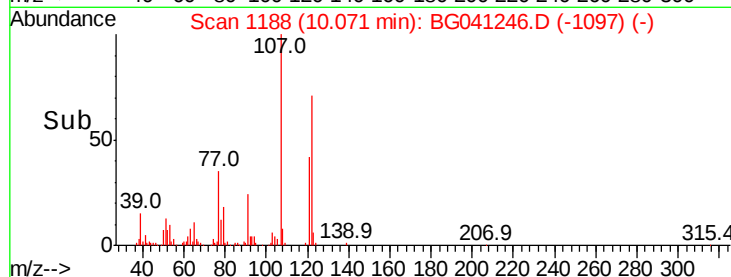
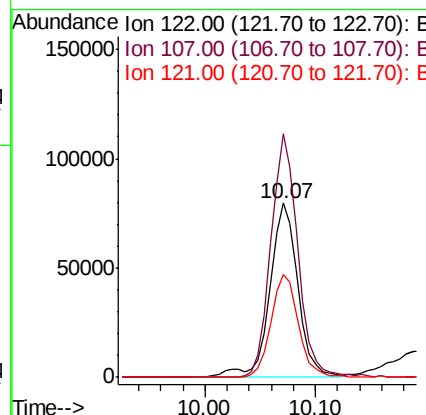
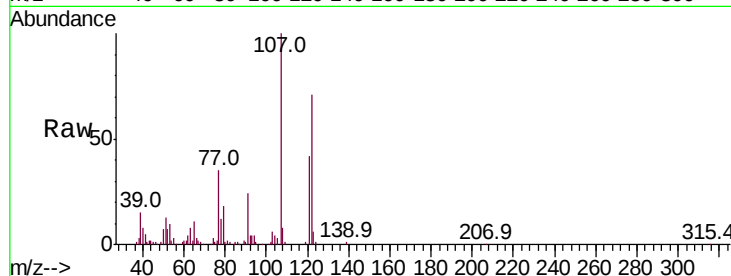
#27
2,4-Dimethylphenol
Concen: 38.676 ng
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	140.0	112.1	168.1
121	59.2	50.0	75.0

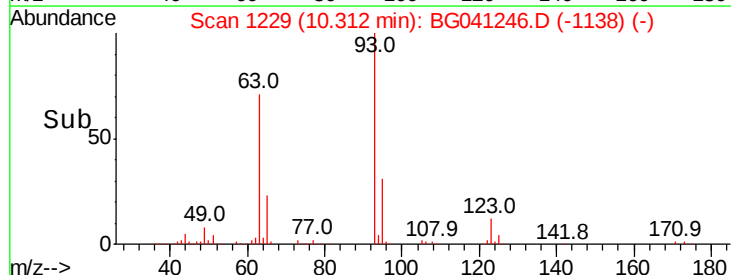
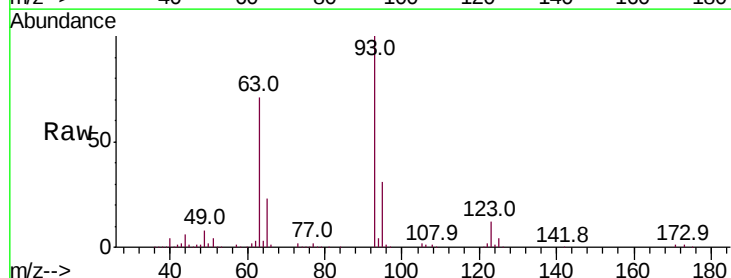
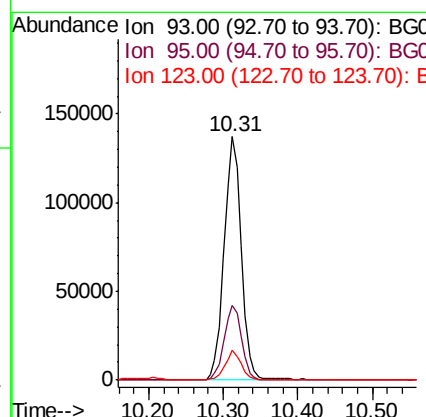
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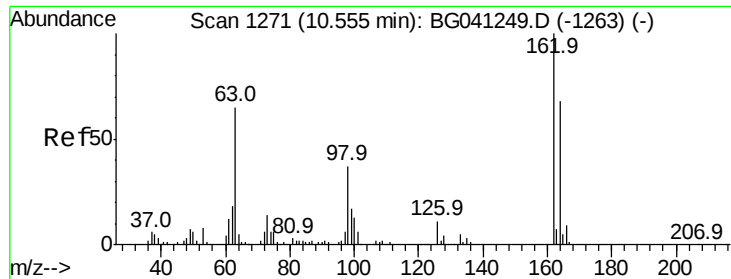
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.356 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	26.9	40.3
123	12.2	7.9	11.9#





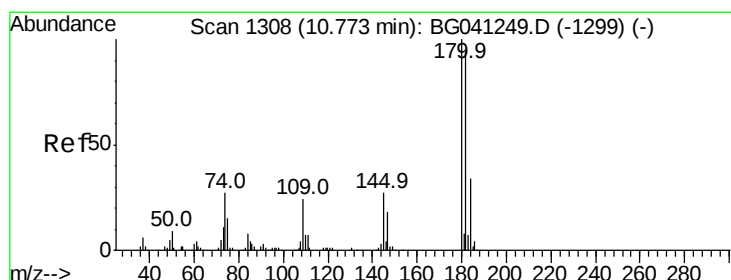
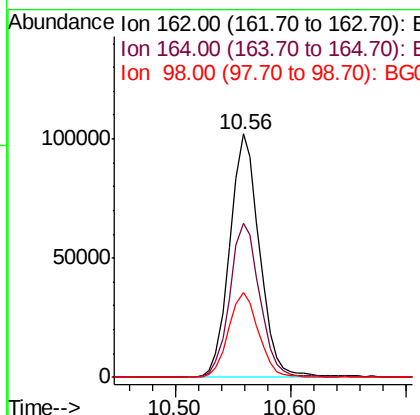
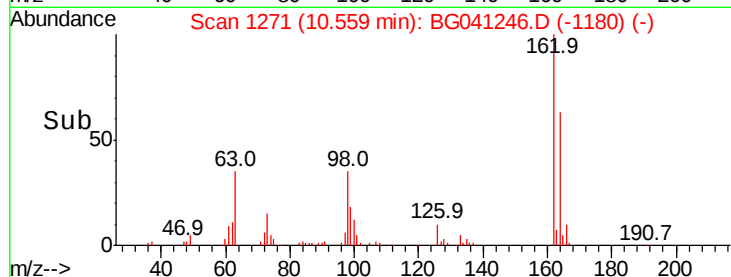
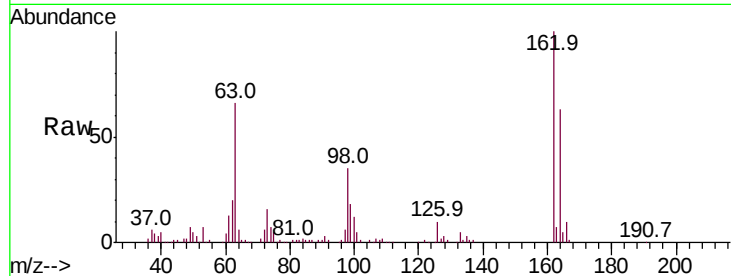
#29
2,4-Dichlorophenol
Concen: 38.947 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	182141		
164	63.2	47.6	87.6	
98	34.7	17.0	57.0	

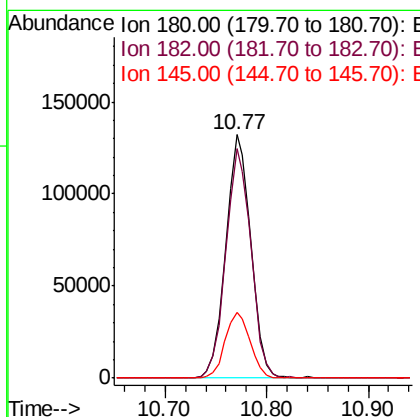
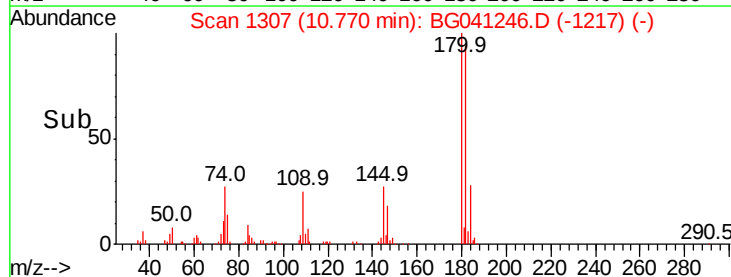
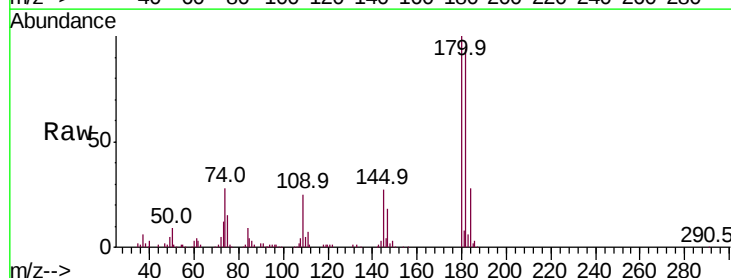
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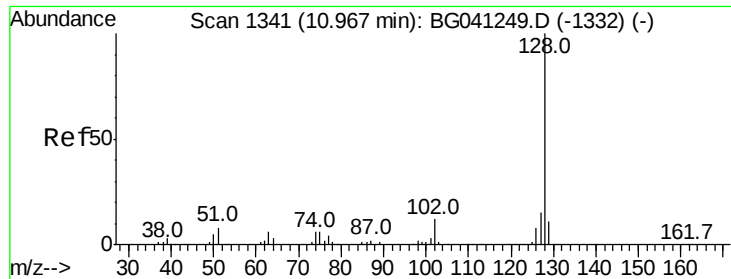
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.380 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	225468		
182	94.3	75.1	112.7	
145	26.8	21.3	31.9	





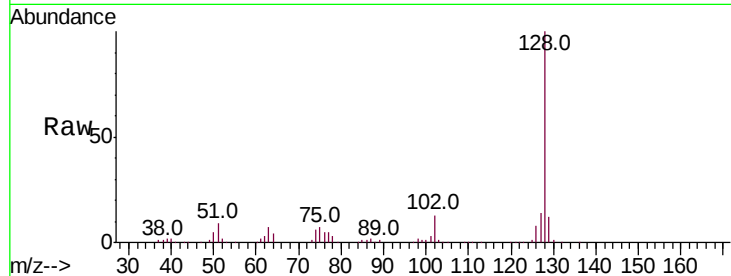
#31
Naphthalene
Concen: 39.830 ng
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

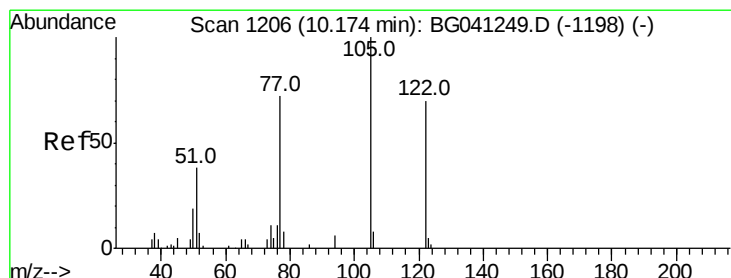
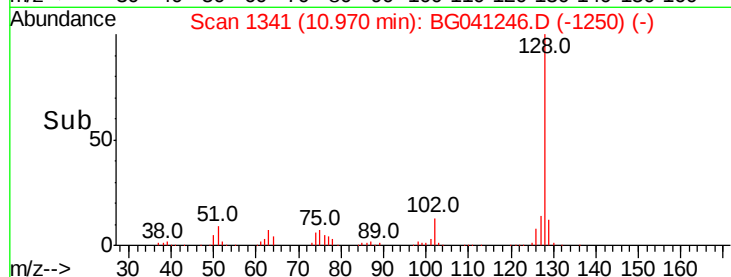
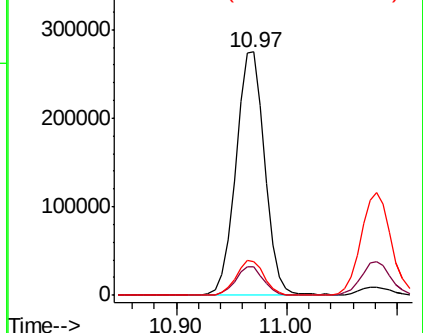
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.6	11.7	17.5

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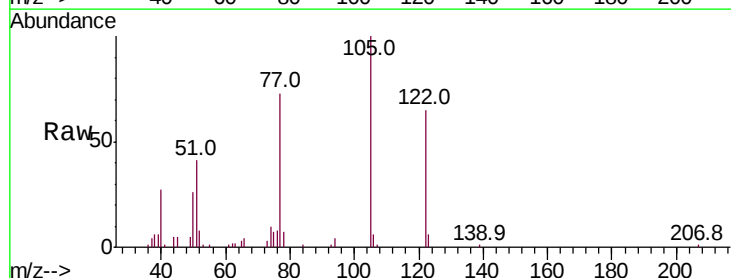


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

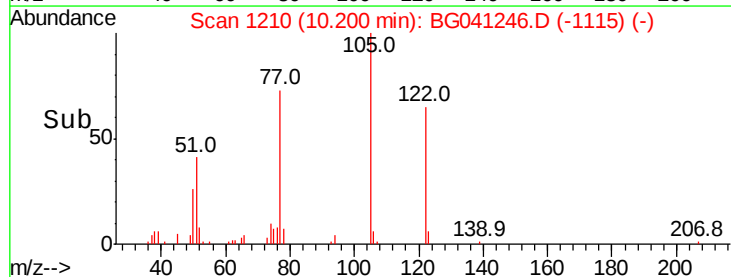
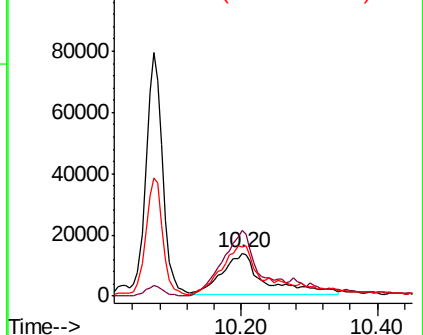


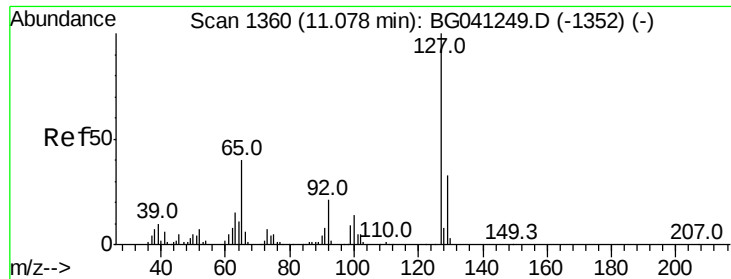
#32
Benzoic acid
Concen: 22.409 ng m
RT: 10.20 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	153.1	113.8	153.8
77	112.5	82.6	122.6



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





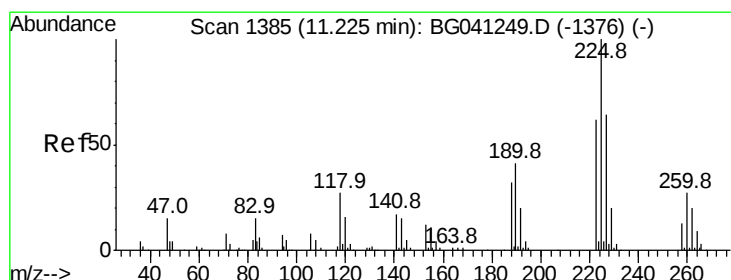
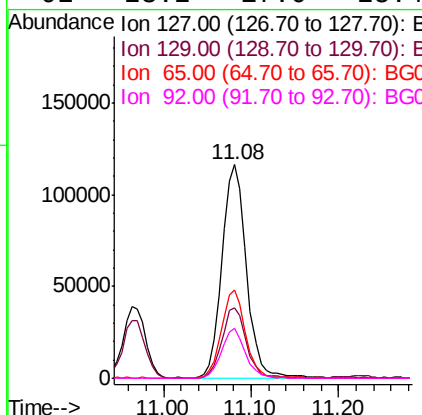
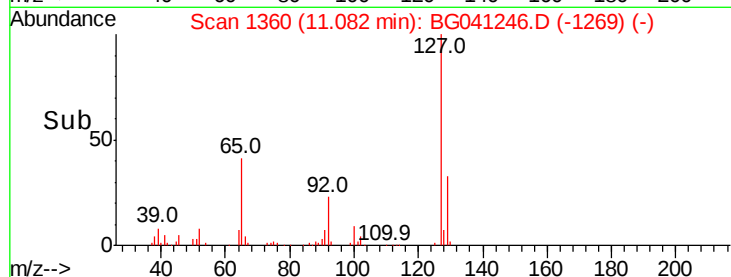
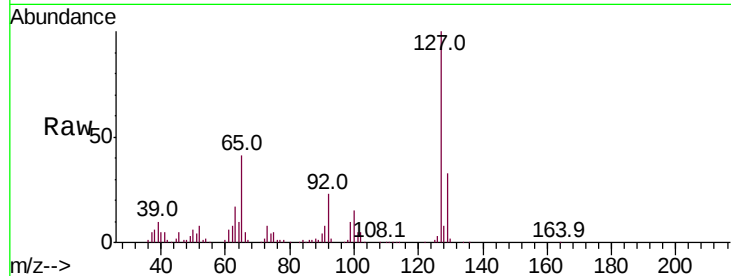
#33
4-Chloroaniline
Concen: 38.476 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	41.2	31.8	47.8
92	23.2	17.0	25.4

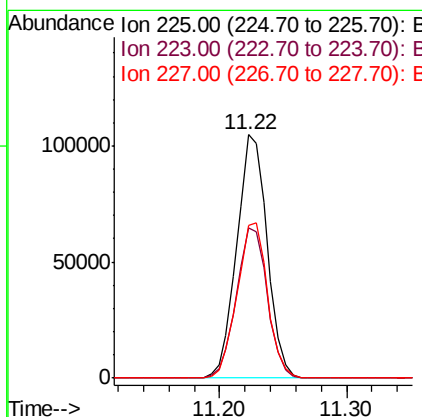
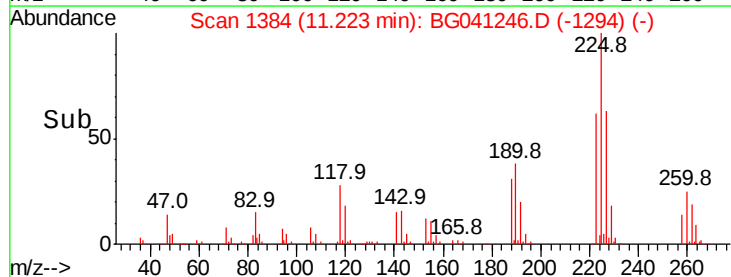
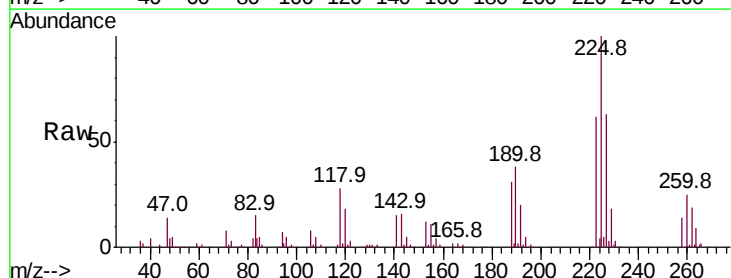
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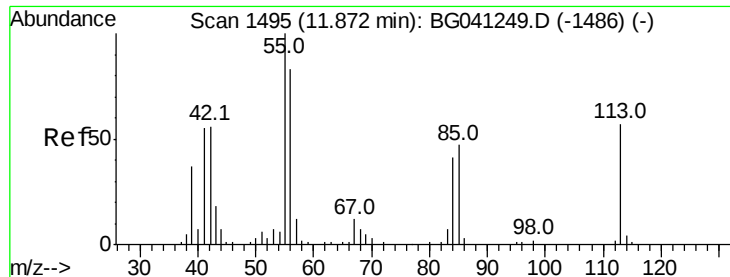
mohammad
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#34
Hexachlorobutadiene
Concen: 42.656 ng
RT: 11.22 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	62.5	51.0	76.4





#35

Caprolactam

Concen: 34.549 ng

RT: 11.89 min Scan# 1498

Delta R.T. 0.02 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 53355

Ion Ratio Lower Upper

113 100

55 172.9 155.8 195.8

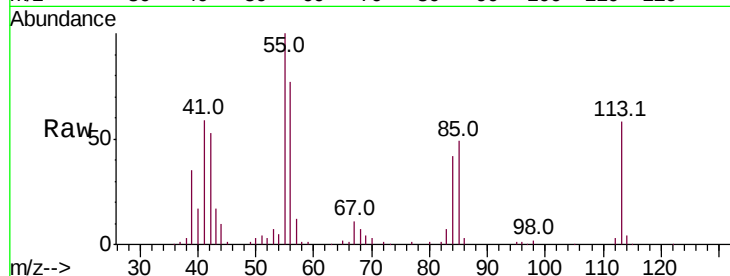
56 132.6 125.1 165.1

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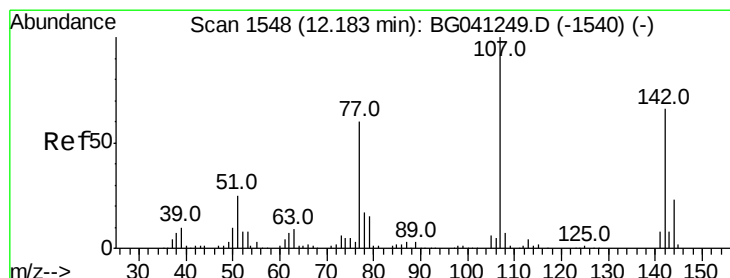
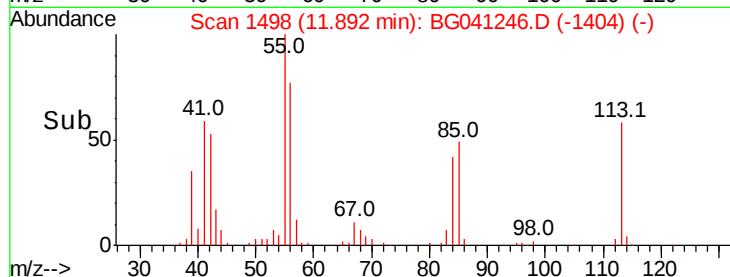
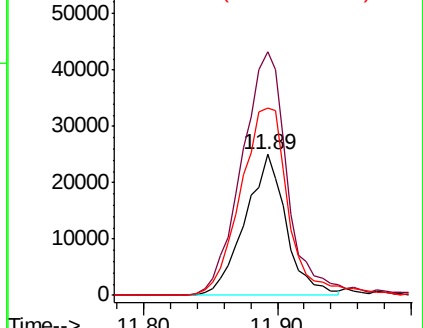
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.079 ng

RT: 12.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

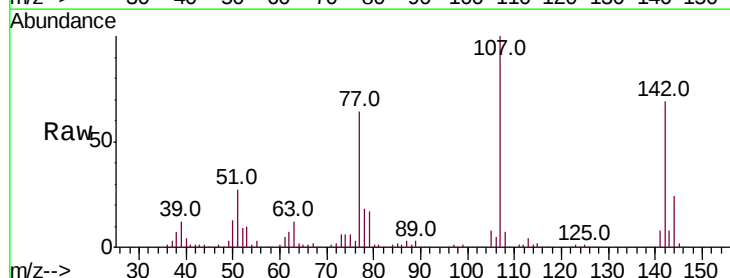
Tgt Ion:107 Resp: 198038

Ion Ratio Lower Upper

107 100

144 24.2 18.2 27.2

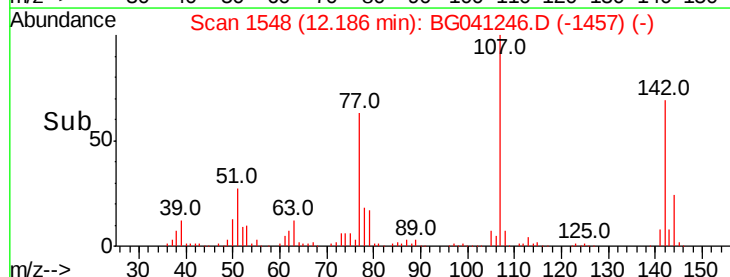
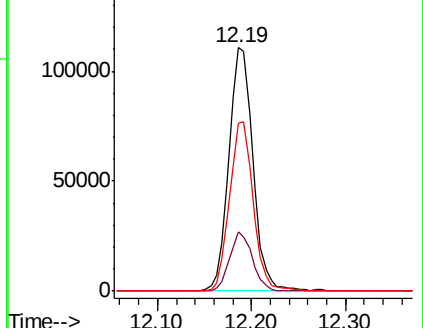
142 69.3 52.5 78.7

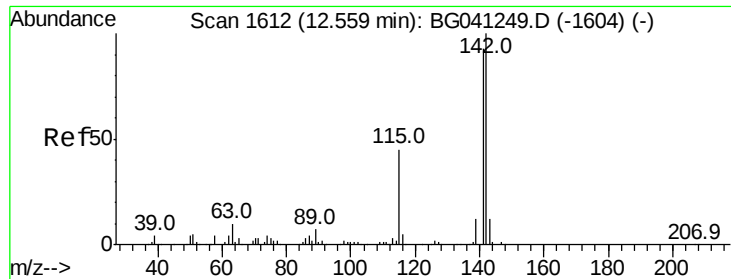


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





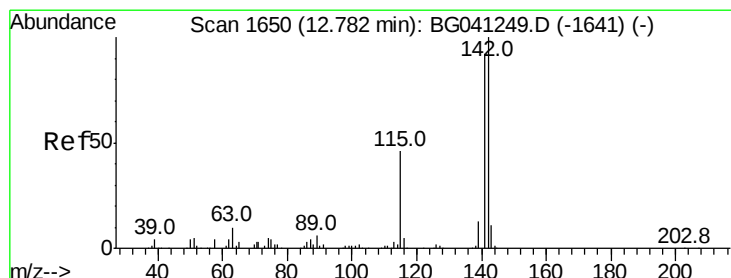
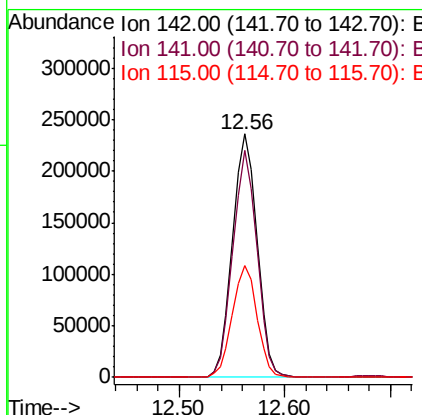
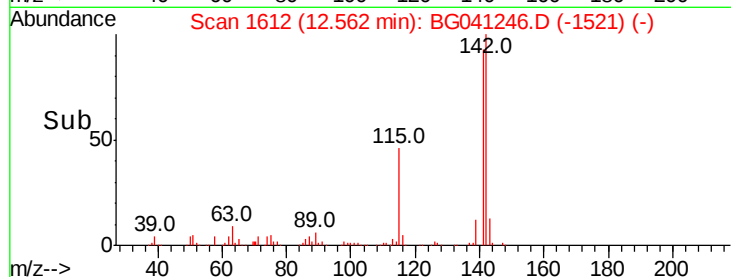
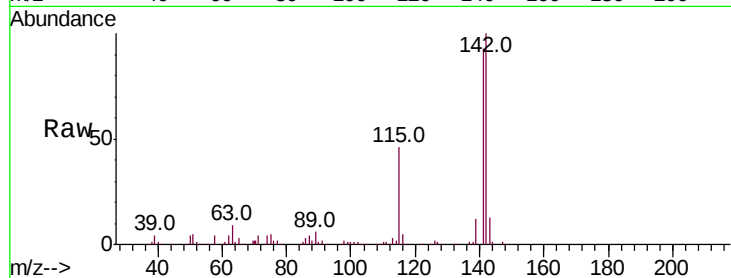
#37
2-Methylnaphthalene
Concen: 39.177 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.0	111.0
115	46.0	36.2	54.4

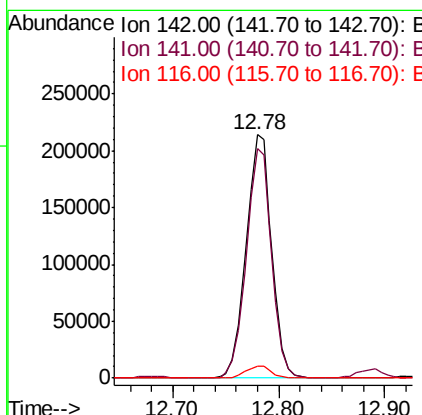
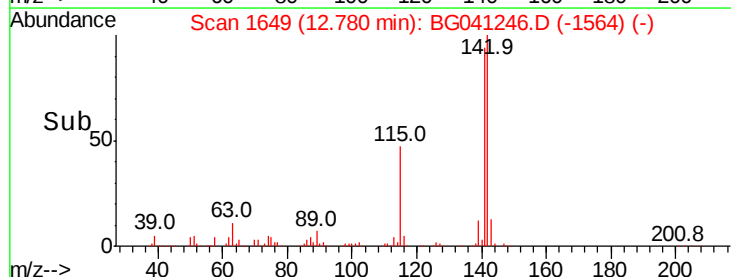
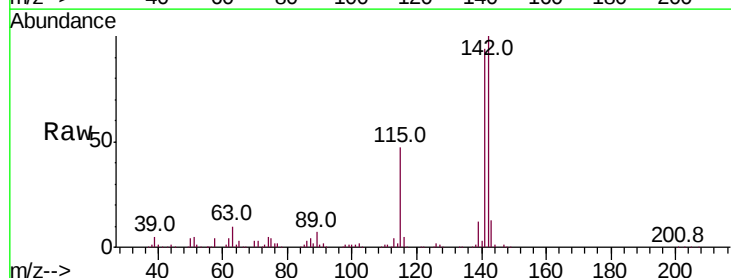
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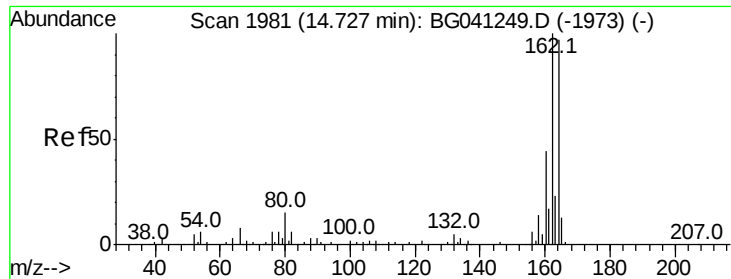
mohammad
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#38
1-Methylnaphthalene
Concen: 38.886 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.7	110.5
116	5.0	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 165535

Ion Ratio Lower Upper

164 100

162 104.5 82.6 124.0

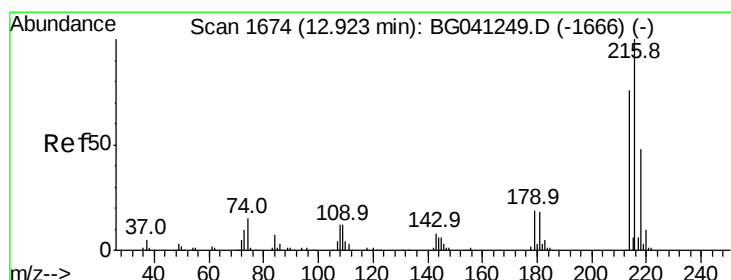
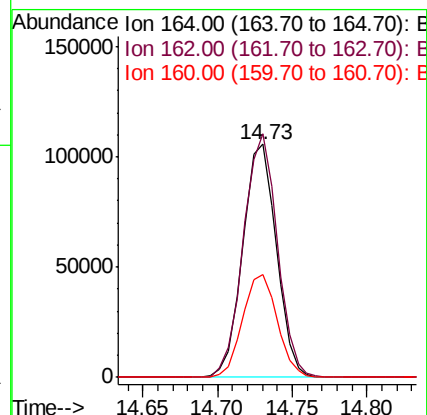
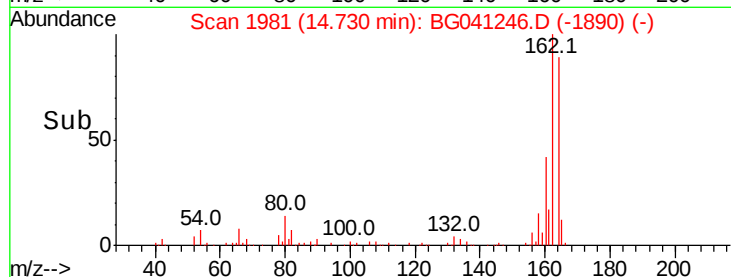
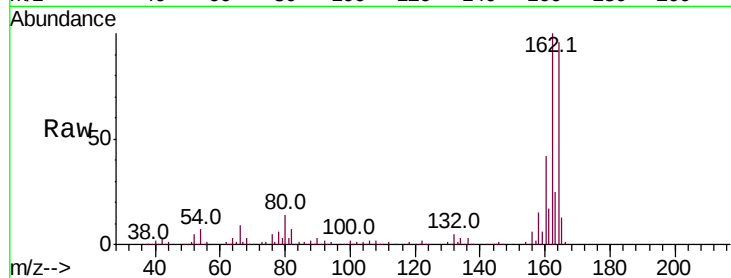
160 44.1 36.5 54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.638 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:216 Resp: 284478

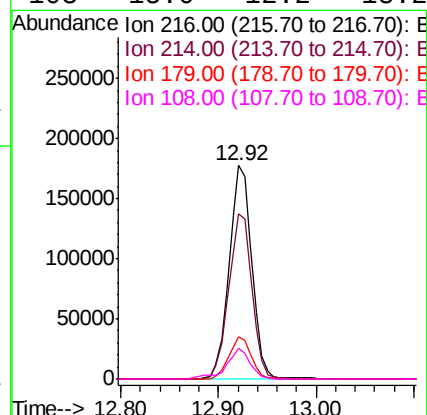
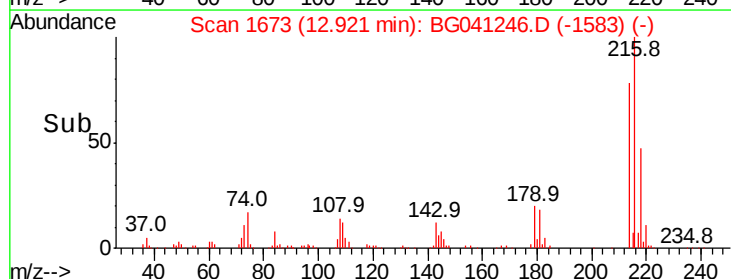
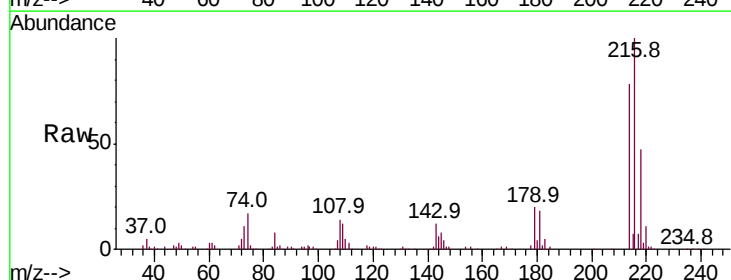
Ion Ratio Lower Upper

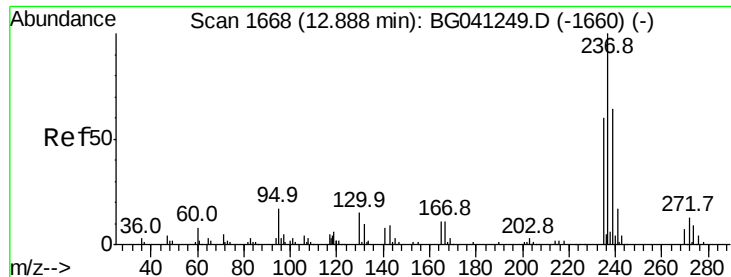
216 100

214 79.5 63.6 95.4

179 19.4 15.2 22.8

108 15.0 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 45.044 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

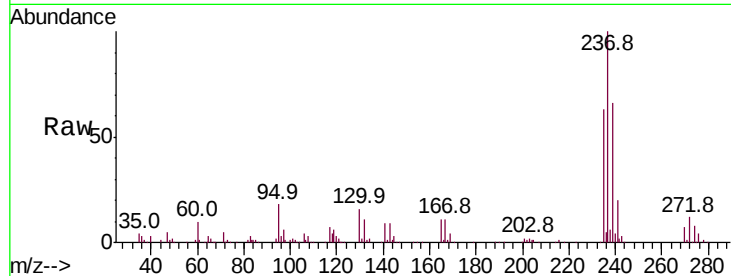
ClientSampleId :

SSTDCCC040

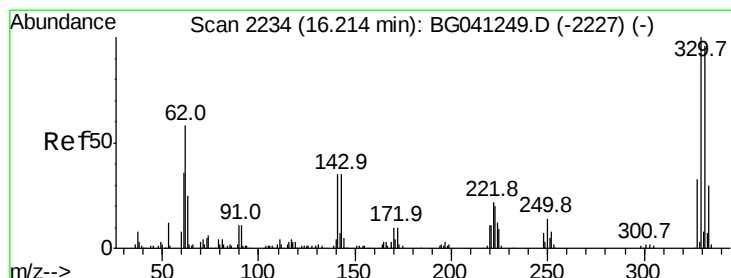
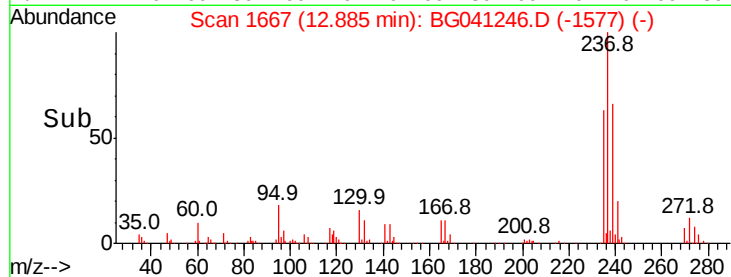
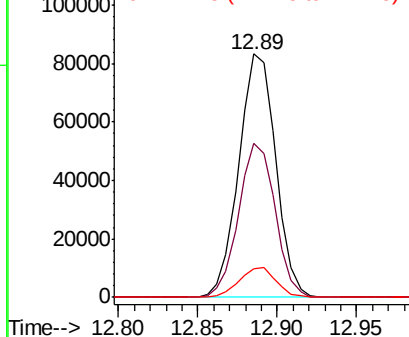
Tot Ion:	237	Resp:	134655
Ion Ratio	Lower	Upper	
237	100		
235	63.4	39.6	79.6
272	11.9	0.0	33.0

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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: 74.844 ng

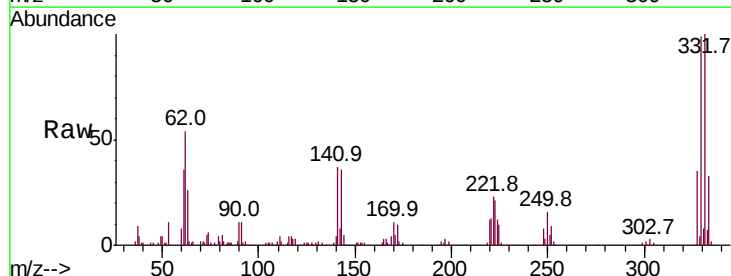
RT: 16.22 min Scan# 2234

Delta R.T. 0.00 min

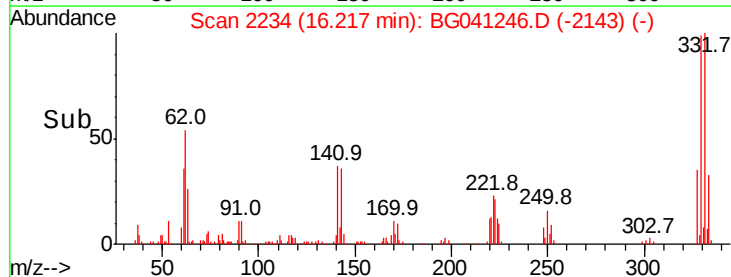
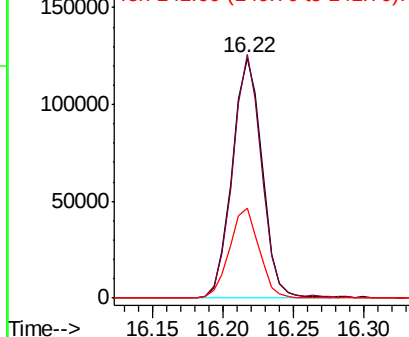
Lab File: BG041246.D

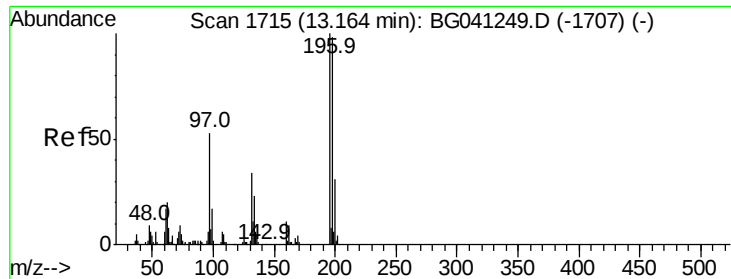
Acq: 14 Jun 2019 9:44

Tgt Ion:	330	Resp:	183928
Ion Ratio	Lower	Upper	
330	100		
332	98.7	75.0	112.6
141	37.5	29.5	44.3



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





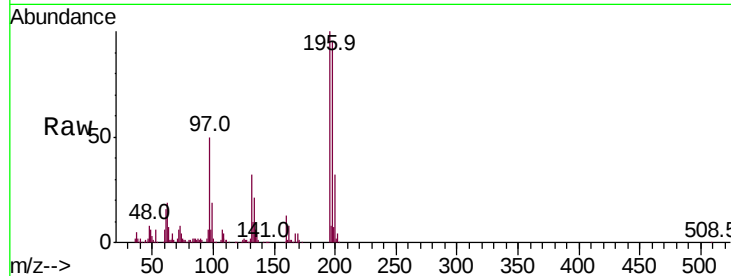
#43
2,4,6-Trichlorophenol
Concen: 41.019 ng
RT: 13.17 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.6	118.0
200	32.2	25.0	37.4

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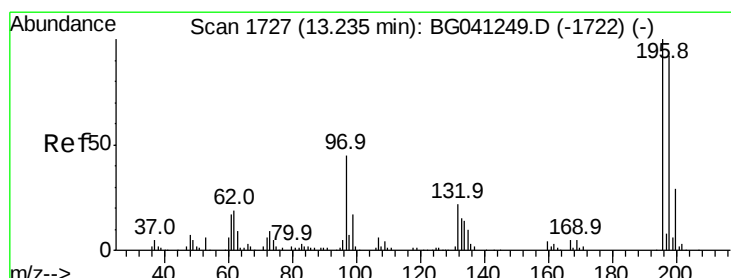
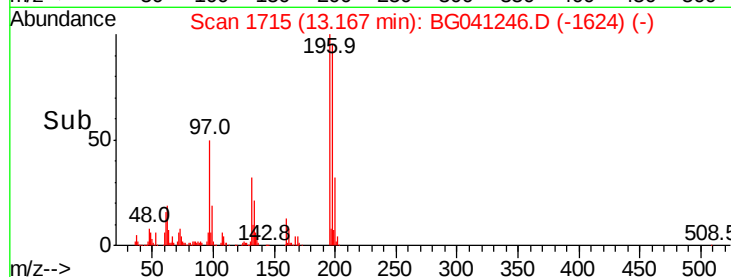
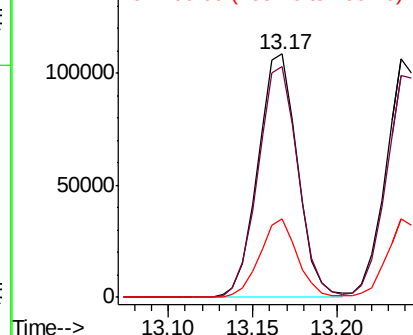


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 38.886 ng
RT: 13.24 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.3	111.5
97	45.1	36.2	54.4
132	22.4	18.2	27.4

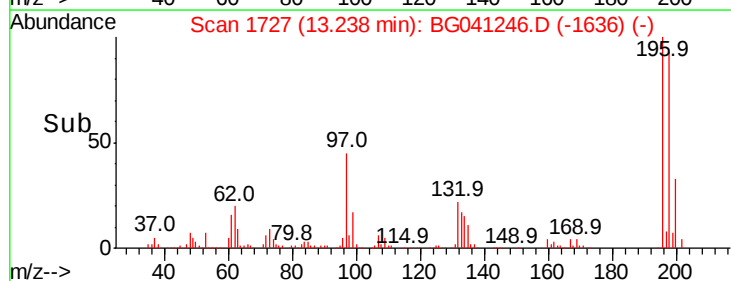
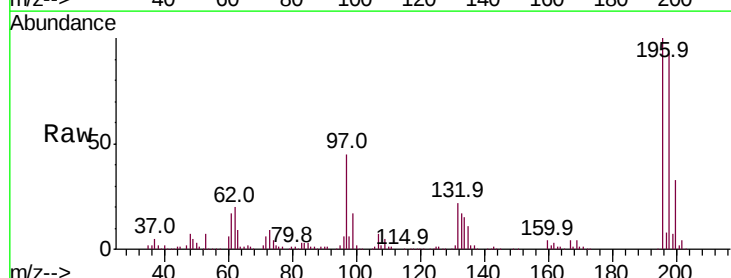
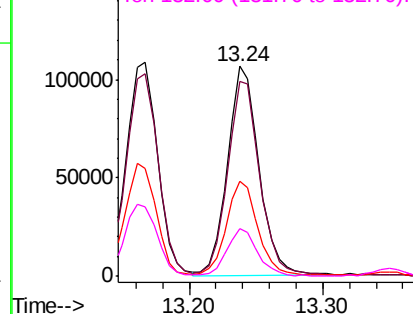
Abundance

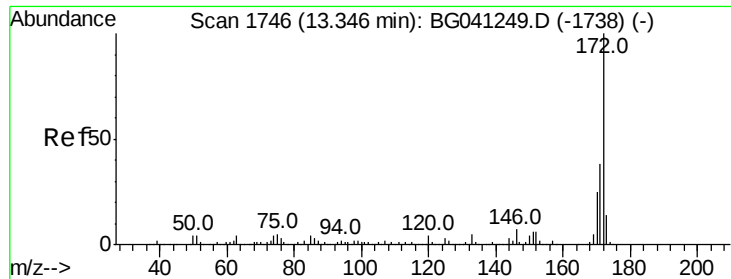
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





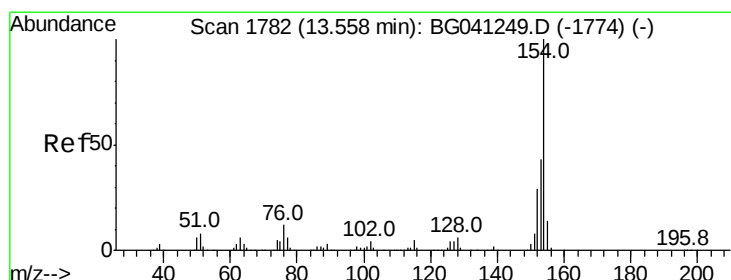
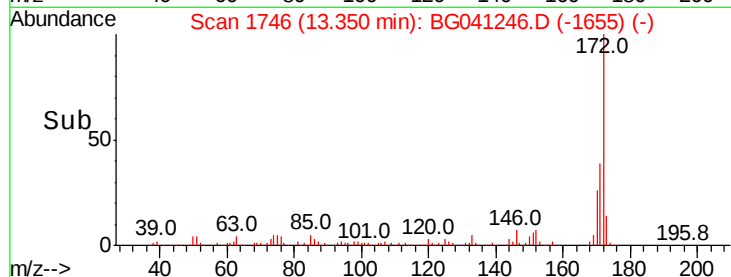
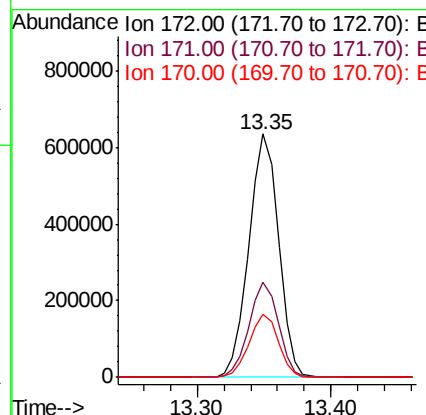
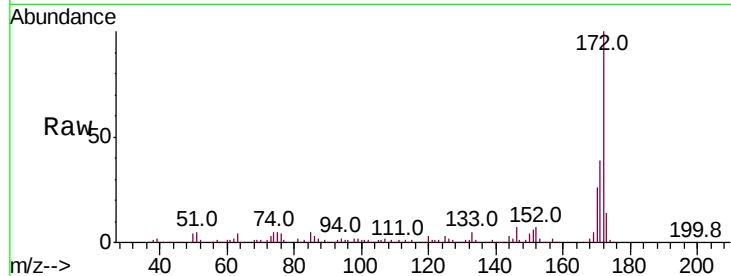
#45
2-Fluorobiphenyl
Concen: 84.658 ng
RT: 13.35 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.4	45.6
170	26.2	19.8	29.6

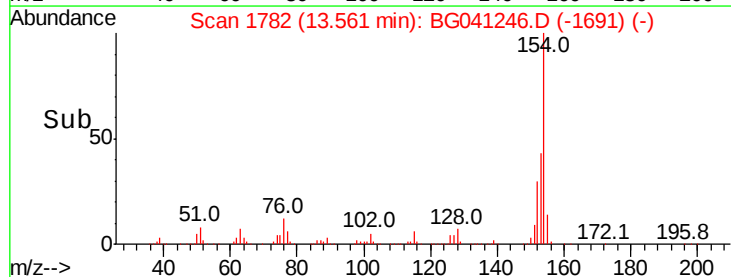
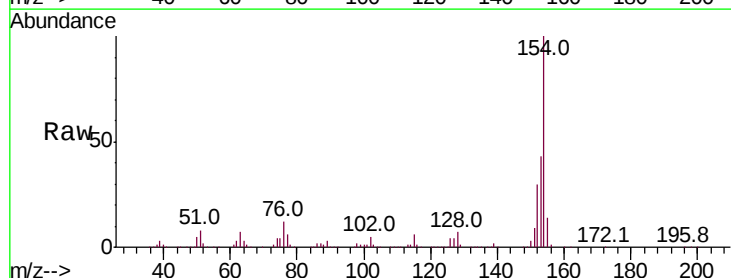
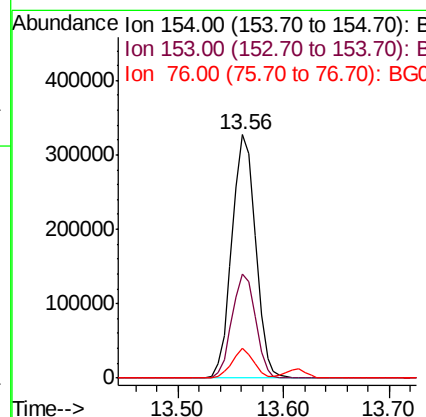
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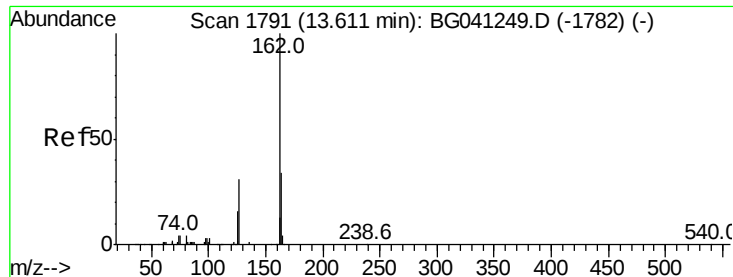
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#46
1,1'-Biphenyl
Concen: 41.443 ng
RT: 13.56 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.8	62.8
76	12.0	0.0	31.8





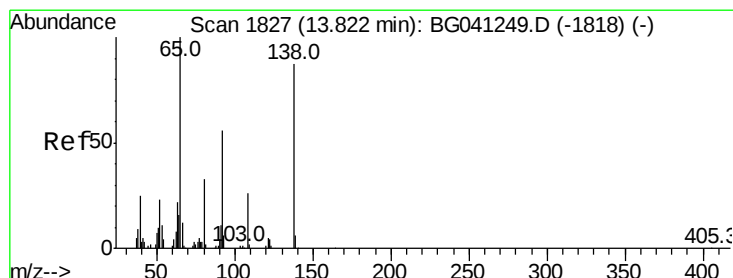
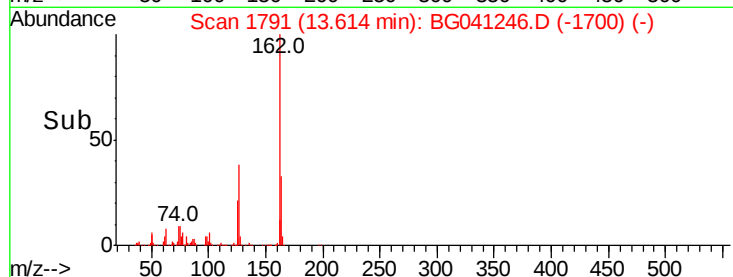
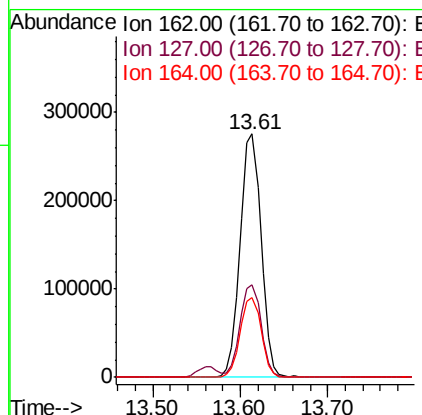
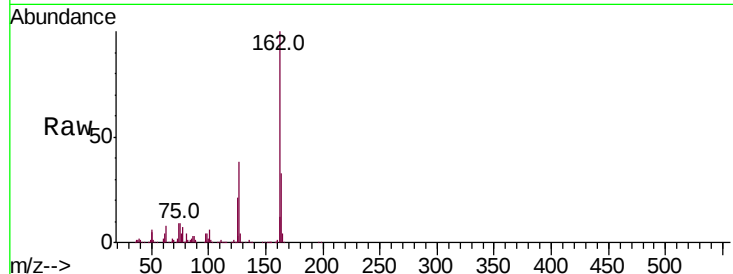
#47
2-Chloronaphthalene
Concen: 42.300 ng
RT: 13.61 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	28.5	42.7
164	32.9	27.0	40.6

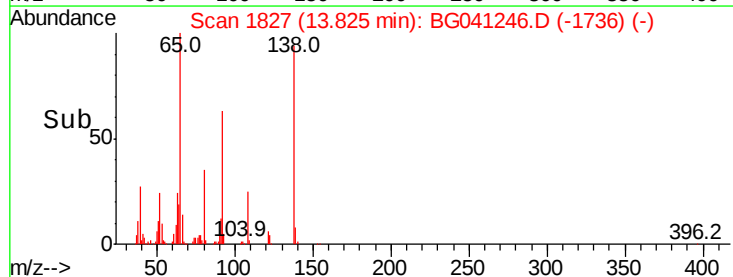
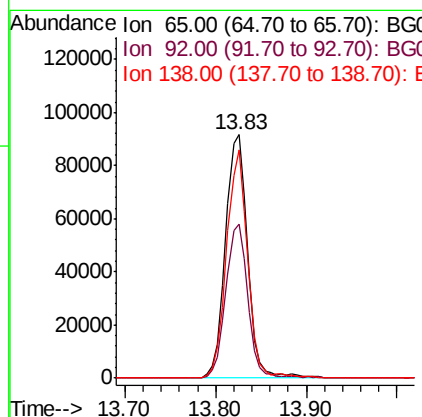
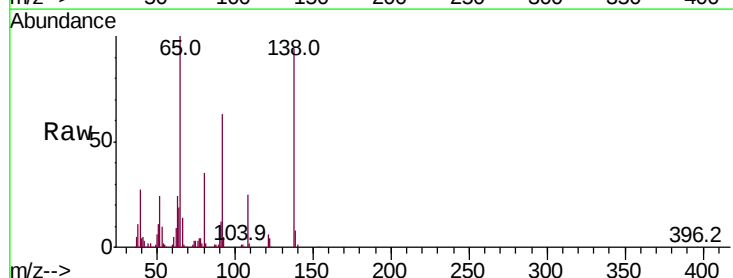
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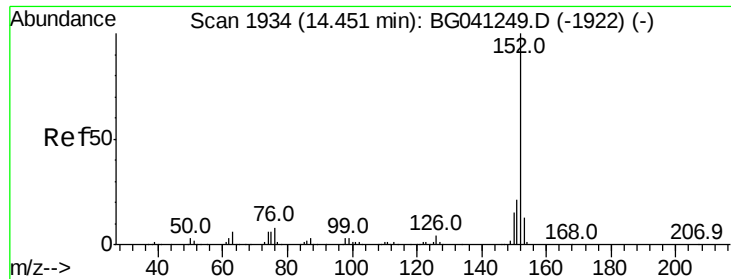
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#48
2-Nitroaniline
Concen: 41.220 ng
RT: 13.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	44.6	66.8
138	93.7	69.2	103.8





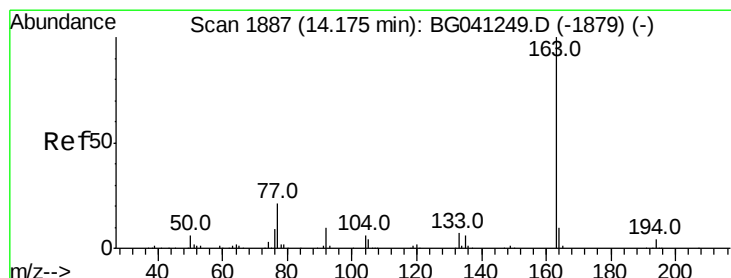
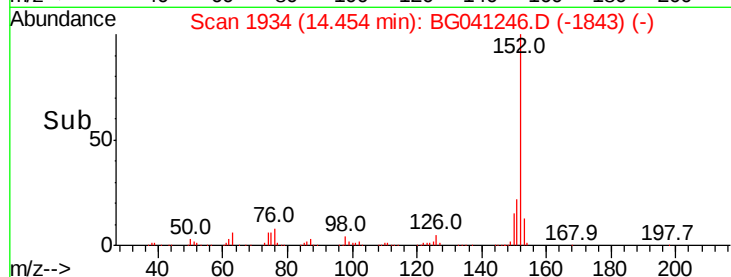
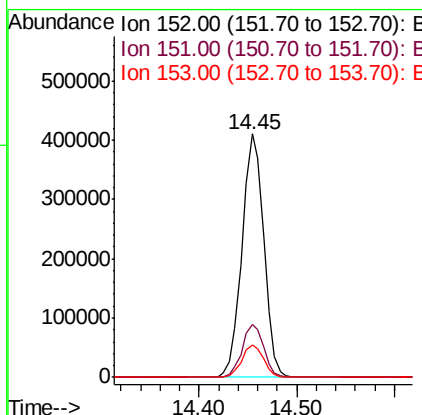
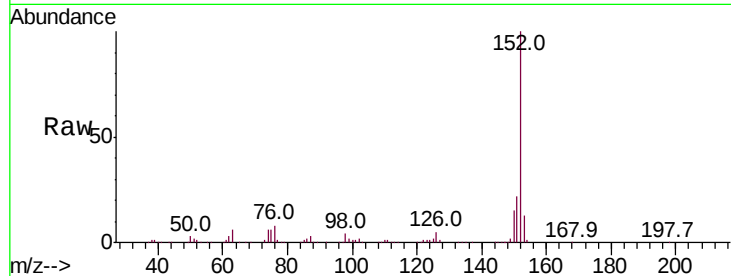
#49
Acenaphthylene
Concen: 40.332 ng
RT: 14.45 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.7	25.1
153	13.4	10.6	16.0

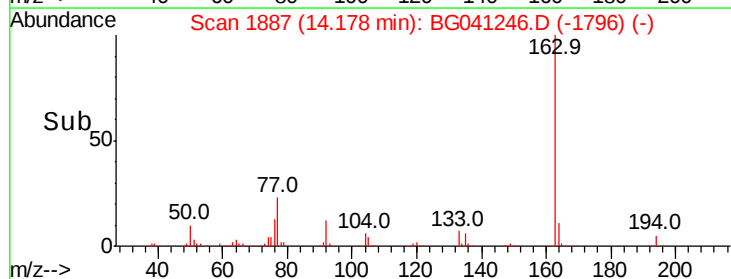
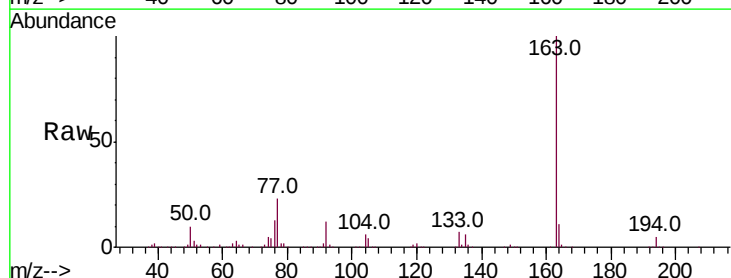
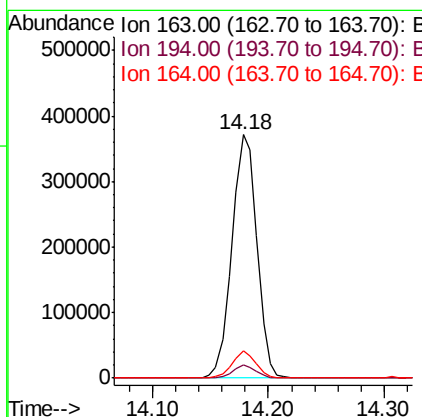
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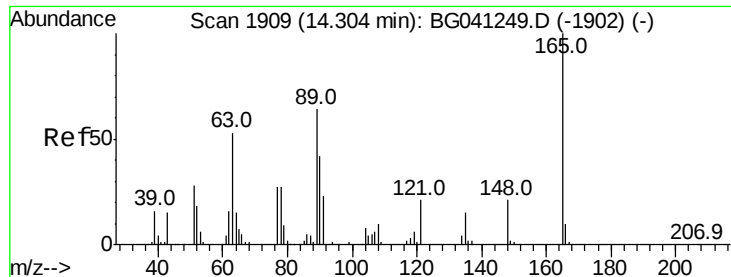
mohammad
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#50
Dimethylphthalate
Concen: 39.559 ng
RT: 14.18 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	11.2	8.4	12.6





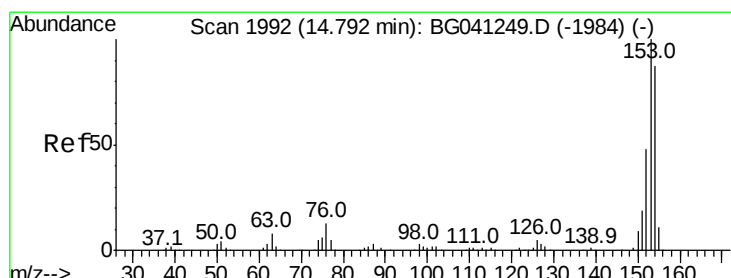
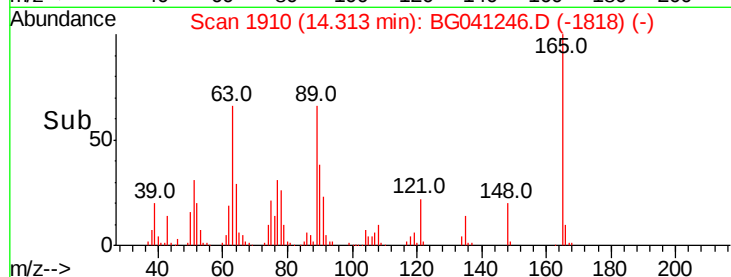
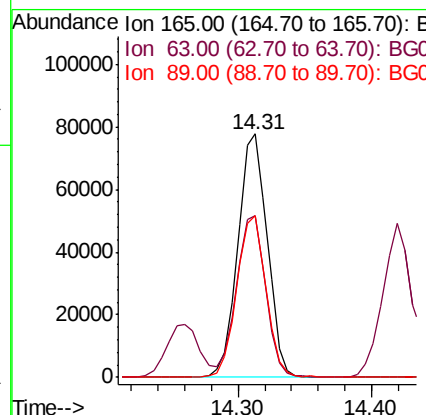
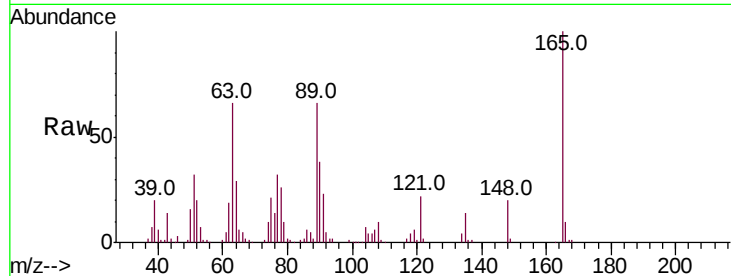
#51
2,6-Dinitrotoluene
Concen: 39.354 ng
RT: 14.31 min Scan# 1910
Delta R.T. 0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.2	53.8	80.8	
89	66.3	51.0	76.4	

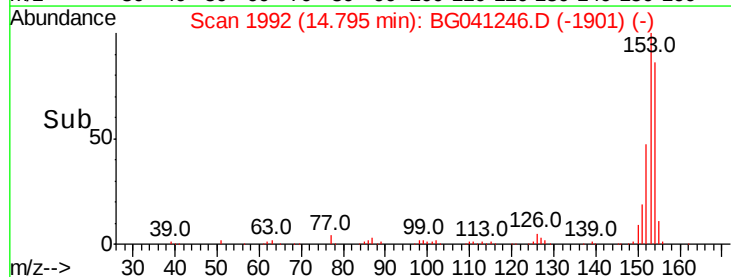
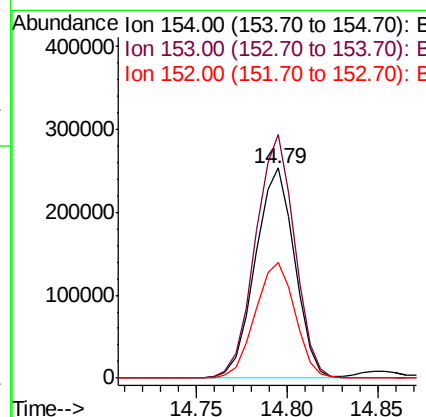
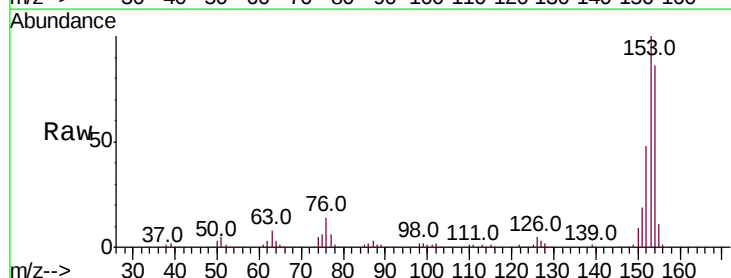
Manual Integrations
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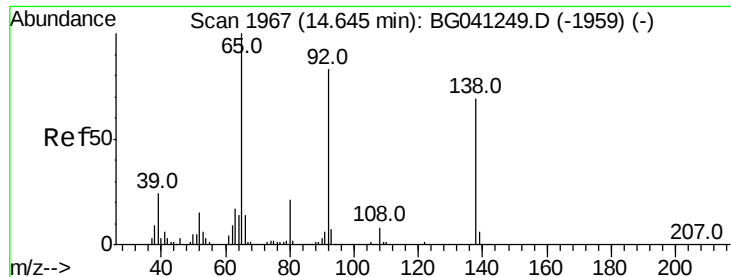
mohammad
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#52
Acenaphthene
Concen: 39.728 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	116.0	92.3	138.5	
152	55.2	44.0	66.0	





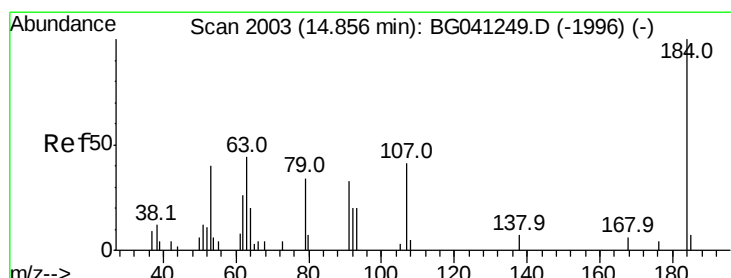
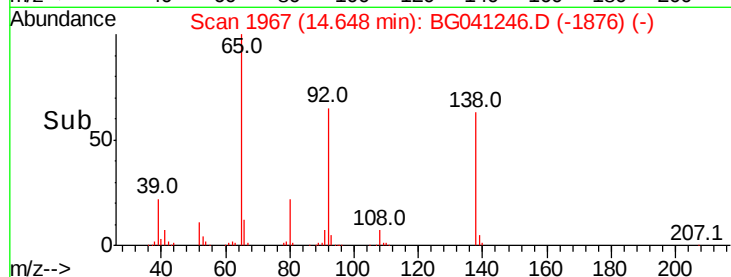
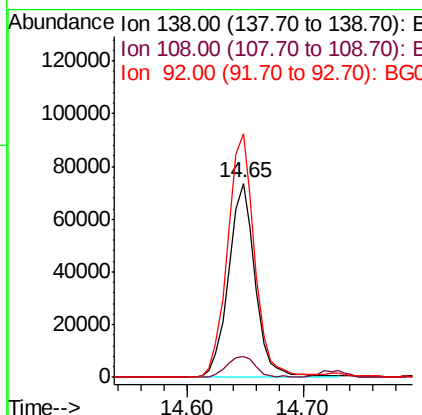
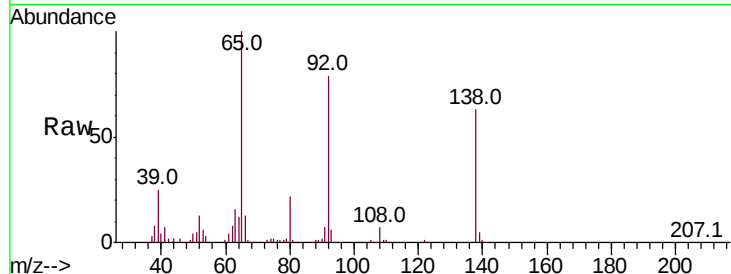
#53
3-Nitroaniline
Concen: 38.823 ng
RT: 14.65 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.8	13.2
92	125.4	96.8	145.2

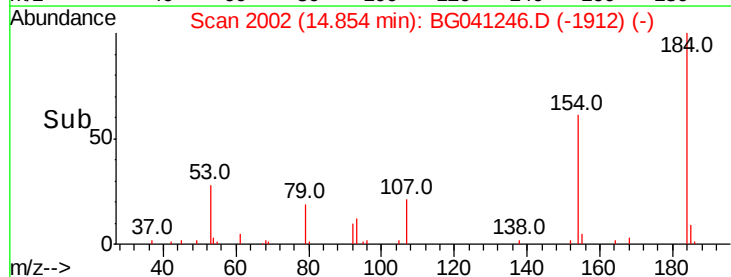
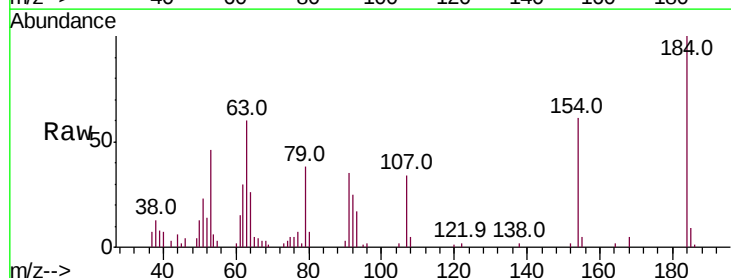
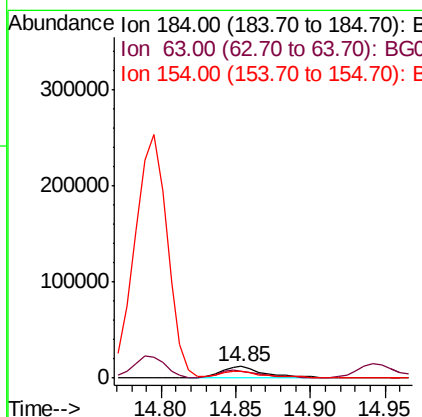
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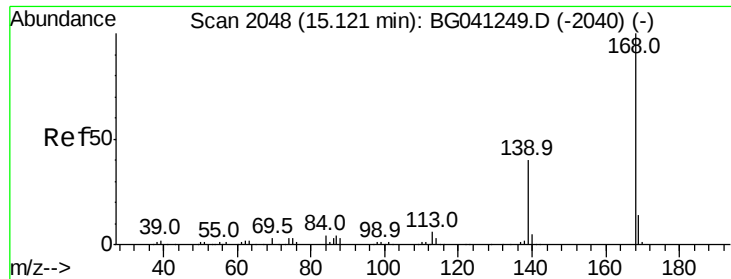
mohammad
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#54
2,4-Dinitrophenol
Concen: 20.884 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.5	43.2	64.8
154	61.3	43.1	64.7





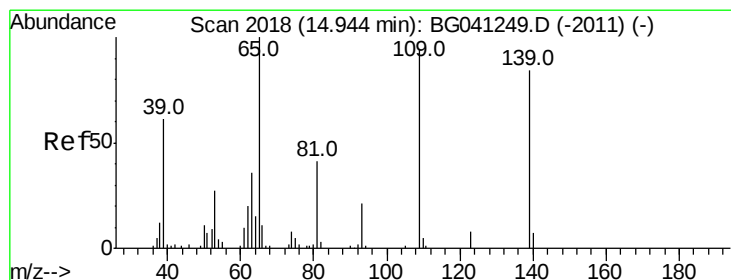
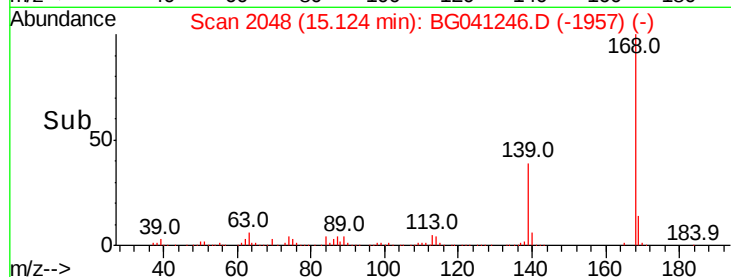
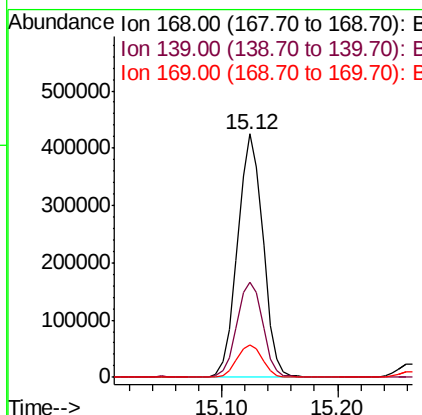
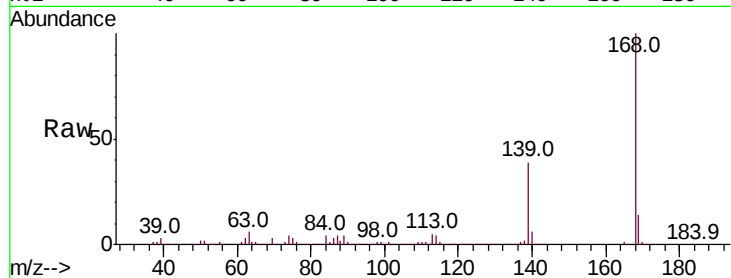
#55
Dibenzenofuran
Concen: 40.151 ng
RT: 15.12 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.0	48.0
169	13.6	11.2	16.8

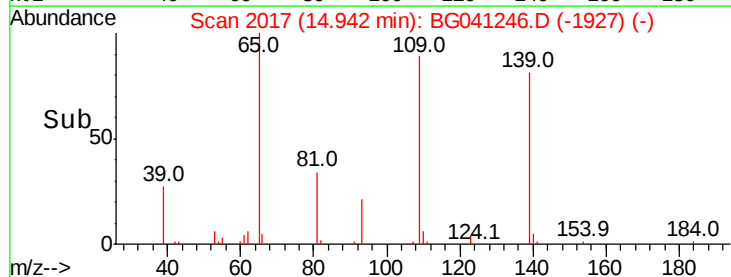
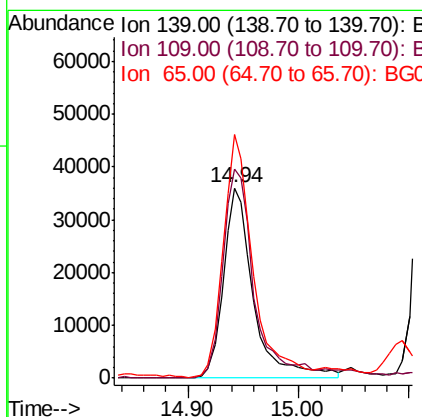
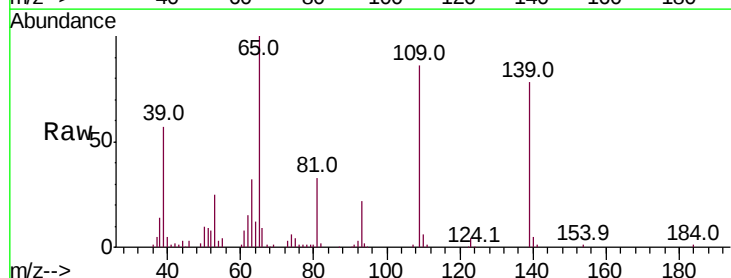
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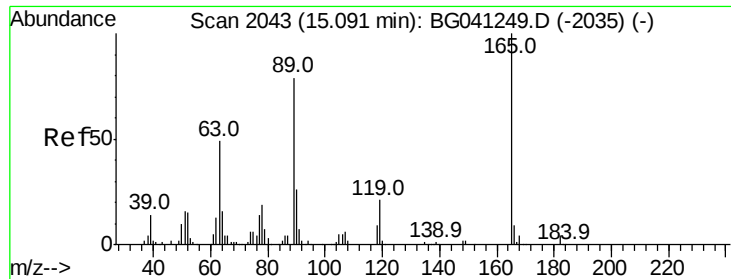
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#56
4-Nitrophenol
Concen: 33.082 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.7	92.6	132.6
65	127.8	101.0	141.0





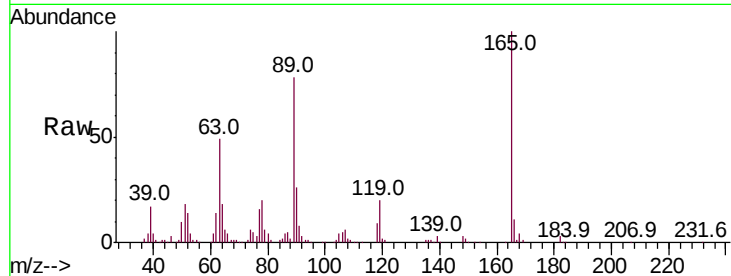
#57
2,4-Dinitrotoluene
Concen: 39.351 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

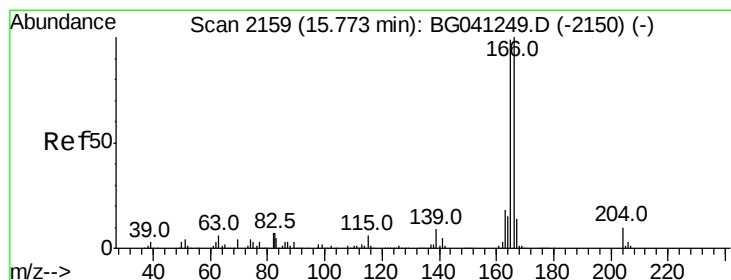
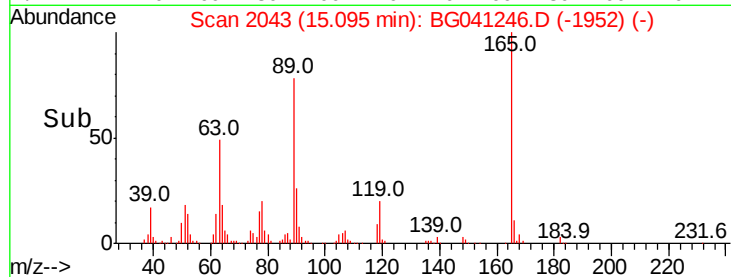
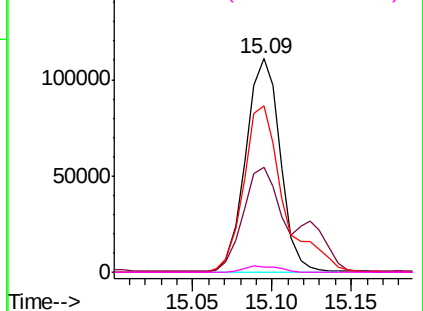
Tot Ion	Ratio	Resp	Lower	Upper
165	100	167940		
63	49.5		39.4	59.2
89	77.9		62.8	94.2
182	2.7		2.8	4.2#

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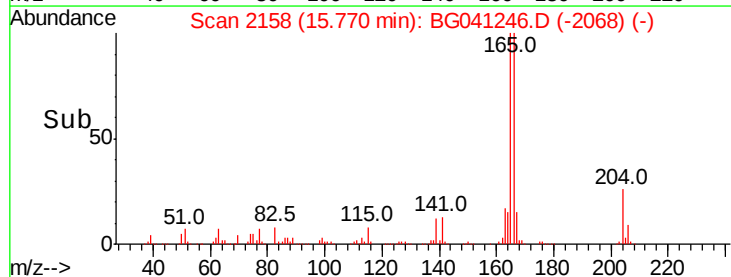
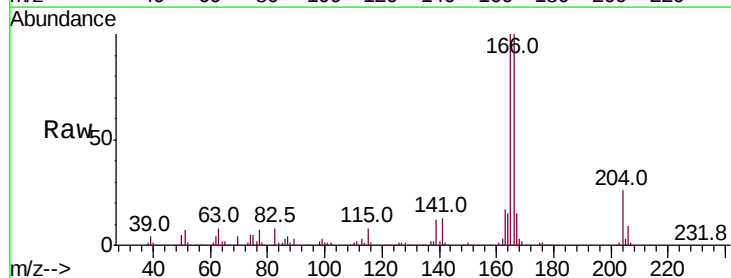
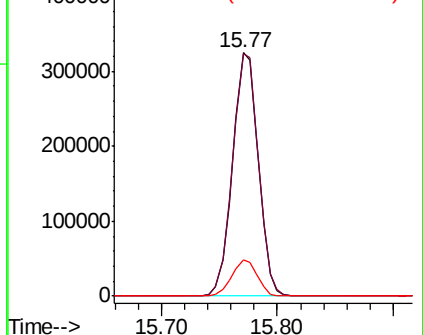
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

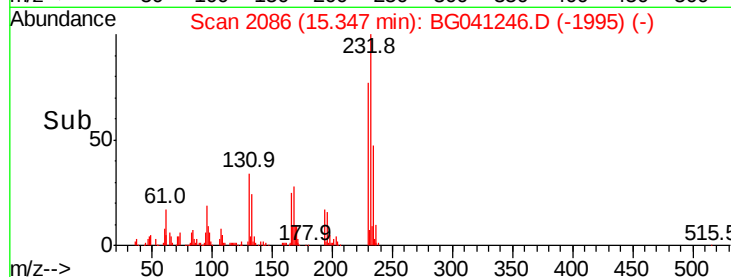
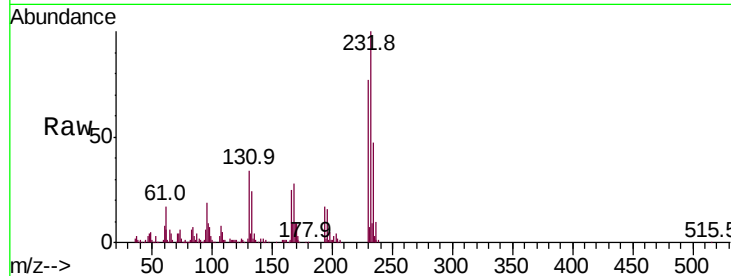
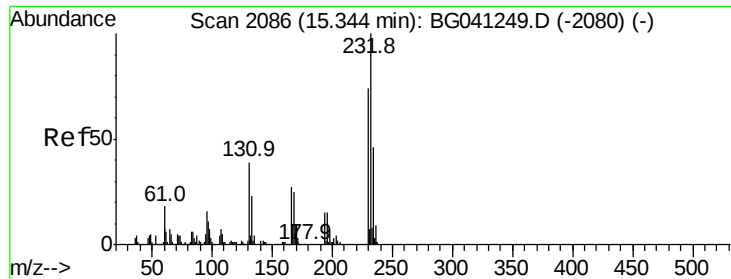


#58
Fluorene
Concen: 38.868 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	499540		
165	99.7		79.4	119.0
167	15.0		11.1	16.7

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





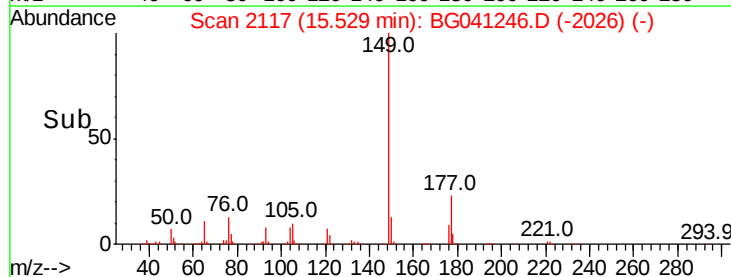
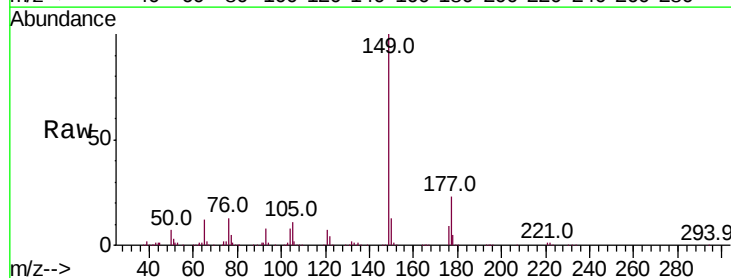
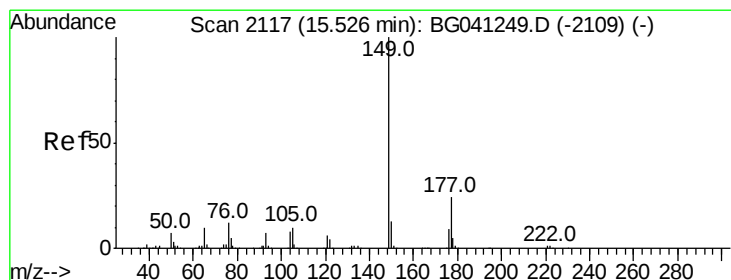
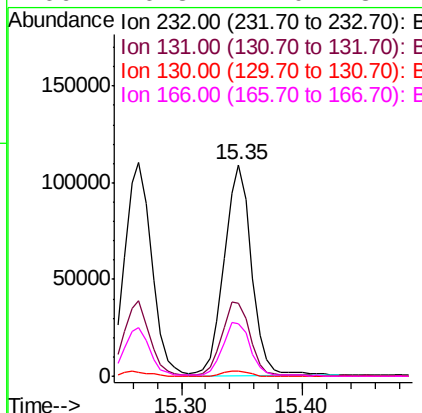
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.327 ng
RT: 15.35 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.3	30.3	45.5
130	2.4	1.8	2.8
166	26.3	21.0	31.4

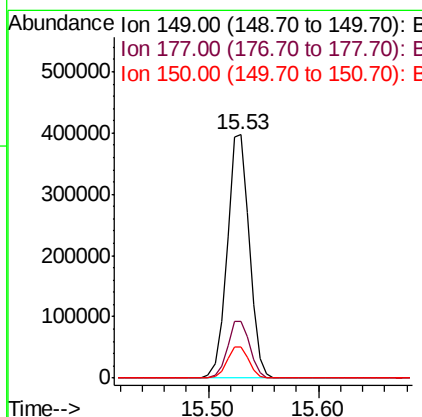
Manual Integrations
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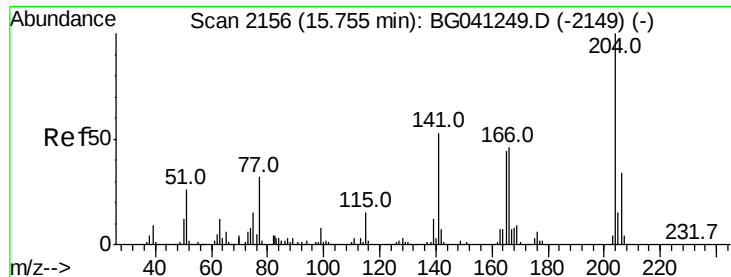
mohammad
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#60
Diethylphthalate
Concen: 38.956 ng
RT: 15.53 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.0	28.4
150	12.7	10.6	16.0





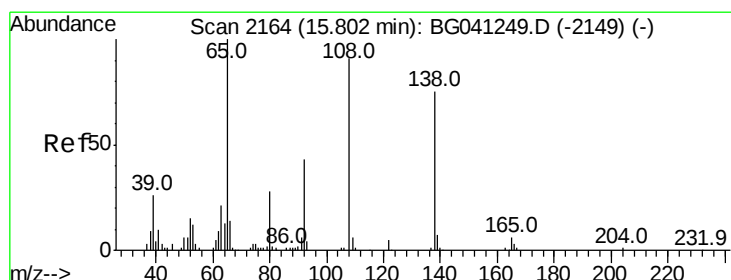
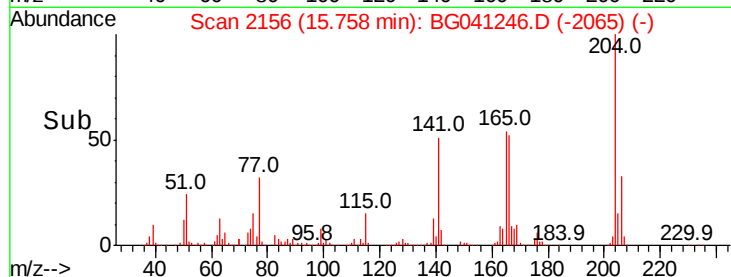
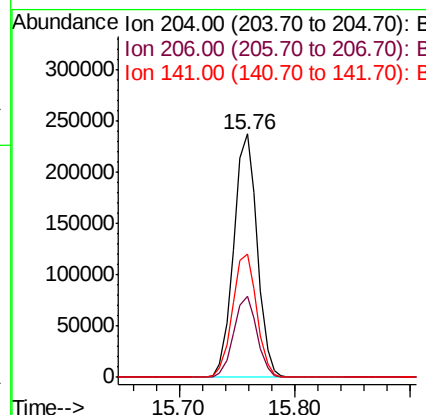
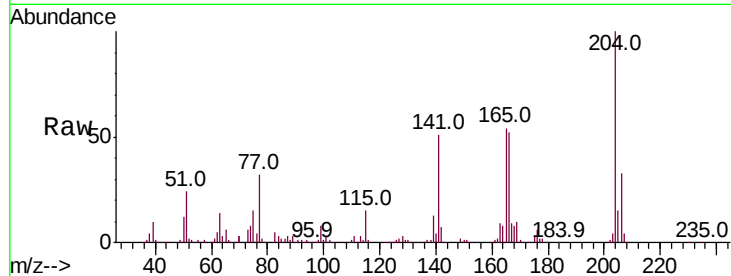
#61
4-Chlorophenyl-phenylether
Concen: 39.951 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.3	40.9
141	50.8	42.6	63.8

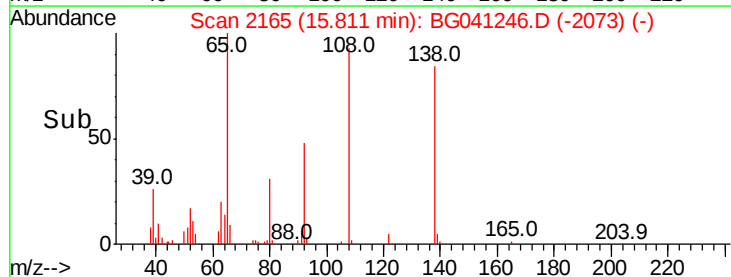
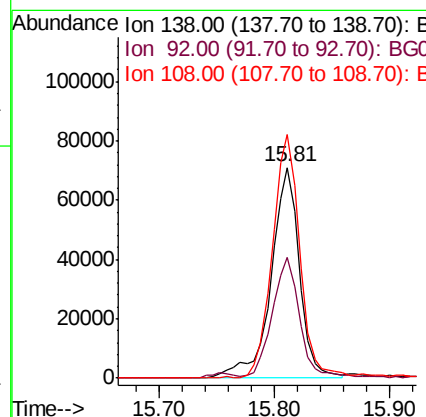
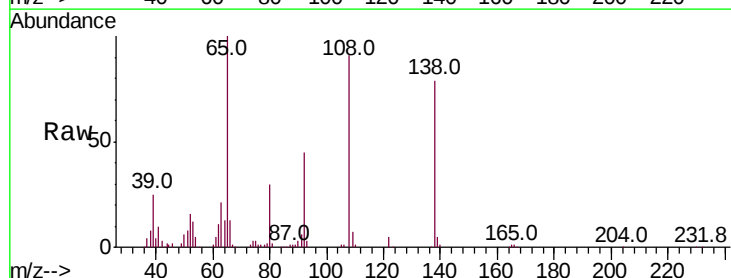
Manual Integrations
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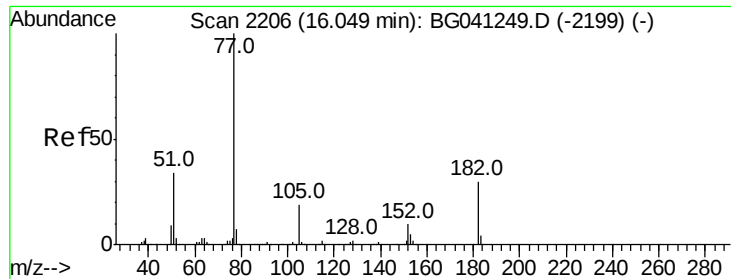
mohammad
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#62
4-Nitroaniline
Concen: 38.244 ng
RT: 15.81 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	36.9	76.9
108	115.7	100.3	140.3





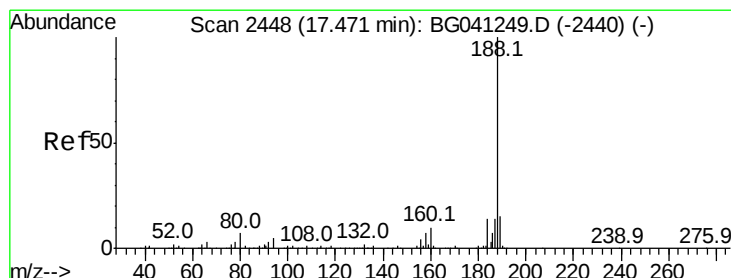
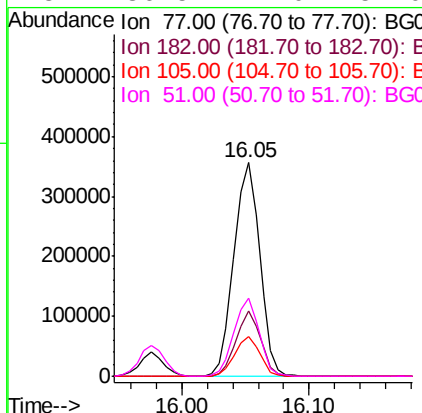
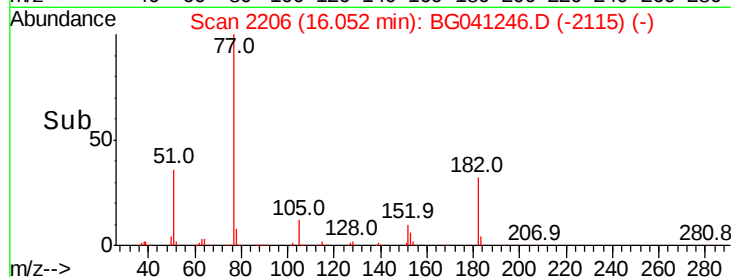
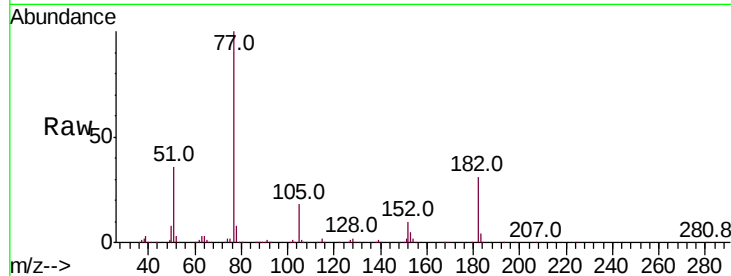
#63
Azobenzene
Concen: 38.556 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.5	9.9	49.9	
105	18.3	0.0	38.7	
51	36.5	14.0	54.0	

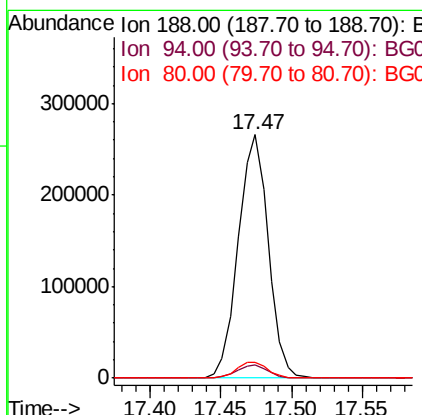
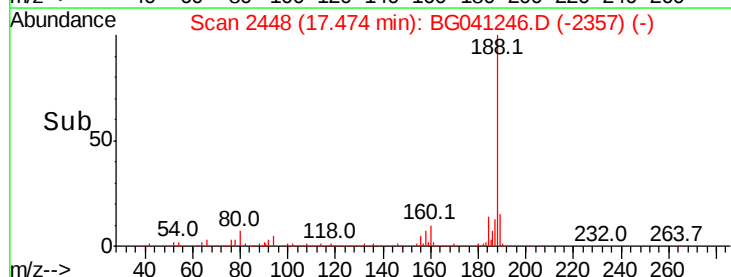
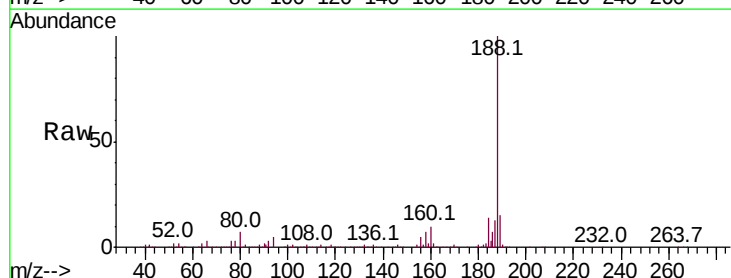
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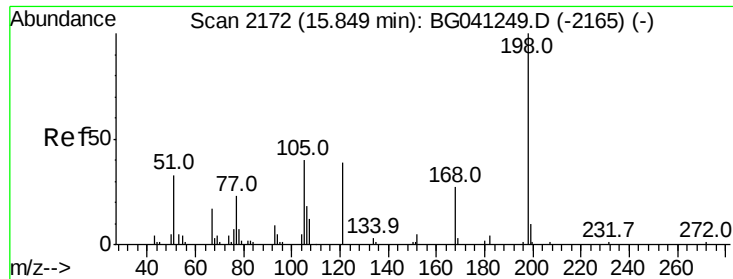
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.4	4.0	6.0	
80	6.7	5.5	8.3	





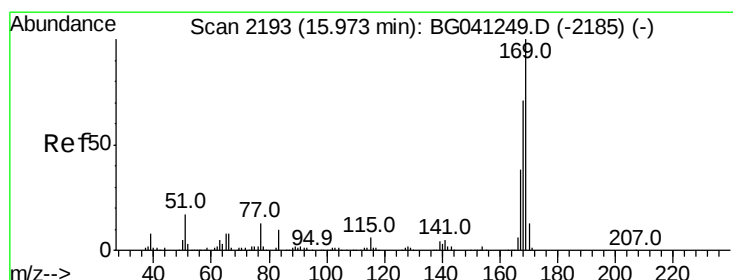
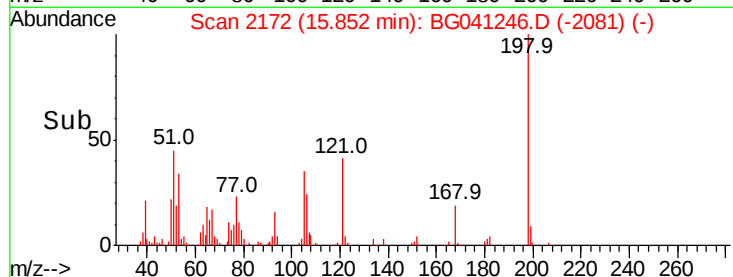
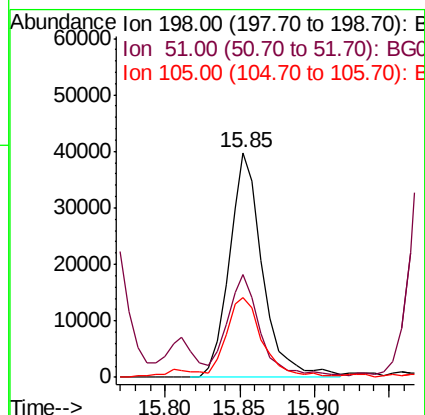
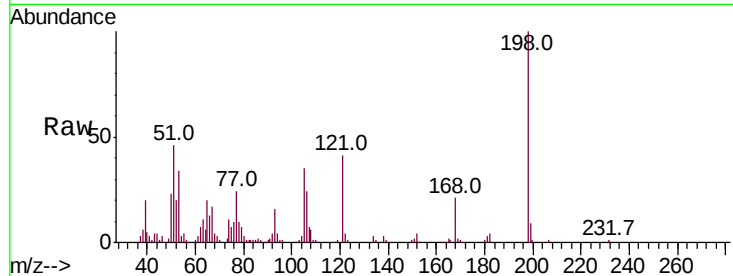
#65
4,6-Dinitro-2-methylphenol
Concen: 32.750 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	62045		
51	46.1		28.0	68.0
105	35.4		22.9	62.9

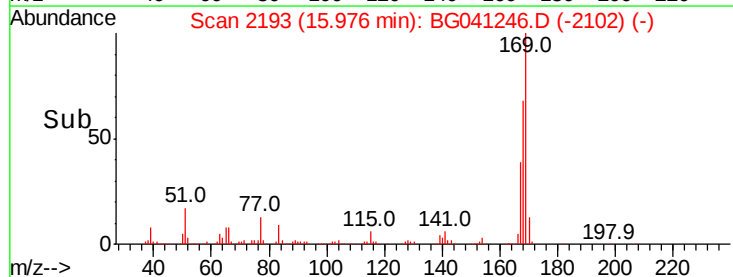
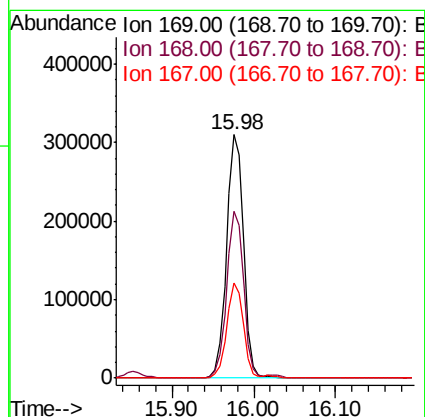
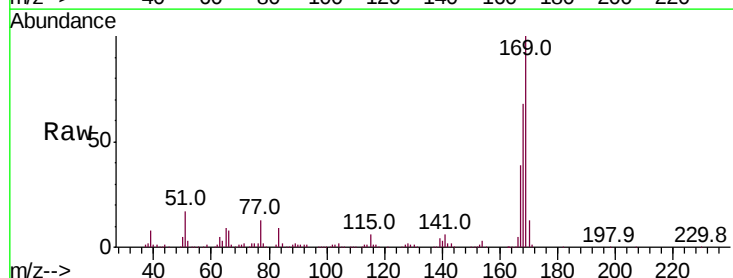
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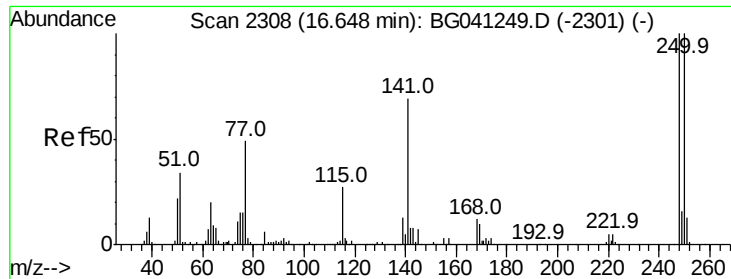
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#66
n-Nitrosodiphenylamine
Concen: 40.080 ng
RT: 15.98 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	444877		
168	68.3		56.9	85.3
167	39.2		30.5	45.7





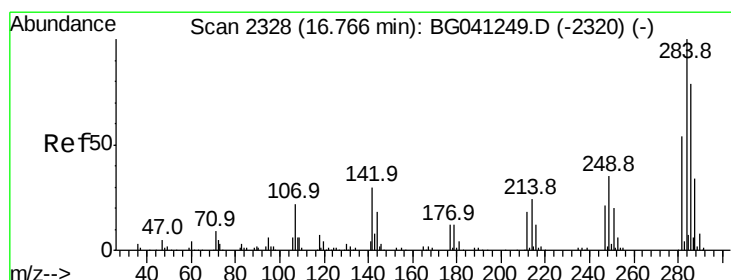
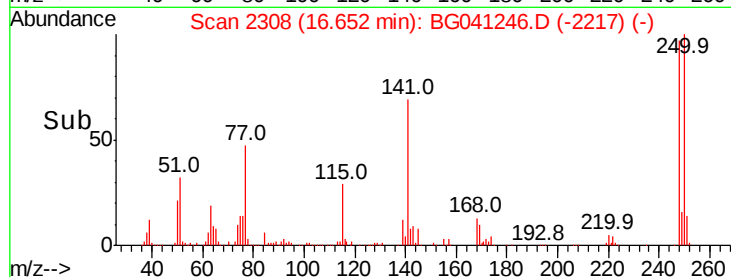
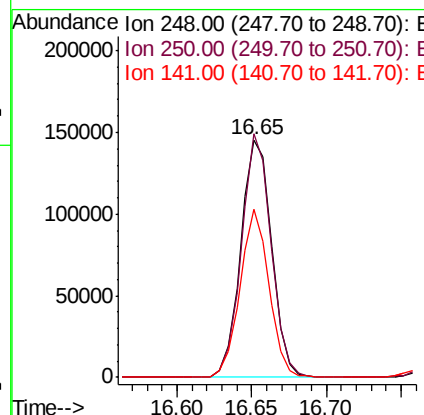
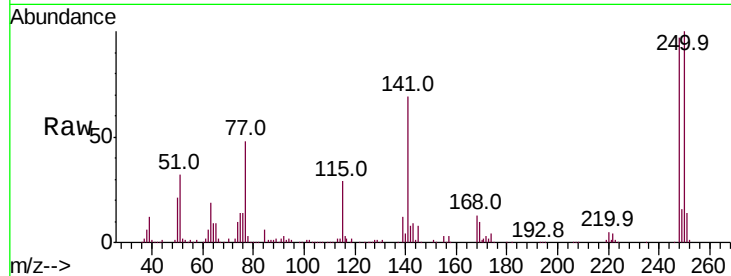
#67
 4-Bromophenyl-phenylether
 Concen: 39.174 ng
 RT: 16.65 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.6	80.0	120.0
141	71.0	55.5	83.3

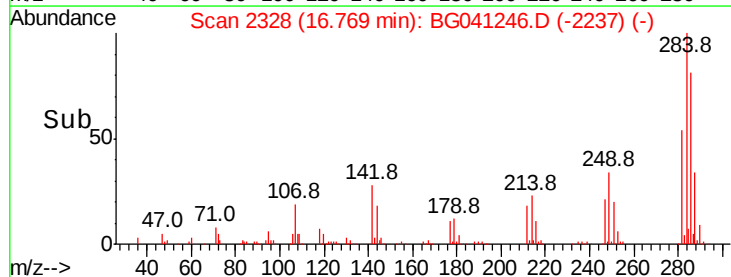
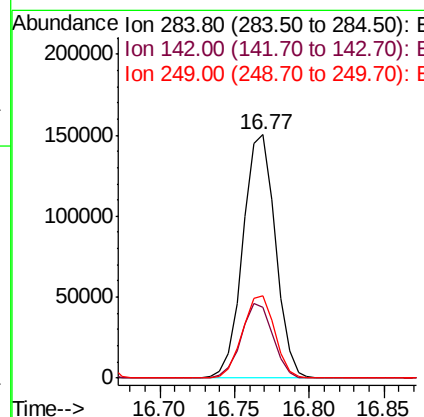
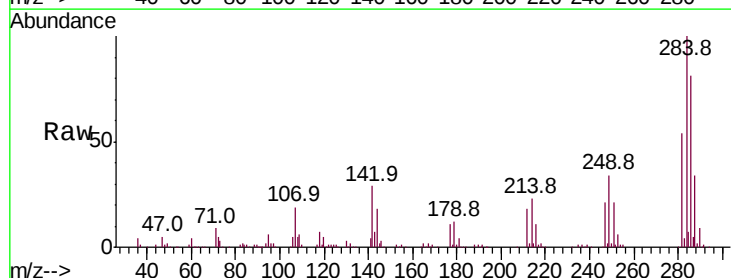
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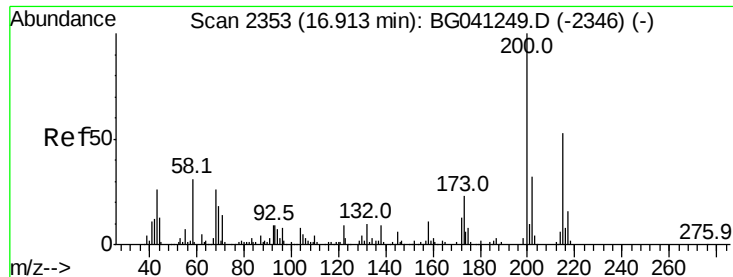
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#68
 Hexachlorobenzene
 Concen: 39.947 ng
 RT: 16.77 min Scan# 2328
 Delta R.T. 0.00 min
 Lab File: BG041246.D
 Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.2	36.4
249	34.0	28.2	42.2





#69

Atrazine

Concen: 38.307 ng

RT: 16.92 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

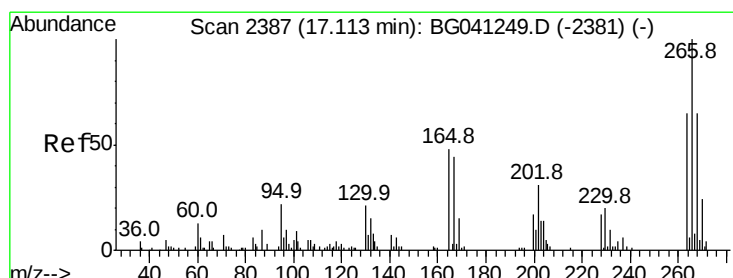
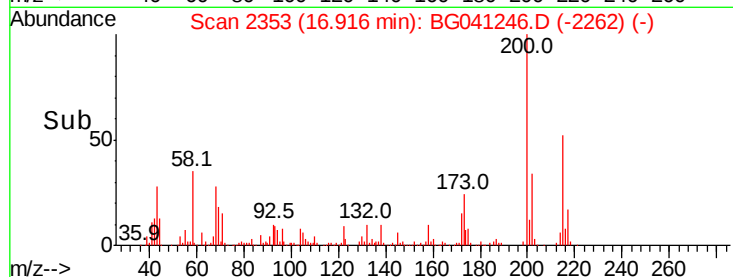
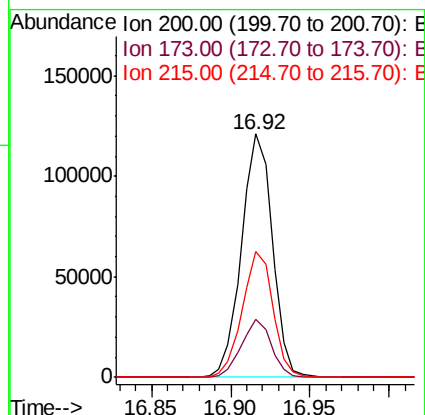
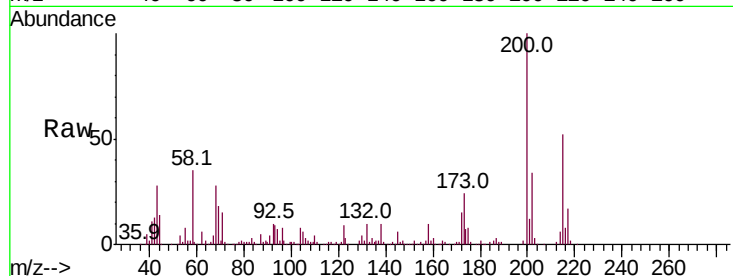
ClientSampleId :

SSTDCCC040

Tot Ion:	200	Resp:	164062
Ion Ratio	Lower	Upper	
200	100		
173	23.7	3.2	43.2
215	51.9	33.2	73.2

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#70

Pentachlorophenol

Concen: 34.880 ng

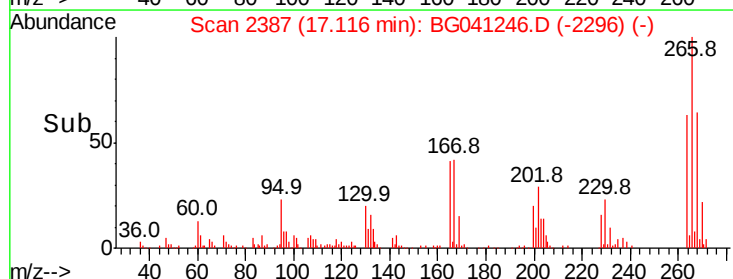
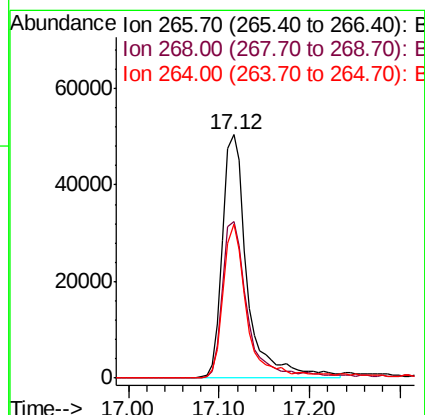
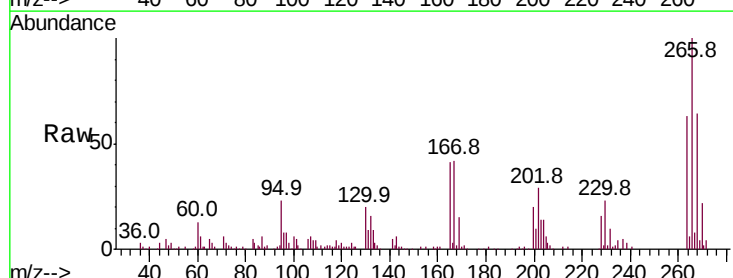
RT: 17.12 min Scan# 2387

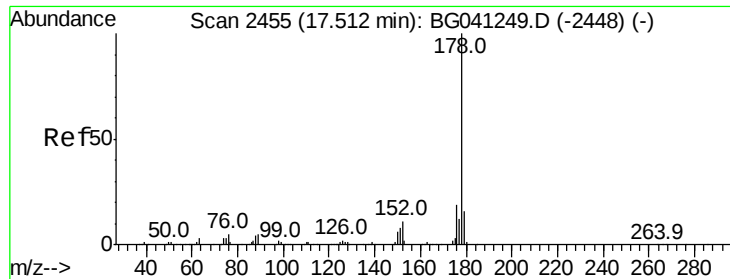
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:	266	Resp:	95911
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.7	77.5
264	63.5	51.8	77.8





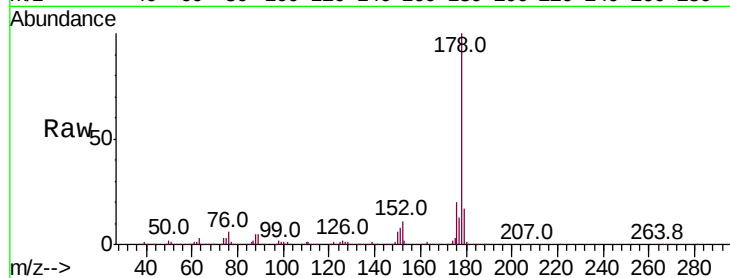
#71
Phenanthrene
Concen: 40.219 ng
RT: 17.52 min Scan# 2455
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

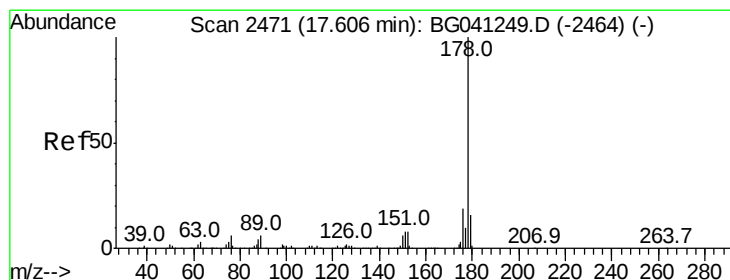
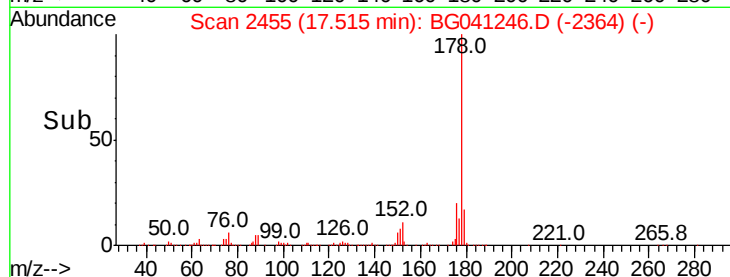
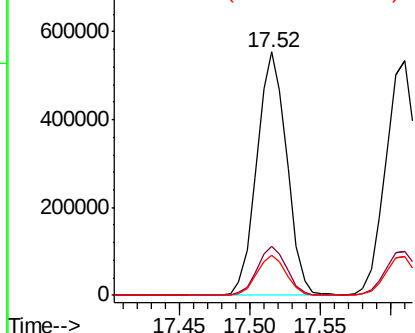
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.5	13.0	19.6

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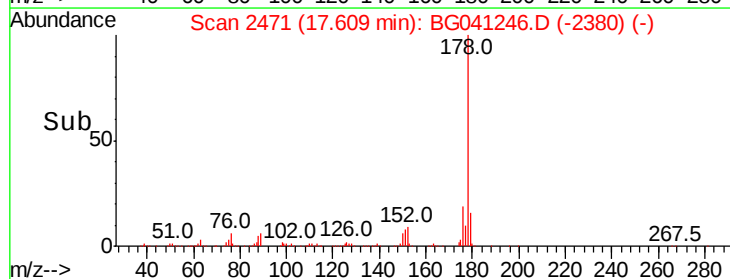
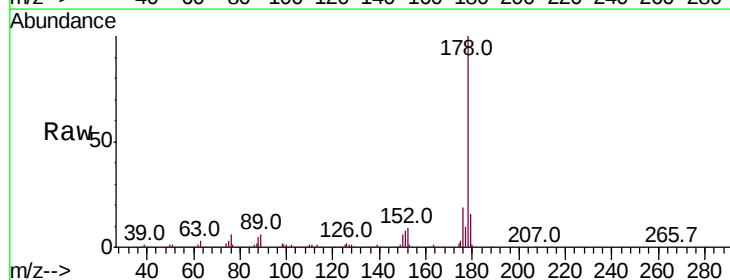
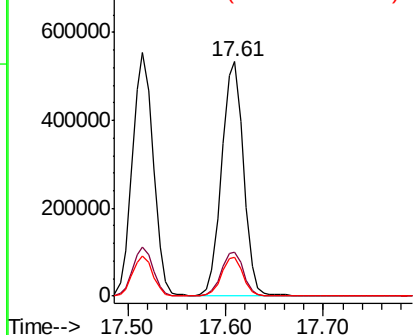
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

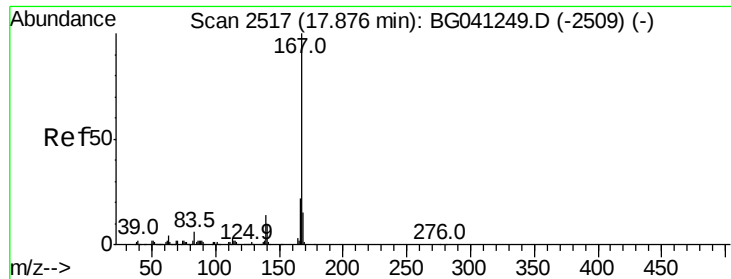


#72
Anthracene
Concen: 40.903 ng
RT: 17.61 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.3	12.4	18.6

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: 40.954 ng

RT: 17.88 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

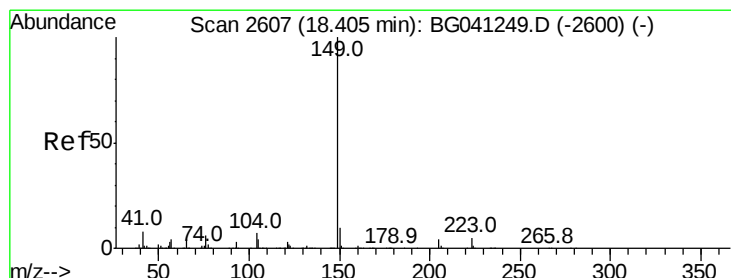
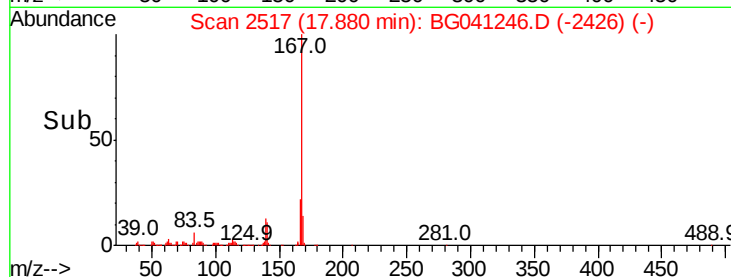
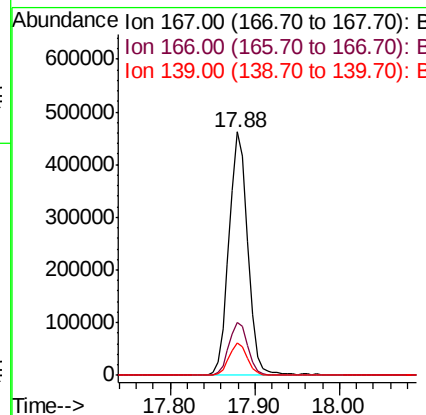
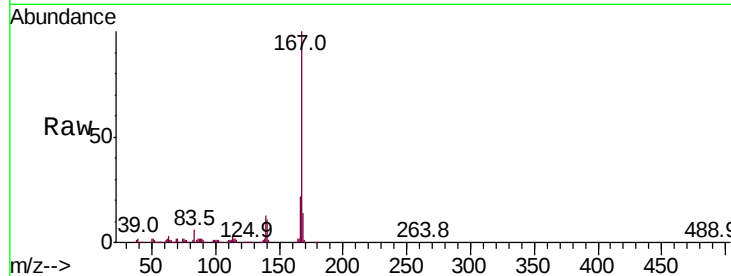
ClientSampleId :

SSTDCCC040

Tot Ion:	167	Resp:	712811
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.6	26.4
139	13.1	10.9	16.3

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#74

Di-n-butylphthalate

Concen: 40.715 ng

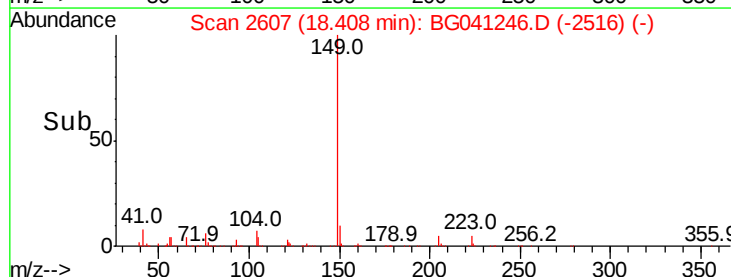
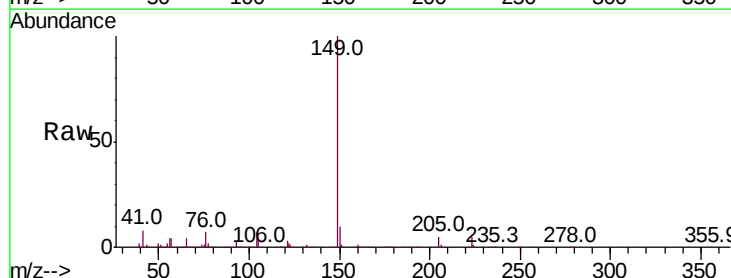
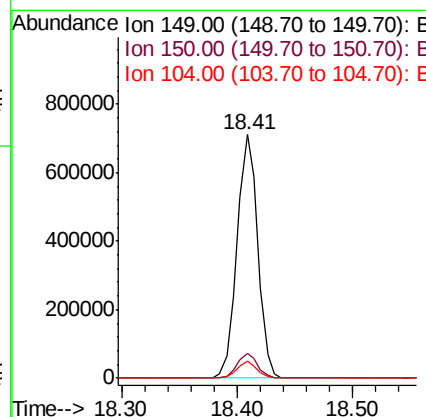
RT: 18.41 min Scan# 2607

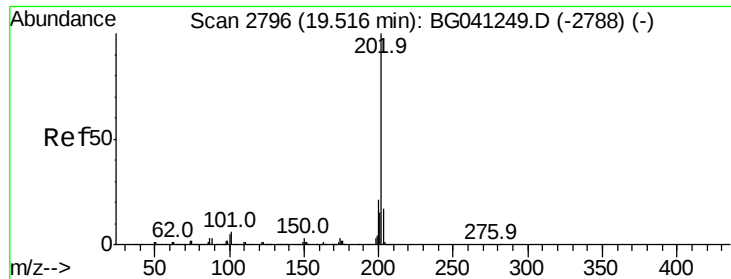
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:	149	Resp:	880770
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.9	11.9
104	6.9	5.2	7.8





#75

Fluoranthene

Concen: 41.314 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1049529

Ion Ratio Lower Upper

202 100

101 6.5 0.0 25.9

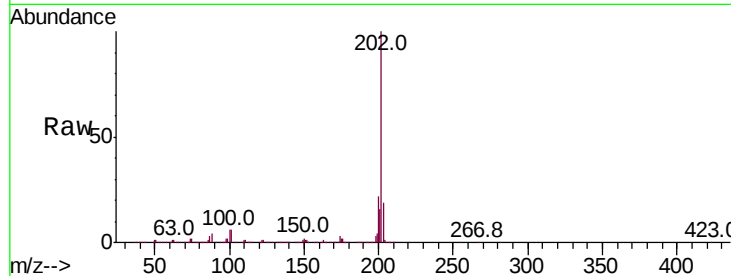
203 19.0 0.0 37.5

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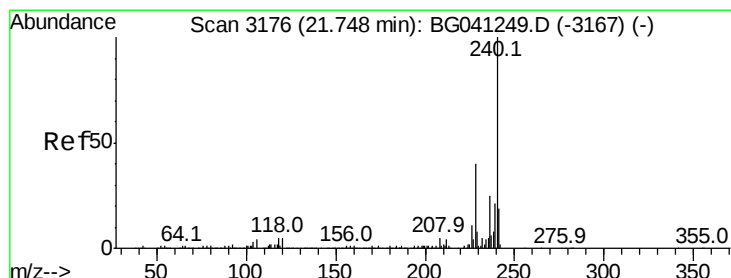
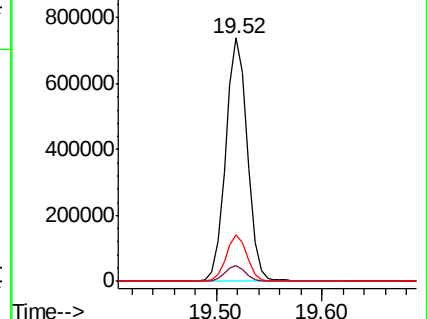
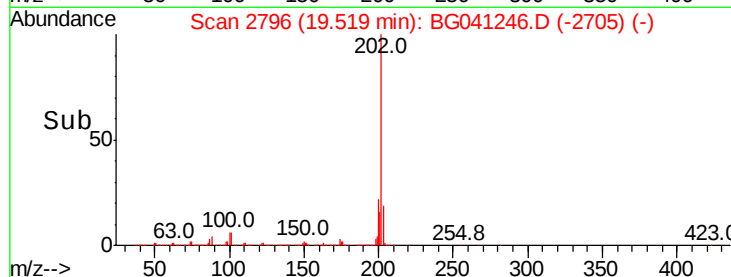
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

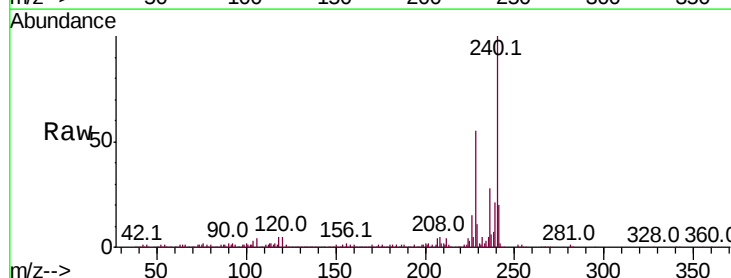
Tgt Ion:240 Resp: 379245

Ion Ratio Lower Upper

240 100

120 4.9 4.1 6.1

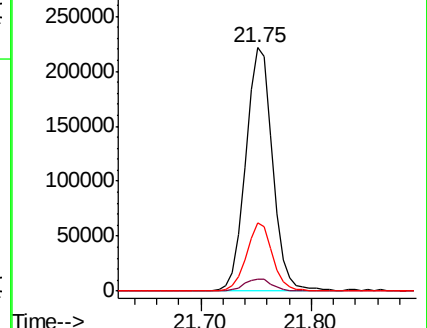
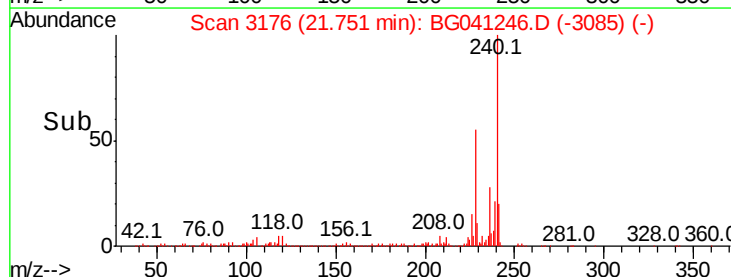
236 27.8 19.9 29.9

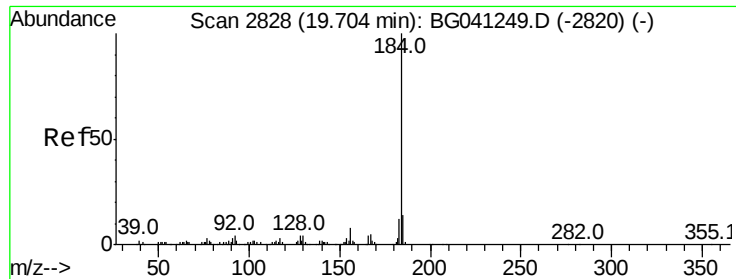


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.849 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

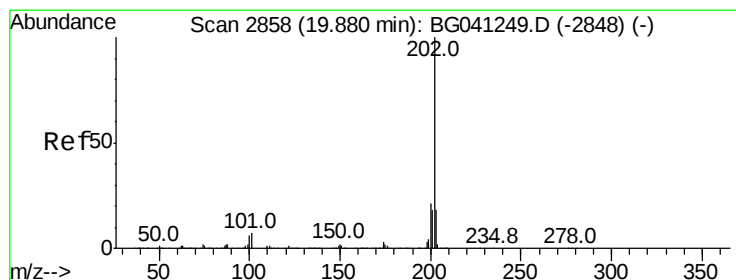
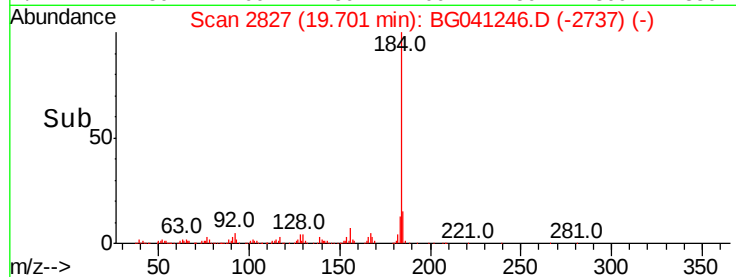
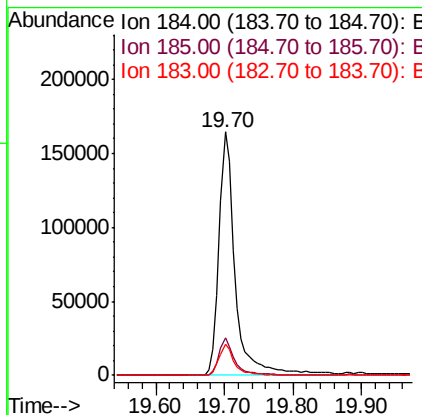
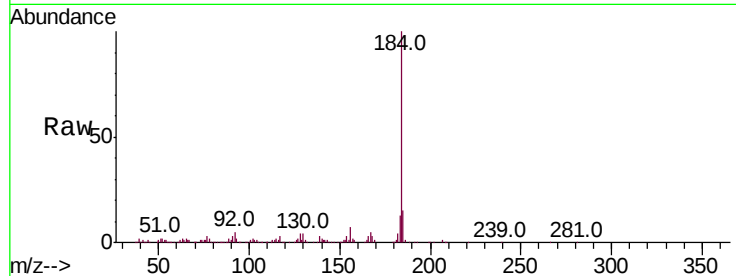
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	270041
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.5	17.3
183	12.8	9.6	14.4

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#78

Pyrene

Concen: 42.915 ng

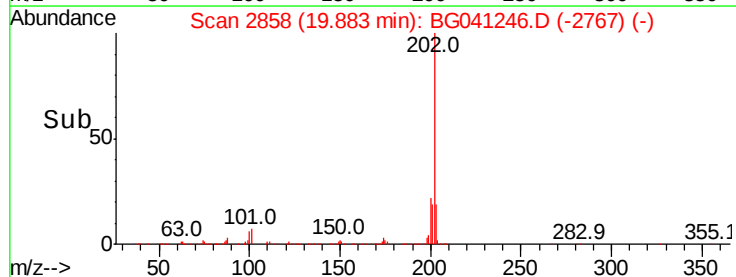
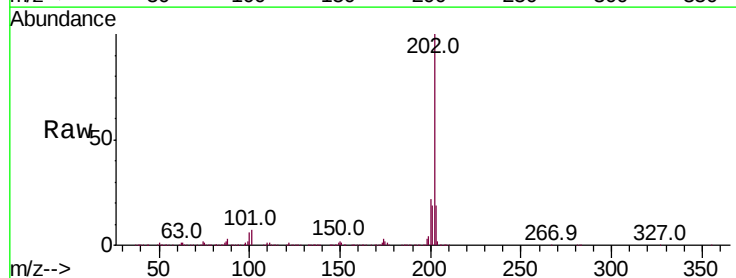
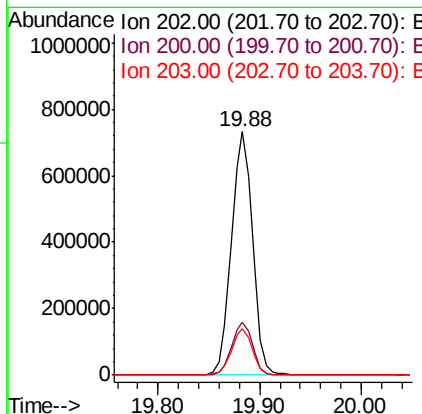
RT: 19.88 min Scan# 2858

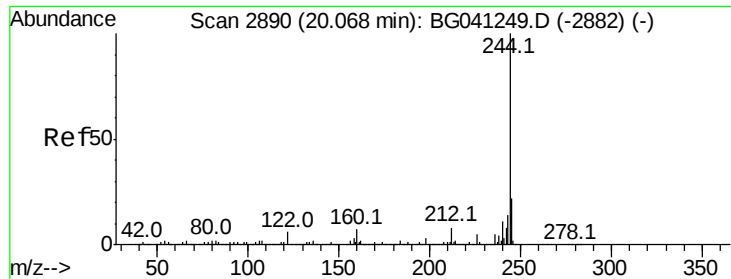
Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:	202	Resp:	1058014
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.0	25.4
203	19.2	14.5	21.7





#79

Terphenyl-d14

Concen: 86.668 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1548677

Ion Ratio Lower Upper

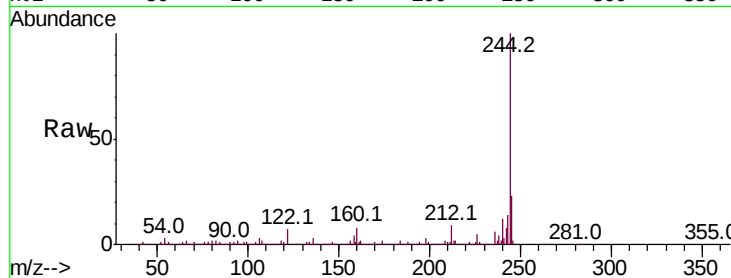
244 100

212 9.3 6.6 9.8

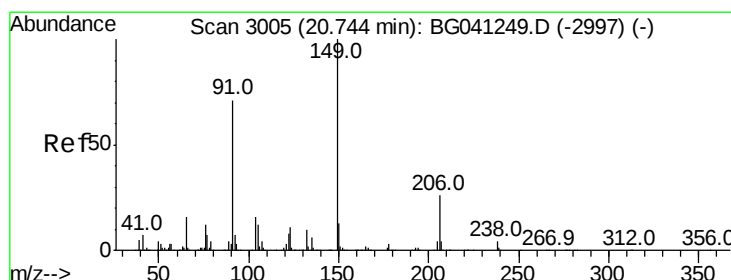
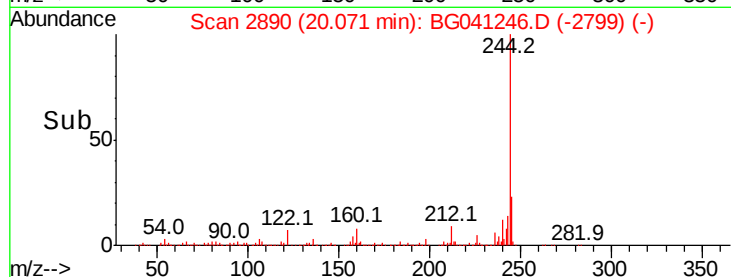
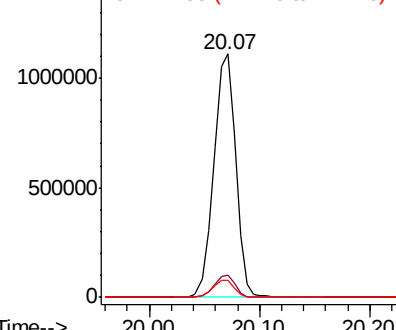
122 7.2 4.6 7.0#

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.668 ng

RT: 20.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

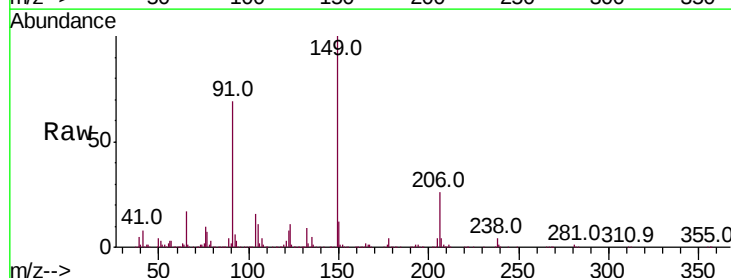
Tgt Ion:149 Resp: 418954

Ion Ratio Lower Upper

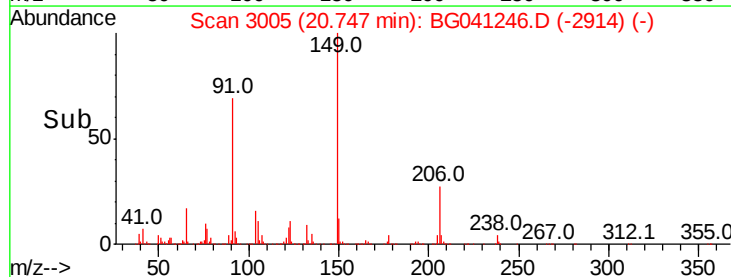
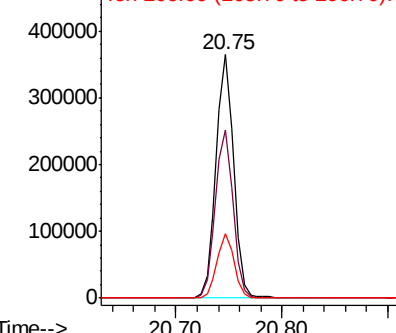
149 100

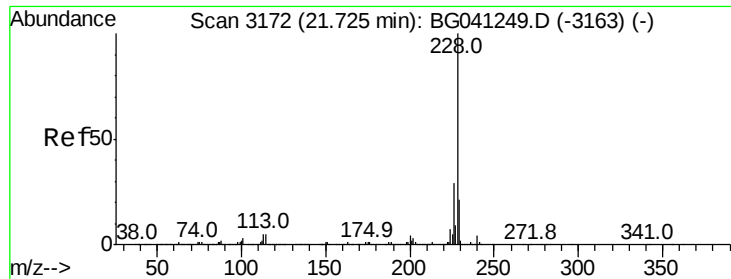
91 69.2 56.5 84.7

206 26.5 21.0 31.4



Abundance Ion 149.00 (148.70 to 149.70): E
500000 Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





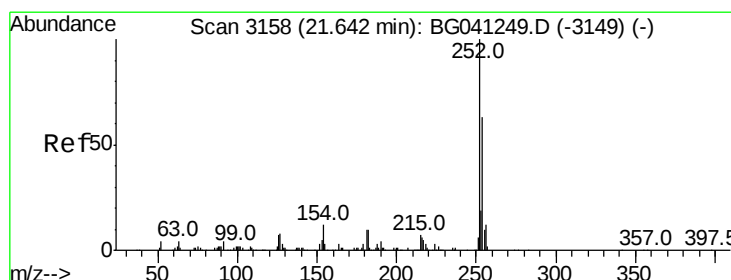
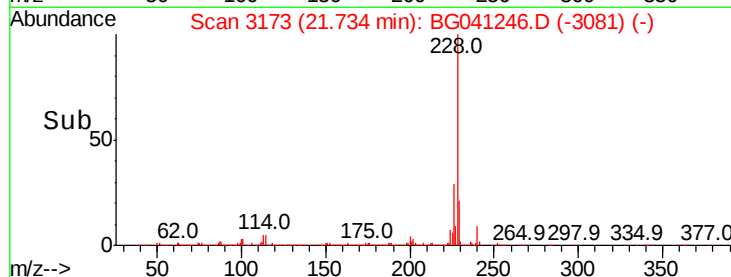
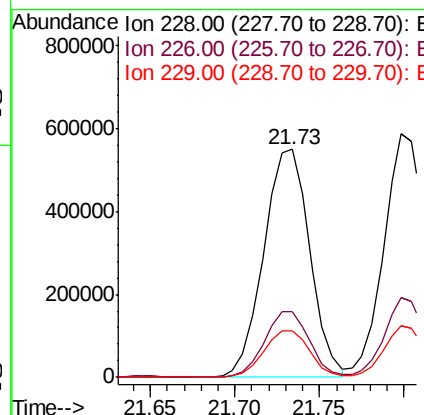
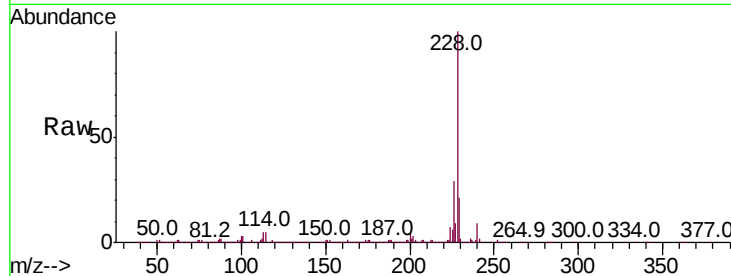
#81
Benzo(a)anthracene
Concen: 40.988 ng
RT: 21.73 min Scan# 3173
Delta R.T. 0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	20.5	16.6	24.8

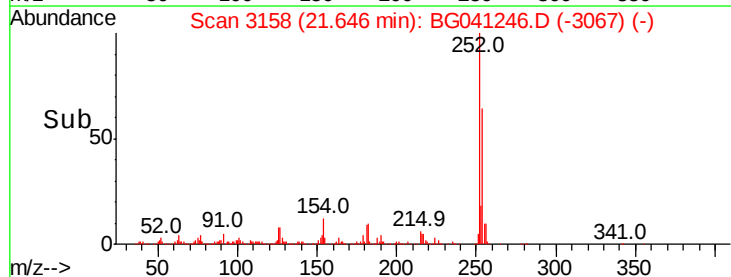
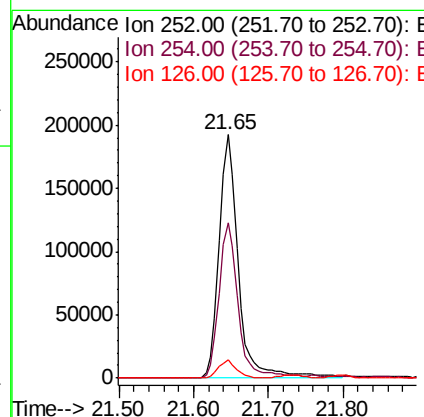
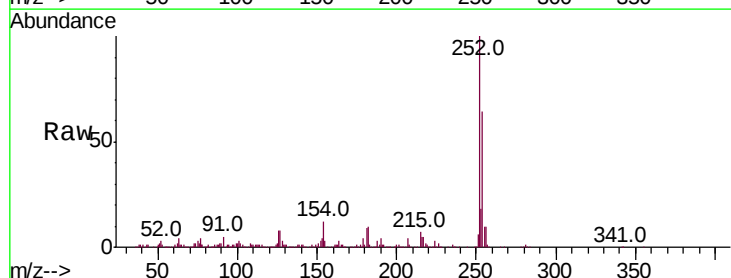
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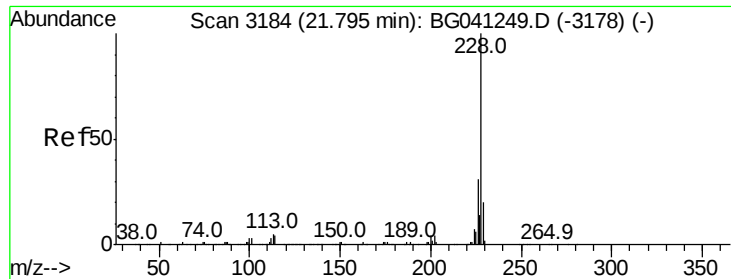
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#82
3,3'-Dichlorobenzidine
Concen: 39.132 ng
RT: 21.65 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	7.6	5.3	7.9





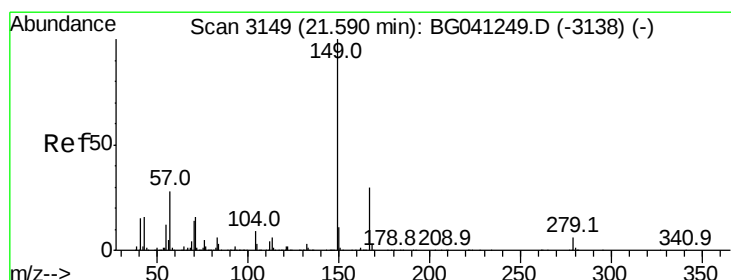
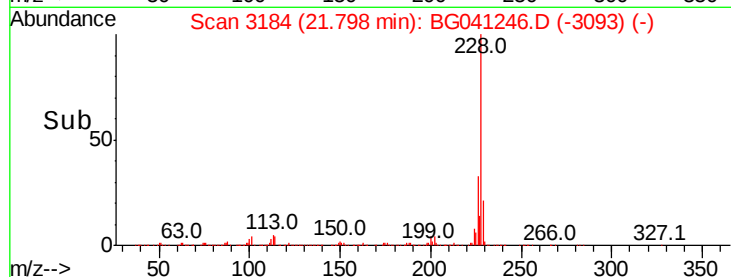
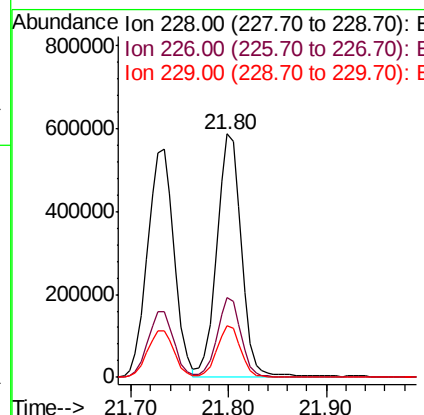
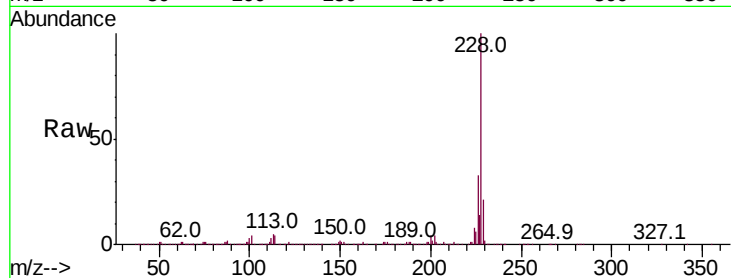
#83
Chrysene
Concen: 42.120 ng
RT: 21.80 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1017555
Ion Ratio Lower Upper
228 100
226 32.7 24.8 37.2
229 21.4 15.8 23.6

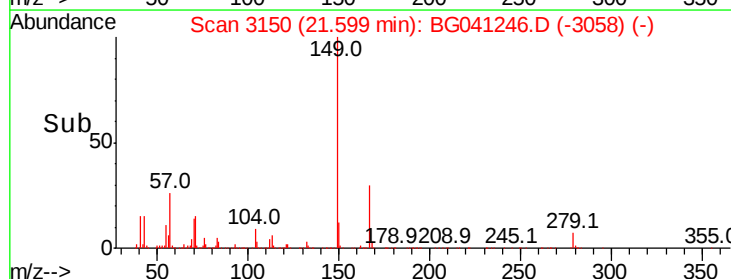
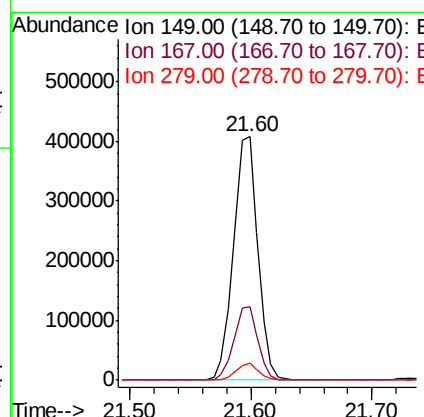
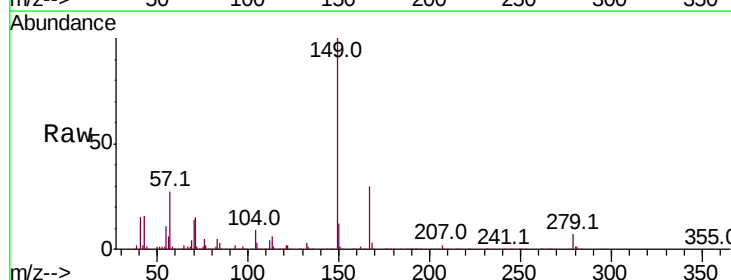
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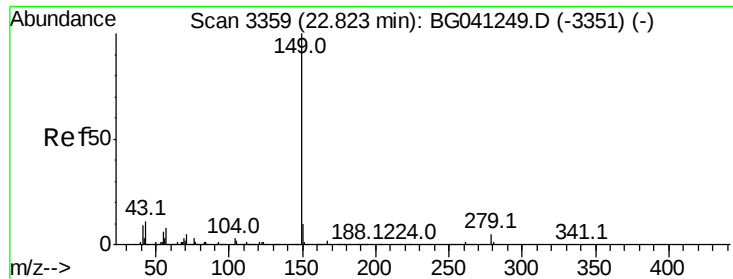
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.533 ng
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG041246.D
Acq: 14 Jun 2019 9:44

Tgt Ion:149 Resp: 574441
Ion Ratio Lower Upper
149 100
167 30.0 23.8 35.8
279 7.2 4.6 7.0#





#85

Di-n-octyl phthalate

Concen: 42.998 ng

RT: 22.83 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

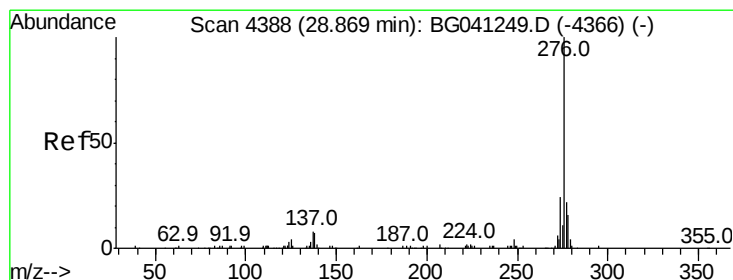
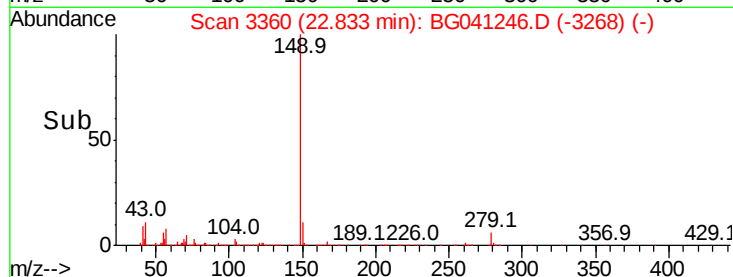
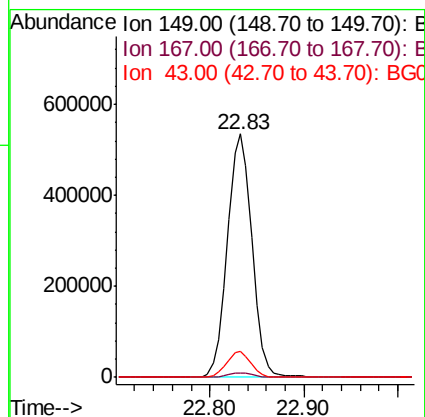
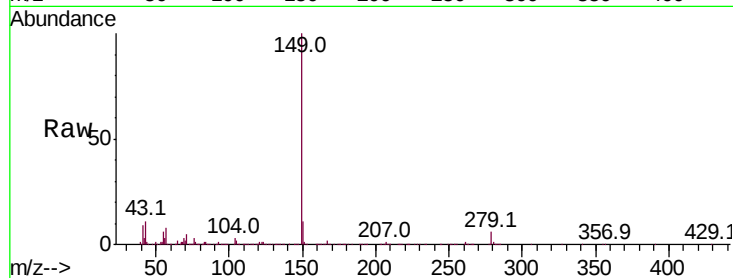
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	967156
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	10.3	8.2	12.4

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 21.265 ng

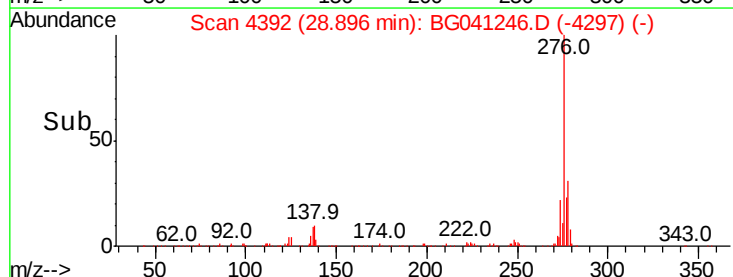
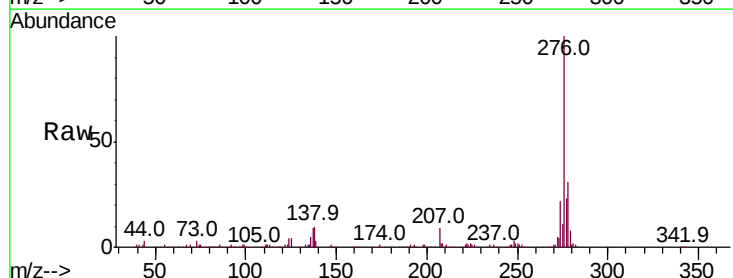
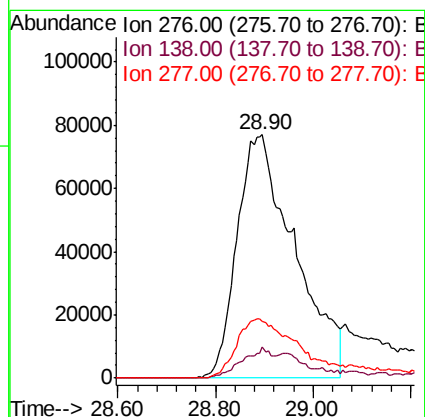
RT: 28.90 min Scan# 4392

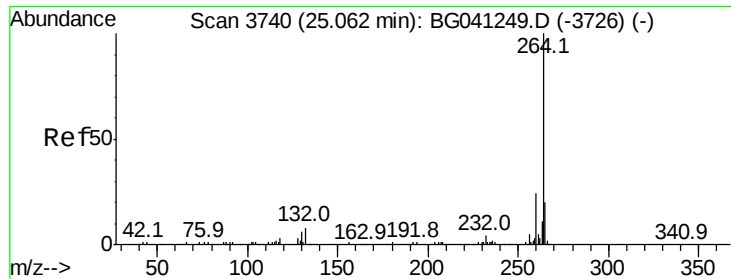
Delta R.T. 0.03 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:	276	Resp:	629301
Ion Ratio	Lower	Upper	
276	100		
138	6.8	3.0	4.6#
277	25.7	6.8	10.2#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3741

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

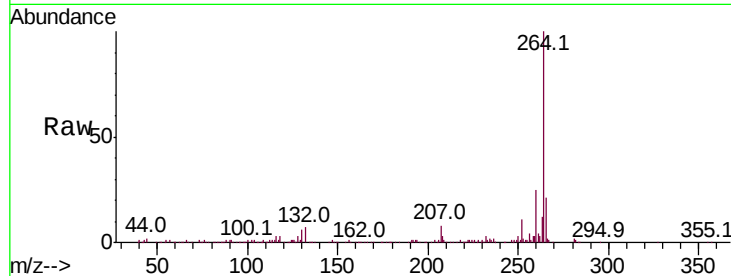
ClientSampleId :

SSTDCCC040

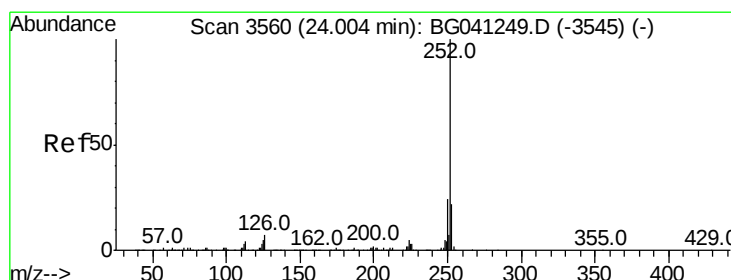
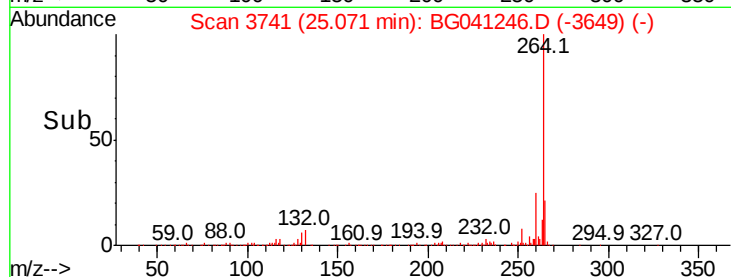
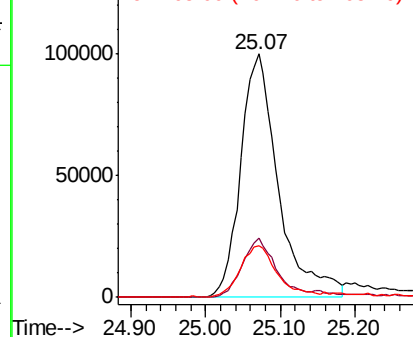
Tot Ion:	264	Resp:	351495
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.0
265	21.2	16.5	24.7

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



#88

Benzo(b)fluoranthene

Concen: 41.987 ng

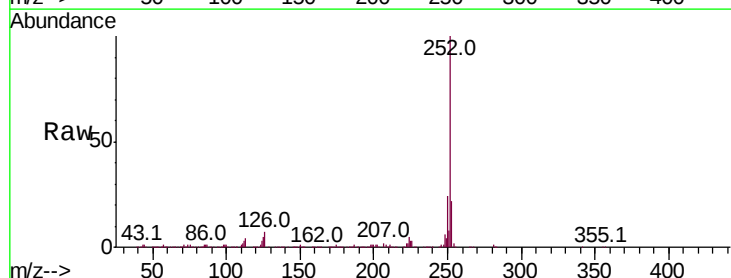
RT: 24.01 min Scan# 3560

Delta R.T. 0.00 min

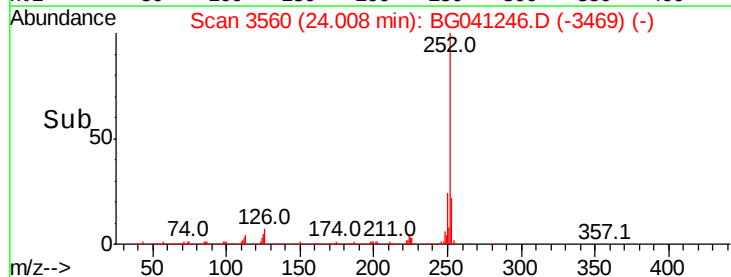
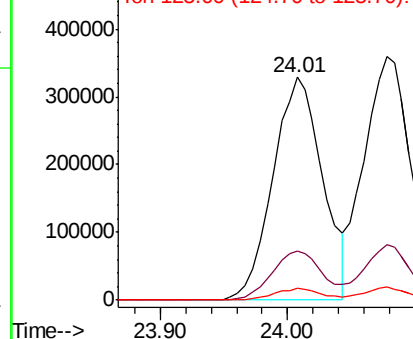
Lab File: BG041246.D

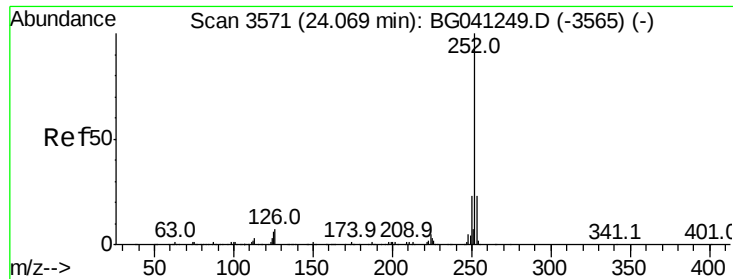
Acq: 14 Jun 2019 9:44

Tgt Ion:	252	Resp:	895142
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	5.4	4.1	6.1



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





#89

Benzo(k)fluoranthene

Concen: 49.298 ng

RT: 24.08 min Scan# 3572

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1040043

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

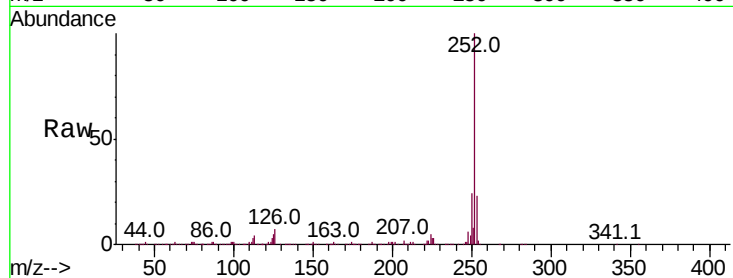
125 5.4 4.2 6.2

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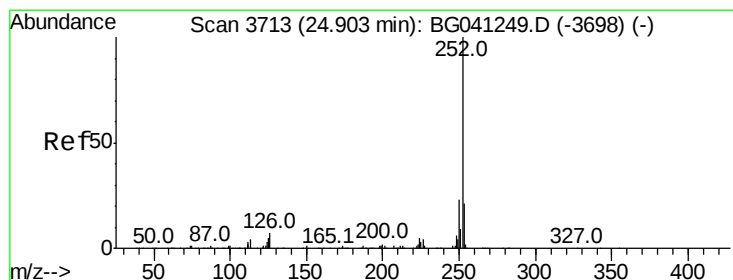
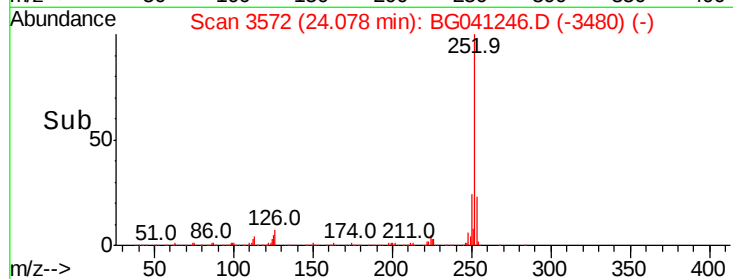
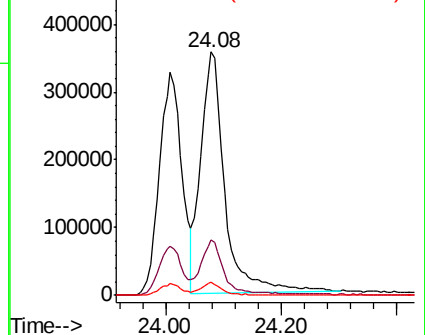
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.991 ng

RT: 24.92 min Scan# 3715

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:252 Resp: 874452

Ion Ratio Lower Upper

252 100

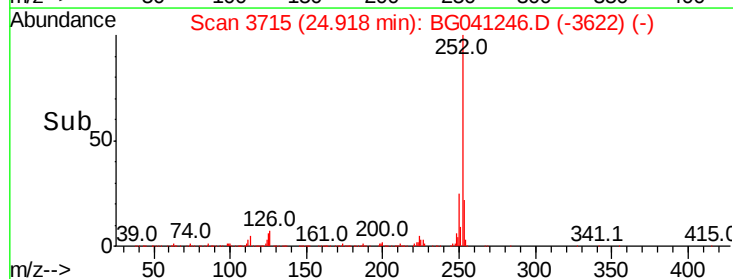
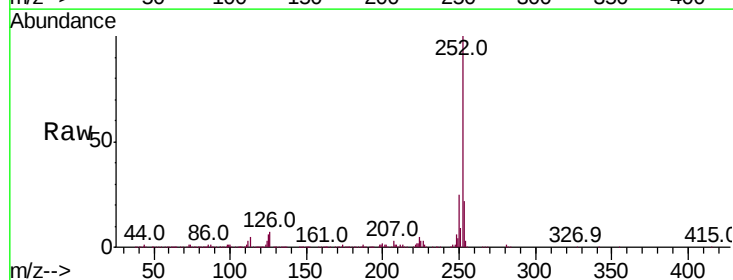
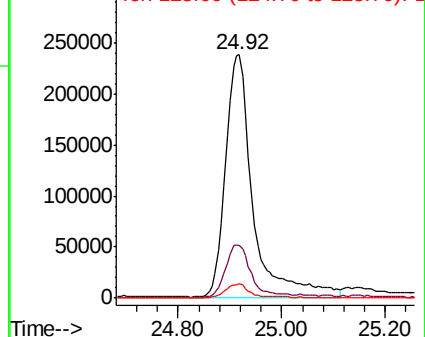
253 21.9 16.7 25.1

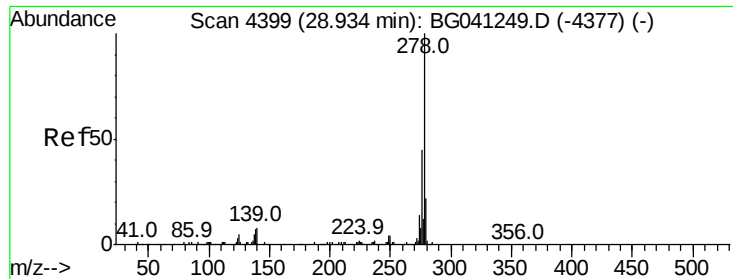
125 5.9 4.2 6.2

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 24.266 ng

RT: 28.95 min Scan# 4401

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Instrument :

BNA_G

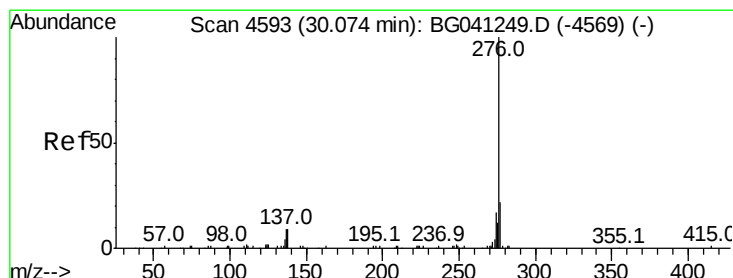
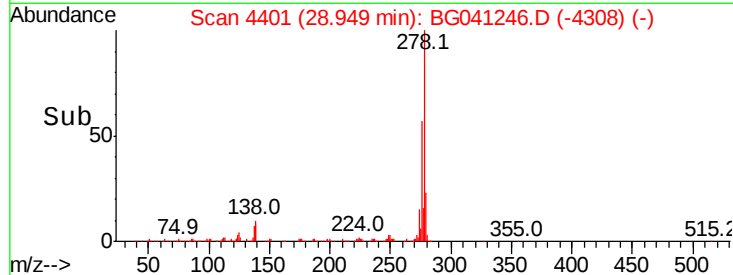
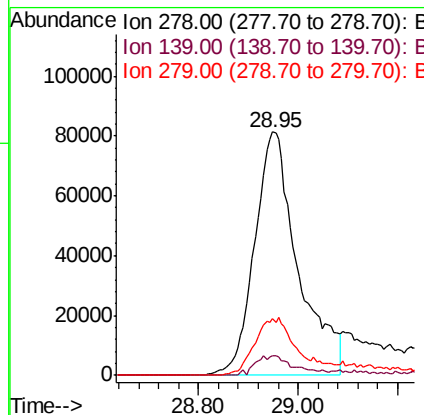
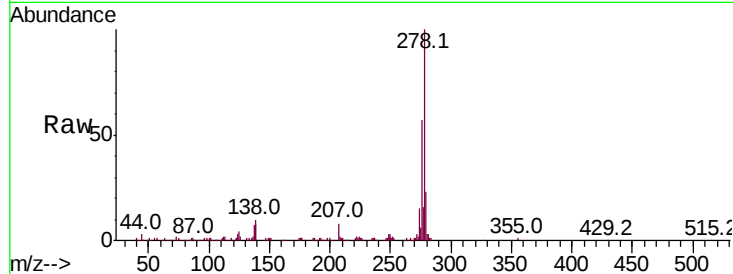
ClientSampleId :

SSTDCCC040

Tot Ion:	278	Resp:	493195
Ion Ratio	Lower	Upper	
278	100		
139	8.0	6.2	9.2
279	23.2	17.6	26.4

Manual Integrations
APPROVED

mohammad
6/17/2019 4:52:18 PM



#92

Benzo(g,h,i)perylene

Concen: 23.104 ng

RT: 30.09 min Scan# 4595

Delta R.T. 0.01 min

Lab File: BG041246.D

Acq: 14 Jun 2019 9:44

Tgt Ion:	276	Resp:	456199
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.0	27.0
138	8.8	8.4	12.6

