

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
 Data File : BG040987.D
 Acq On : 31 May 2019 20:30
 Operator : HP/JU
 Sample : SSTDC0040
 Misc : LOO-MDL-WATER-20PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
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mohammad
 6/3/2019 8:50:22 AM

Quant Time: Jun 01 05:54:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	55693	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	228615	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	168549	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	411542	20.00	ng	0.00
76) Chrysene-d12	21.78	240	420993	20.00	ng	0.00
87) Perylene-d12	25.12	264	445990	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	246732	79.89	ng	0.00
7) Phenol-d6	7.27	99	361004	75.68	ng	0.00
23) Nitrobenzene-d5	9.30	82	428213	83.15	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	198627	79.38	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	945467	80.78	ng	0.00
79) Terphenyl-d14	20.09	244	1623267	81.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	58021	41.399	ng	96
3) Pyridine	3.93	79	168368	40.599	ng	98
4) n-Nitrosodimethylamine	3.86	42	85019	44.173	ng	92
6) Aniline	7.45	93	251290	39.468	ng	97
8) 2-Chlorophenol	7.68	128	142498	38.700	ng	91
9) Benzaldehyde	7.26	77	117633	41.341	ng	91
10) Phenol	7.29	94	188093	36.778	ng	99
11) bis(2-Chloroethyl)ether	7.54	93	146203	39.406	ng	95
12) 1,3-Dichlorobenzene	8.01	146	177811	40.432	ng	97
13) 1,4-Dichlorobenzene	8.16	146	178304	40.054	ng	95
14) 1,2-Dichlorobenzene	8.48	146	171483	39.675	ng	98
15) Benzyl Alcohol	8.36	79	169381	38.388	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	245291	40.459	ng	99
17) 2-Methylphenol	8.55	107	134858	36.419	ng	98
18) Hexachloroethane	9.20	117	71721	41.803	ng	91
19) n-Nitroso-di-n-propylamine	8.93	70	144876	39.468	ng	99
20) 3+4-Methylphenols	8.88	107	184618	35.992	ng	97
22) Acetophenone	8.95	105	258968	40.381	ng	# 97
24) Nitrobenzene	9.34	77	219555	41.836	ng	96
25) Isophorone	9.86	82	396412	40.449	ng	99
26) 2-Nitrophenol	10.05	139	86157	39.823	ng	91
27) 2,4-Dimethylphenol	10.09	122	140724	39.384	ng	97
28) bis(2-Chloroethoxy)methane	10.34	93	215826	40.803	ng	99
29) 2,4-Dichlorophenol	10.58	162	169109	37.270	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	207399	40.180	ng	95
31) Naphthalene	11.00	128	492256	40.104	ng	99
32) Benzoic acid	10.22	122	97651m	37.324	ng	
33) 4-Chloroaniline	11.10	127	219849	38.602	ng	96
34) Hexachlorobutadiene	11.25	225	160343	40.598	ng	97
35) Caprolactam	11.89	113	56018	37.386	ng	96
36) 4-Chloro-3-methylphenol	12.21	107	192005	37.052	ng	98
37) 2-Methylnaphthalene	12.59	142	360106	38.092	ng	98
38) 1-Methylnaphthalene	12.81	142	339087	38.063	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	268615	39.540	ng	99

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 SSTDC040EC

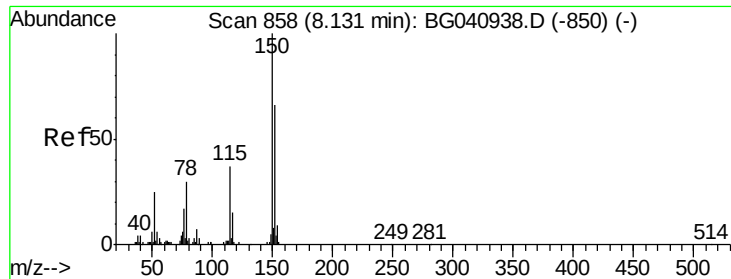
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	152382	45.668	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	168504	38.342	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	174513	37.652	ng	97
46) 1,1'-Biphenyl	13.59	154	496941	39.831	ng	98
47) 2-Chloronaphthalene	13.64	162	420895	39.297	ng	98
48) 2-Nitroaniline	13.84	65	153650	39.987	ng	99
49) Acenaphthylene	14.48	152	629490	39.050	ng	99
50) Dimethylphthalate	14.20	163	557282	39.059	ng	99
51) 2,6-Dinitrotoluene	14.33	165	118740	38.599	ng	97
52) Acenaphthene	14.82	154	378838	38.793	ng	98
53) 3-Nitroaniline	14.66	138	122040	39.673	ng	94
54) 2,4-Dinitrophenol	14.86	184	52654	42.980	ng	96
55) Dibenzofuran	15.15	168	637233	38.780	ng	99
56) 4-Nitrophenol	14.95	139	86852	41.163	ng	96
57) 2,4-Dinitrotoluene	15.11	165	170675	39.277	ng	99
58) Fluorene	15.80	166	503669	38.488	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	174759	38.367	ng	100
60) Diethylphthalate	15.55	149	561356	38.553	ng	98
61) 4-Chlorophenyl-phenylether	15.78	204	325070	38.217	ng	96
62) 4-Nitroaniline	15.83	138	129438	39.746	ng	94
63) Azobenzene	16.08	77	514589	38.884	ng	99
65) 4,6-Dinitro-2-methylphenol	15.87	198	91258	42.566	ng	97
66) n-Nitrosodiphenylamine	16.00	169	454812	39.313	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	212346	38.234	ng	96
68) Hexachlorobenzene	16.79	284	228508	38.638	ng	99
69) Atrazine	16.94	200	189462	42.443	ng	99
70) Pentachlorophenol	17.14	266	118872	39.781	ng	98
71) Phenanthrene	17.54	178	862723	40.245	ng	99
72) Anthracene	17.63	178	857357	40.552	ng	99
73) Carbazole	17.90	167	759046	41.842	ng	98
74) Di-n-butylphthalate	18.43	149	918320	40.729	ng	98
75) Fluoranthene	19.54	202	1107170	41.815	ng	99
77) Benzidine	19.72	184	450661	44.873	ng	100
78) Pyrene	19.90	202	1111238	40.605	ng	99
80) Butylbenzylphthalate	20.77	149	426811	40.075	ng	99
81) Benzo(a)anthracene	21.75	228	1115688	39.812	ng	99
82) 3,3'-Dichlorobenzidine	21.67	252	401384	40.722	ng	99
83) Chrysene	21.82	228	1068843	39.856	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	588606	39.260	ng	97
85) Di-n-octyl phthalate	22.87	149	987793	39.561	ng	100
86) Indeno(1,2,3-cd)pyrene	28.95	276	1259003	38.324	ng	# 98
88) Benzo(b)fluoranthene	24.05	252	1100453	40.681	ng	99
89) Benzo(k)fluoranthene	24.12	252	1065342	39.798	ng	99
90) Benzo(a)pyrene	24.96	252	1033698	40.053	ng	98
91) Dibenzo(a,h)anthracene	29.02	278	1009813	39.158	ng	99
92) Benzo(g,h,i)perylene	30.17	276	1004567	40.096	ng	98

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



#1

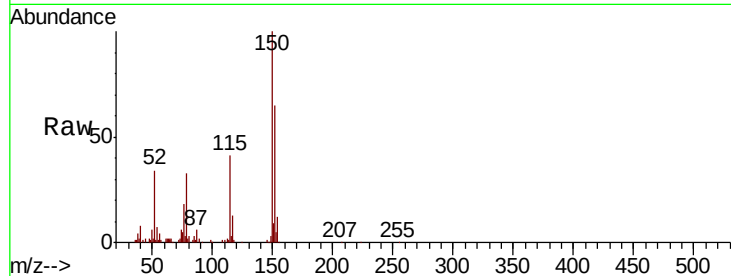
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	120.6	180.8
115	62.3	45.1	67.7

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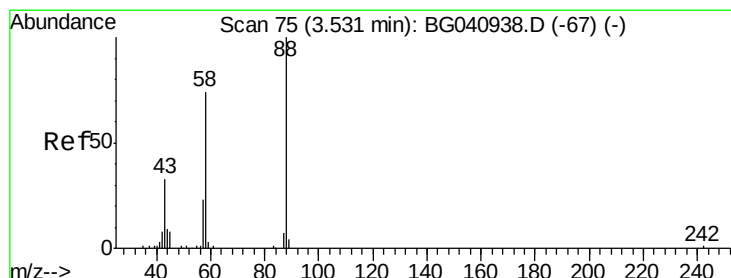
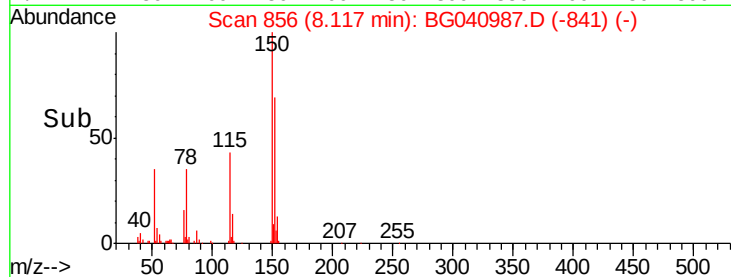
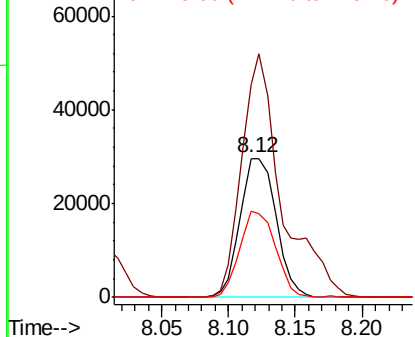


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

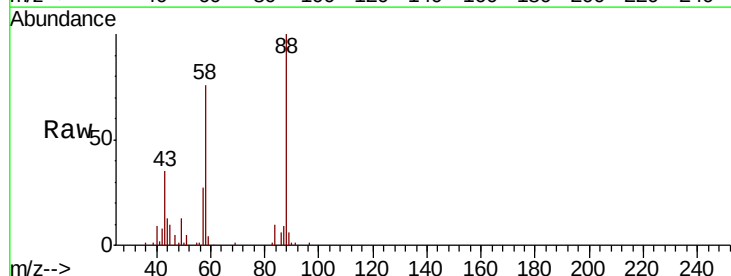
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.399 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	59.0	88.6
43	33.6	27.2	40.8

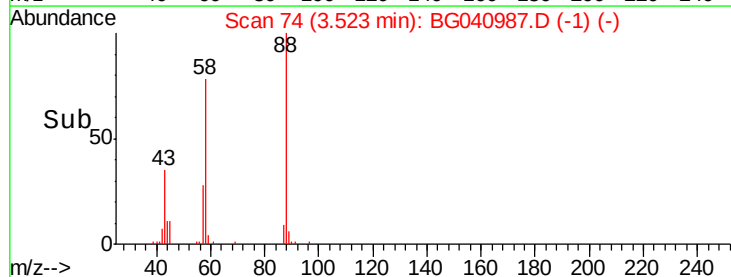
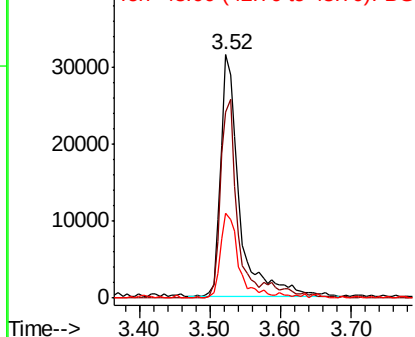


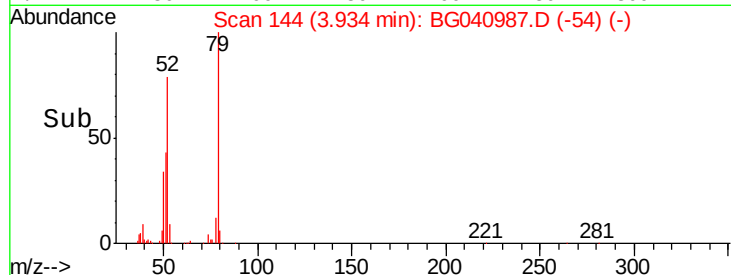
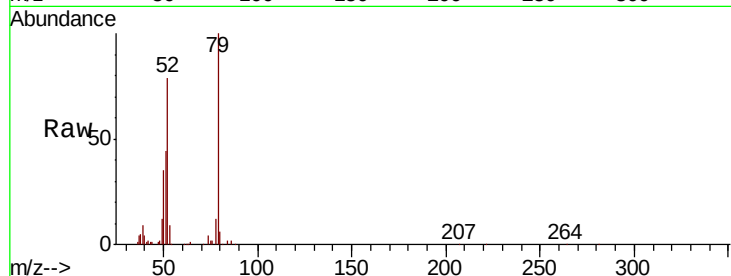
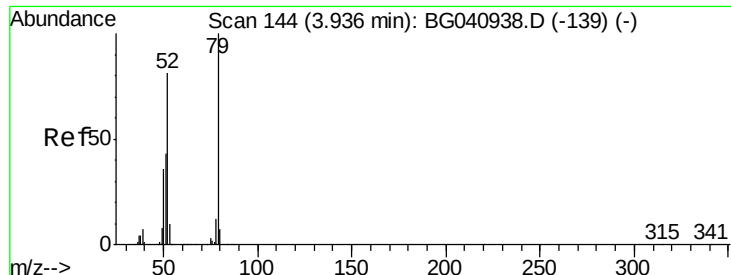
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





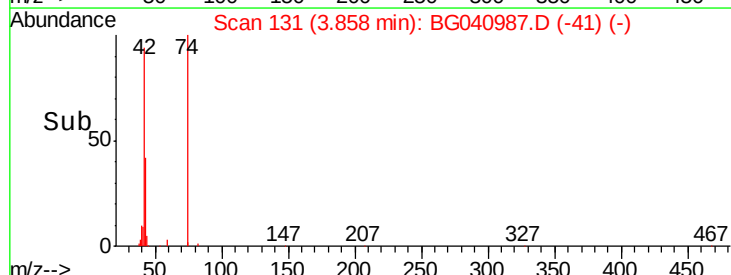
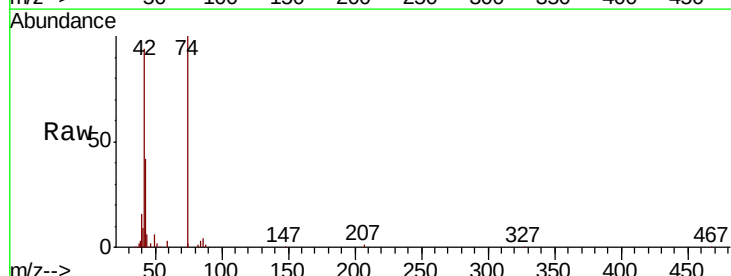
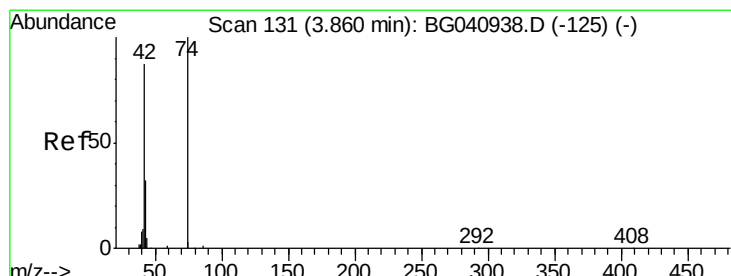
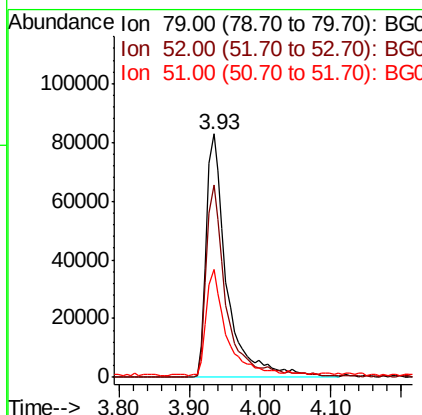
#3
 Pvrindine
 Concen: 40.599 ng
 RT: 3.93 min Scan# 144
 Delta R.T. -0.00 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tot Ion:	79	Resp:	168368
Ion Ratio	Lower	Upper	
79	100		
52	78.8	64.8	97.2
51	44.1	35.3	52.9

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

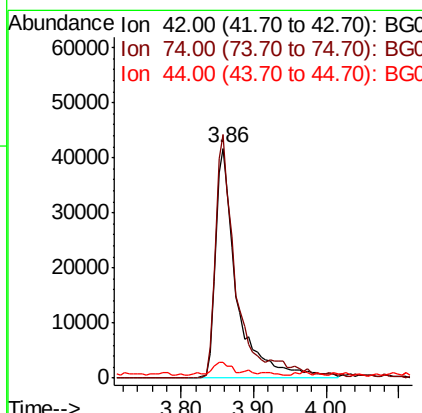
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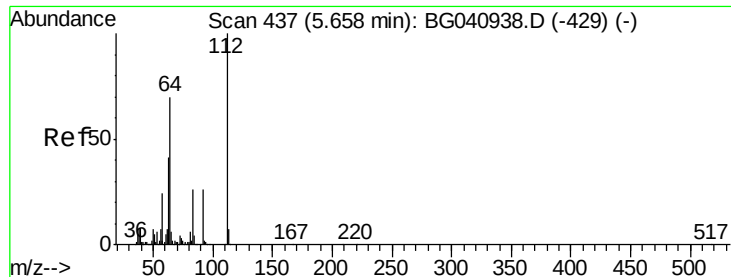
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#4
 n-Nitrosodimethylamine
 Concen: 44.173 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion:	42	Resp:	85019
Ion Ratio	Lower	Upper	
42	100		
74	106.0	91.8	137.6
44	6.7	6.0	9.0





#5

2-Fluorophenol

Concen: 79.886 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

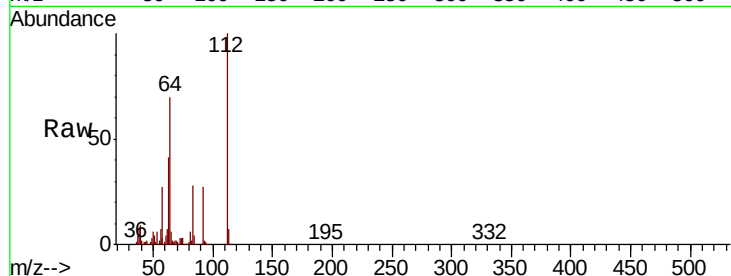
ClientSampleId :

SSTDCCC040EC

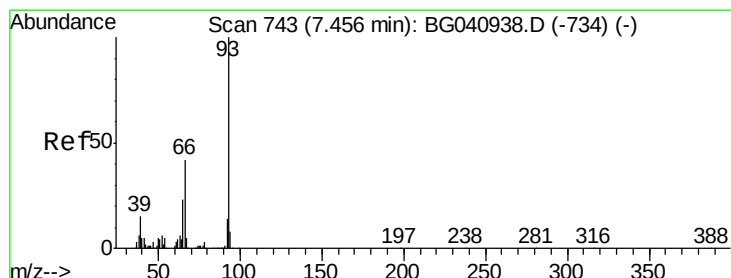
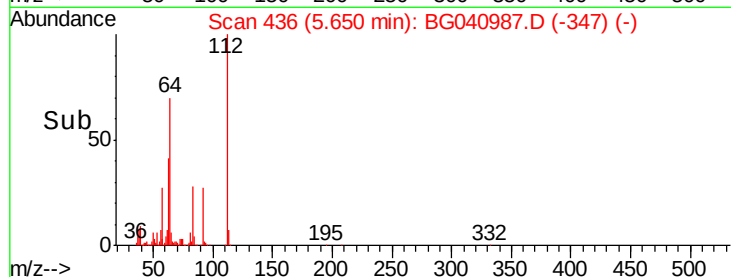
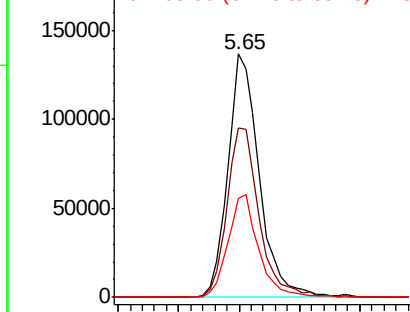
Tot Ion:	112	Resp:	246732
Ion Ratio	Lower	Upper	
112	100		
64	69.7	56.2	84.2
63	40.7	32.8	49.2

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



#6

Aniline

Concen: 39.468 ng

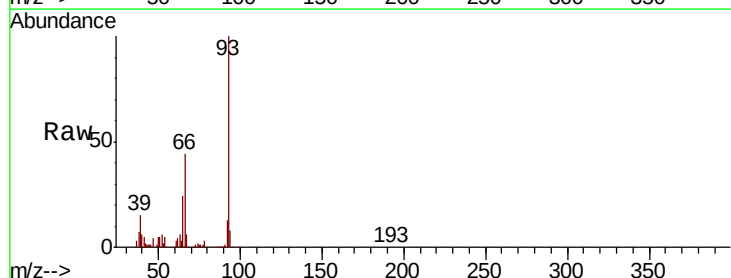
RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

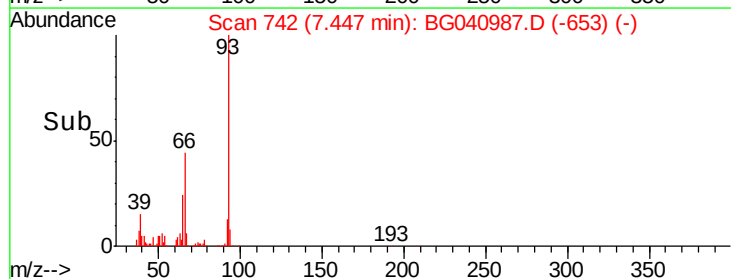
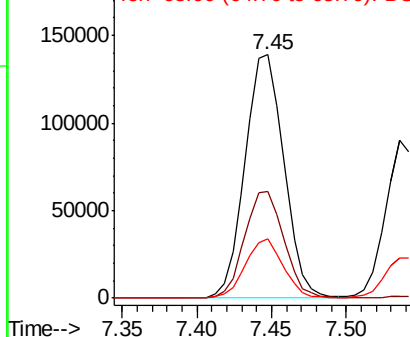
Lab File: BG040987.D

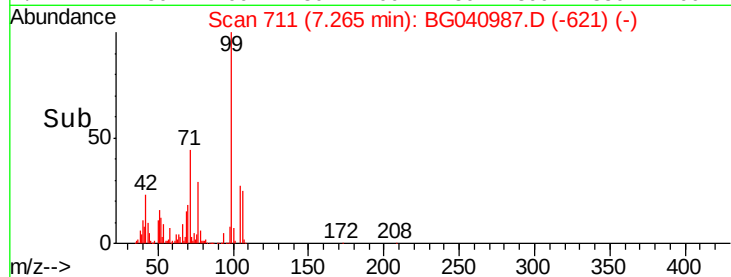
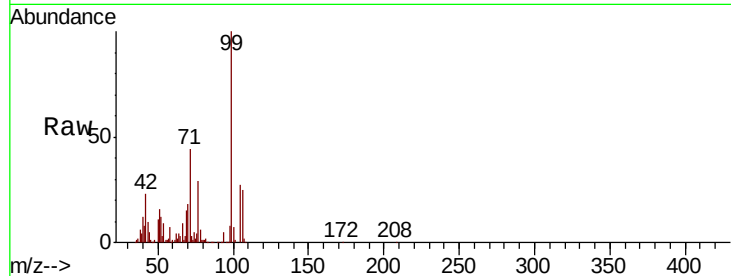
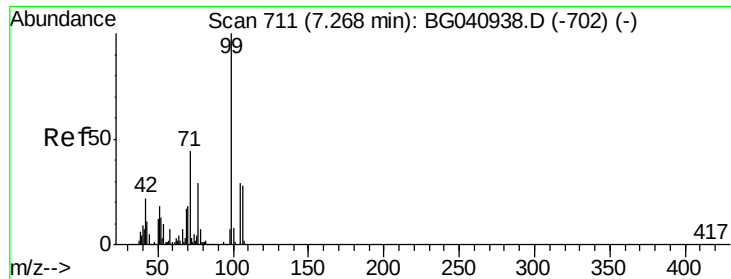
Acq: 31 May 2019 20:30

Tgt Ion:	93	Resp:	251290
Ion Ratio	Lower	Upper	
93	100		
66	43.9	33.8	50.8
65	24.3	18.3	27.5



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





#7

Phenol-d6

Concen: 75.683 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tot Ion:	99	Resp:	361004
Ion Ratio	Lower	Upper	
99	100		
42	22.5	17.9	26.9
71	43.8	35.4	53.0

Instrument :

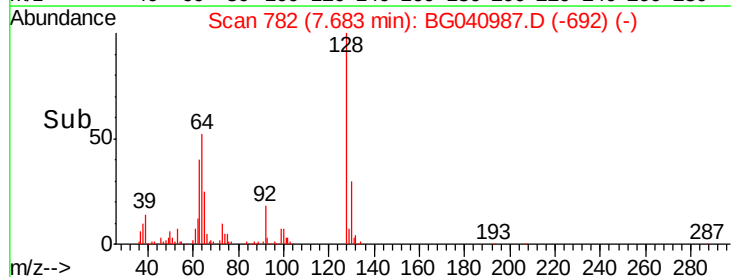
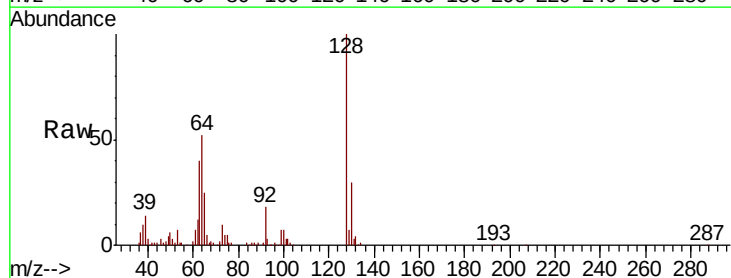
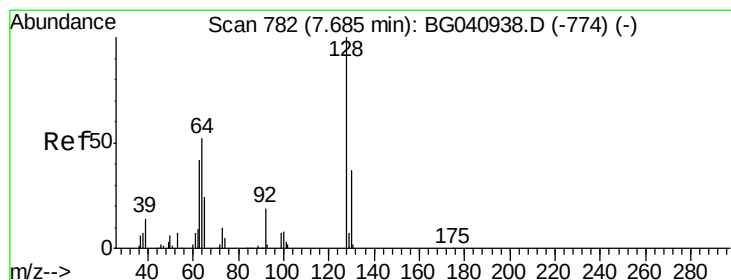
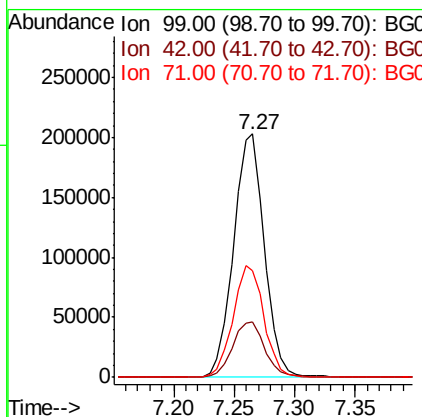
BNA_G

ClientSampleId :

SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 38.700 ng

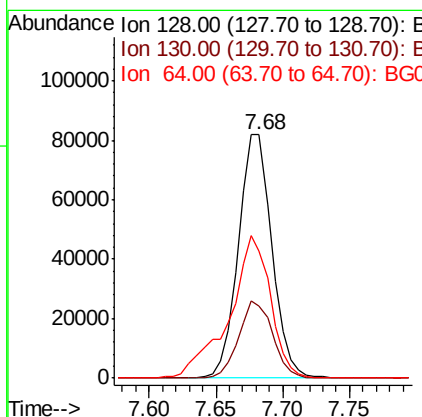
RT: 7.68 min Scan# 782

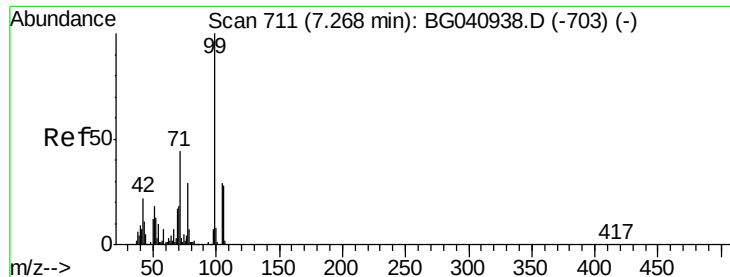
Delta R.T. -0.00 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	128	Resp:	142498
Ion Ratio	Lower	Upper	
128	100		
130	29.7	16.6	56.6
64	52.3	37.8	77.8





#9

Benzaldehyde

Concen: 41.341 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

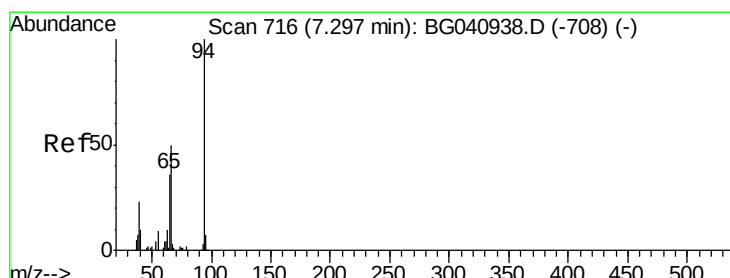
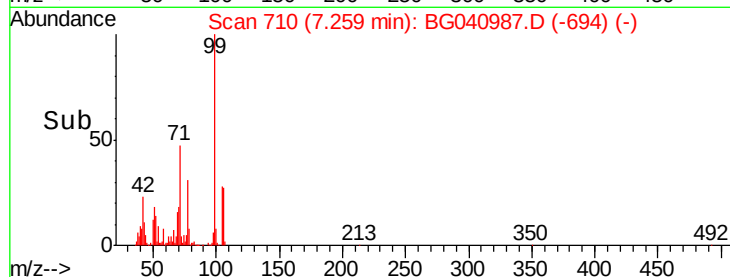
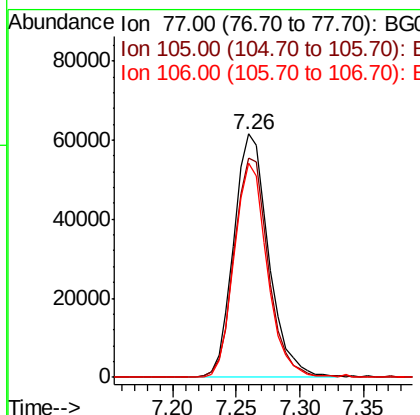
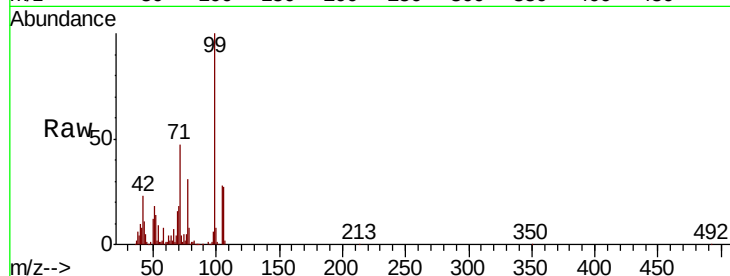
ClientSampleId :

SSTDCCC040EC

Tot Ion:	77	Resp:	117633
Ion	Ratio	Lower	Upper
77	100		
105	89.8	78.9	118.9
106	88.1	76.7	116.7

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#10

Phenol

Concen: 36.778 ng

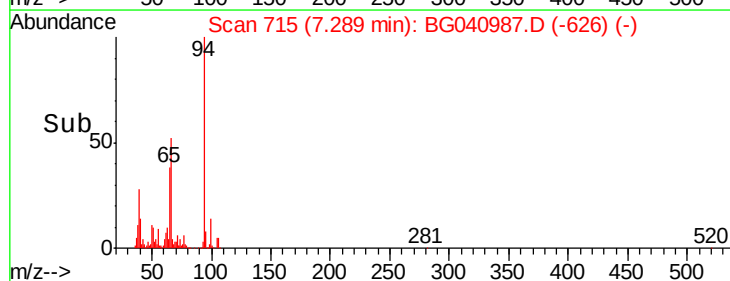
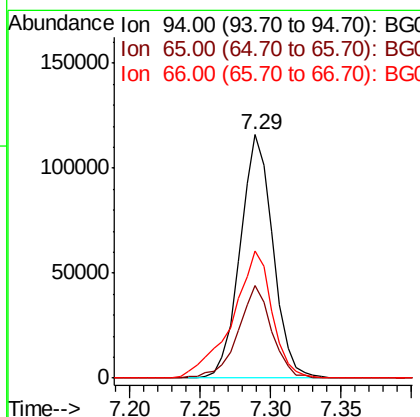
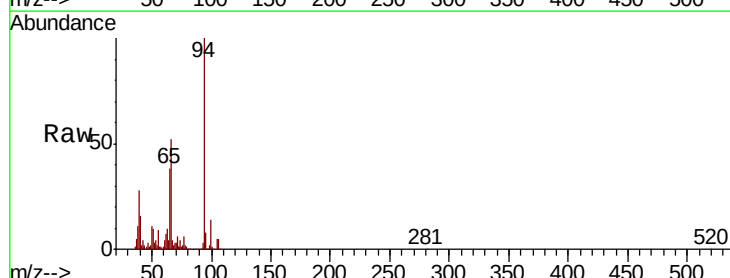
RT: 7.29 min Scan# 715

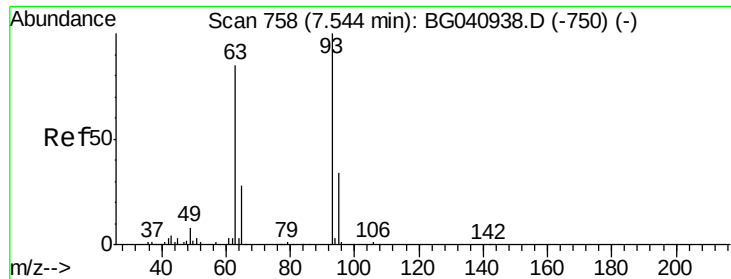
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	94	Resp:	188093
Ion	Ratio	Lower	Upper
94	100		
65	38.0	17.0	57.0
66	52.5	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 39.406 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

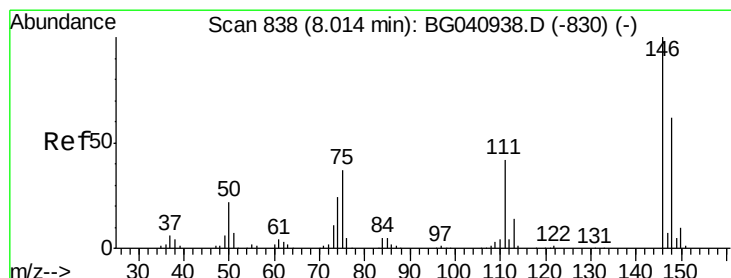
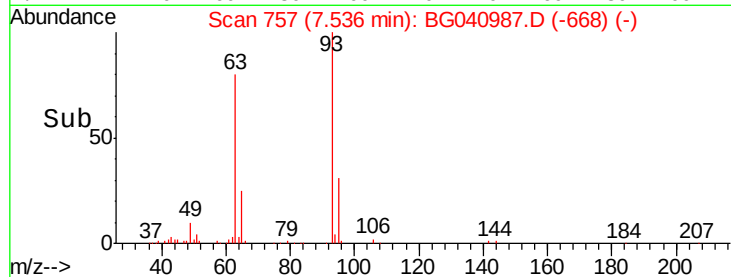
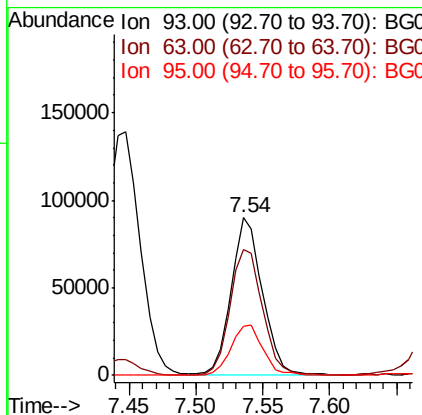
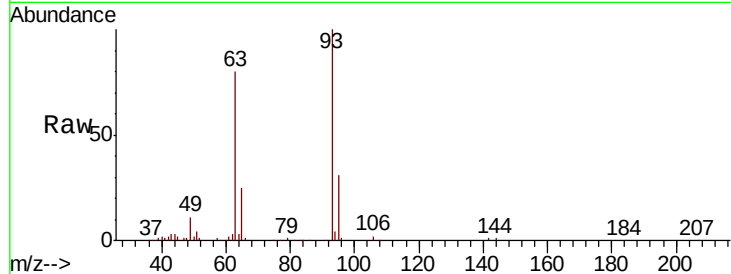
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	146203
Ion	Ratio	Lower	Upper
93	100		
63	80.2	64.5	104.5
95	31.0	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.432 ng

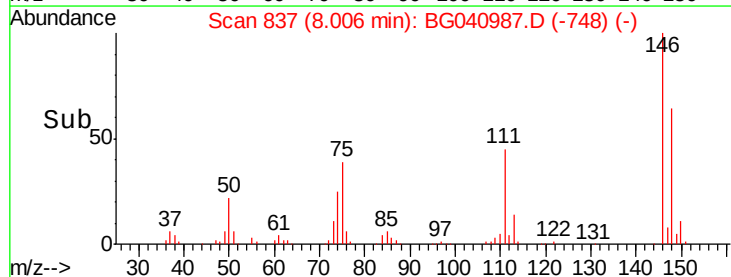
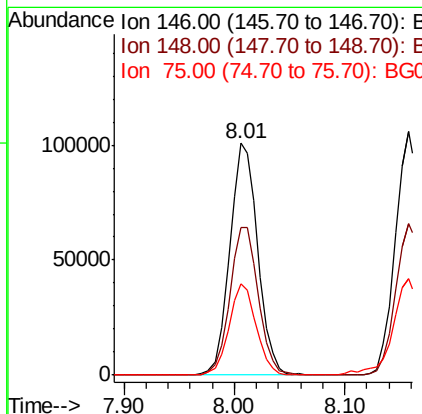
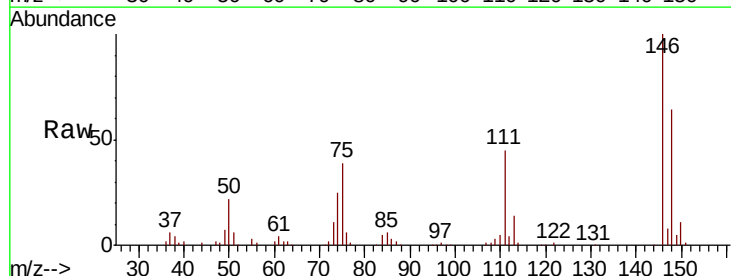
RT: 8.01 min Scan# 837

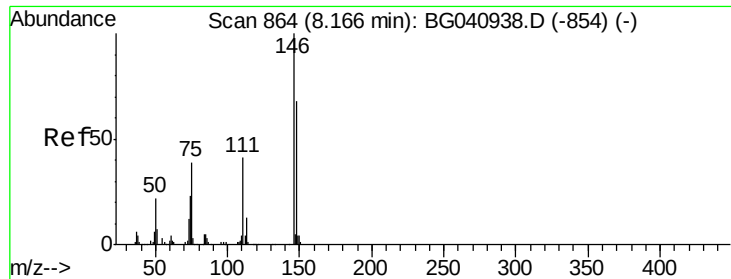
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	146	Resp:	177811
Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.2	73.8
75	39.4	29.4	44.0





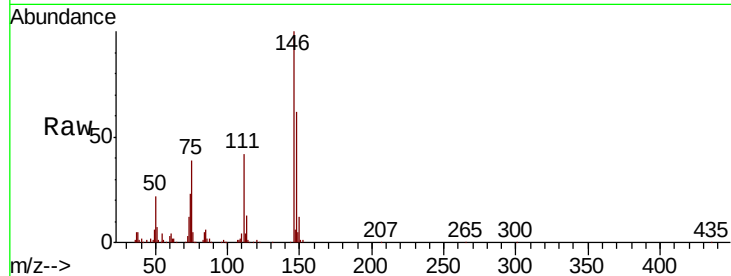
#13
1,4-Dichlorobenzene
Concen: 40.054 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	54.2	81.4
111	41.6	32.9	49.3

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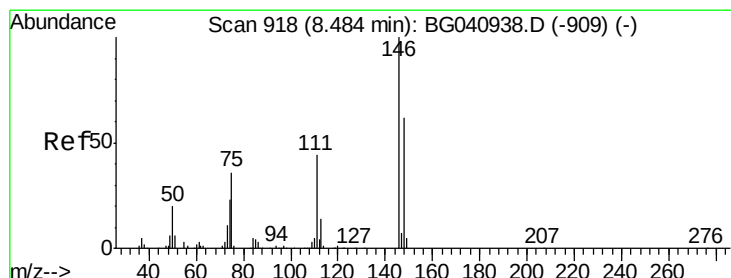
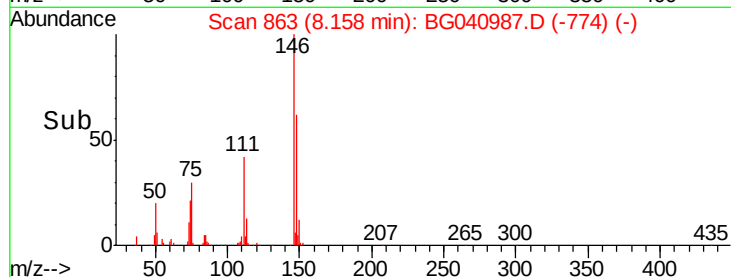
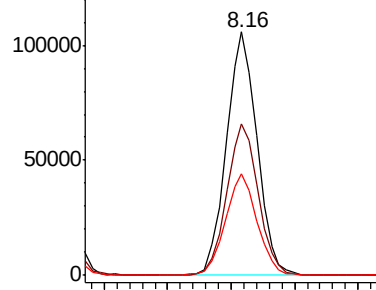


Abundance

Ion 146.00 (145.70 to 146.70): E

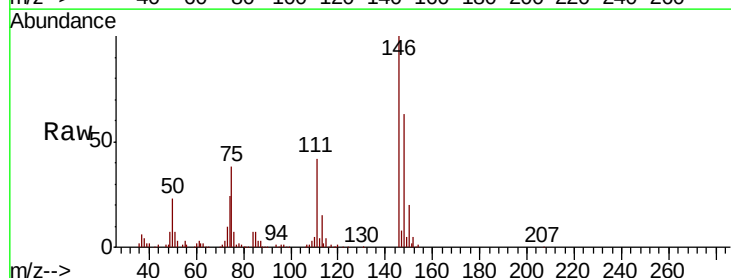
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.675 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.8	74.6
111	41.6	35.0	52.4

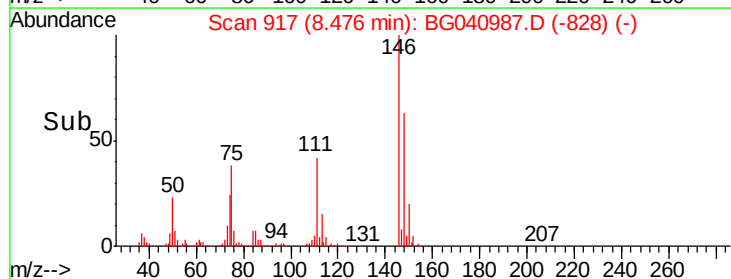
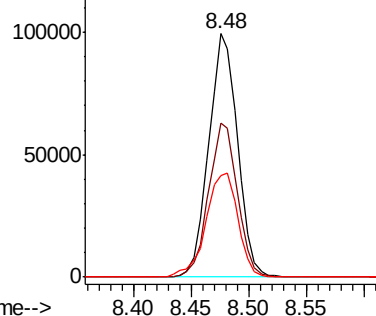


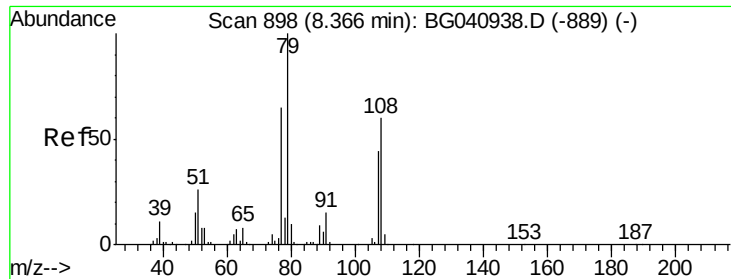
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.388 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

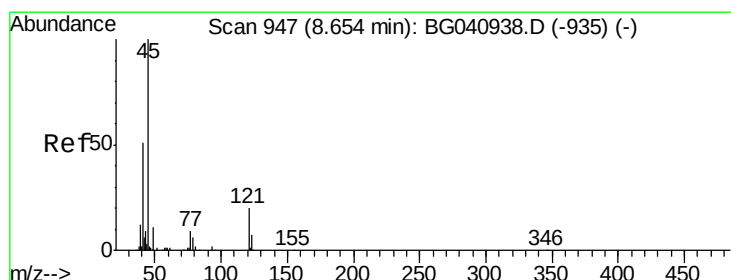
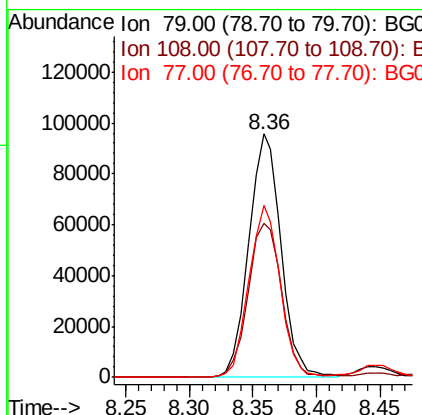
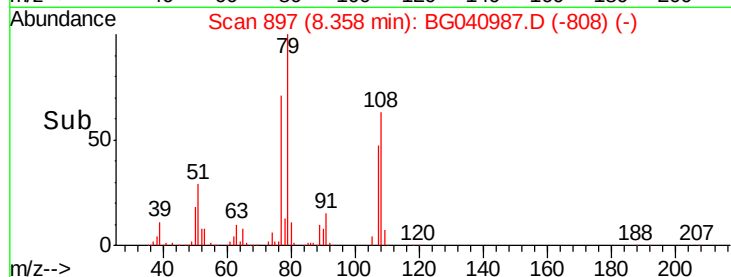
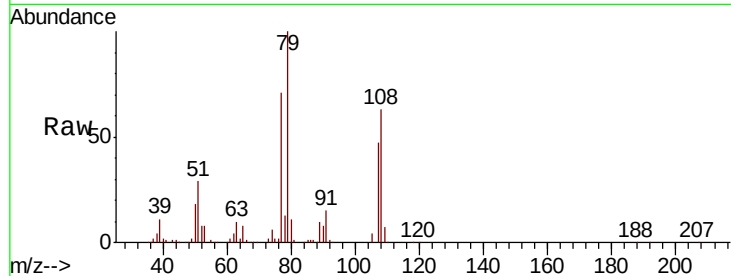
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	169381
Ion Ratio	Lower	Upper	
79	100		
108	63.1	48.3	72.5
77	70.8	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.459 ng

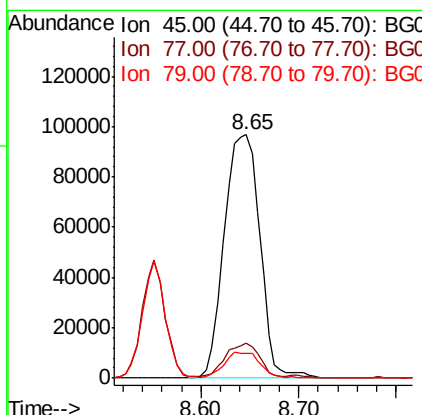
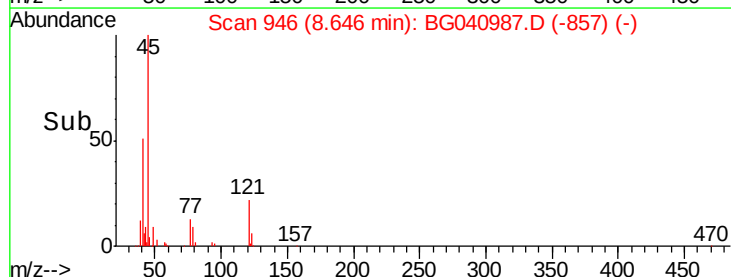
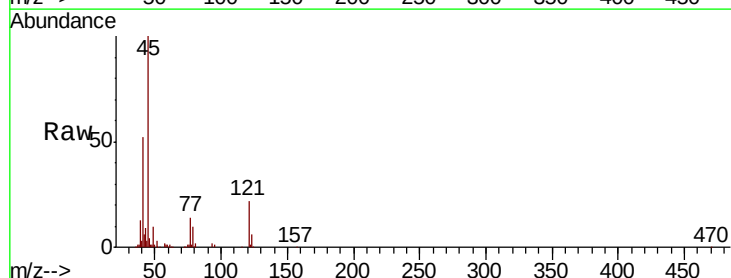
RT: 8.65 min Scan# 946

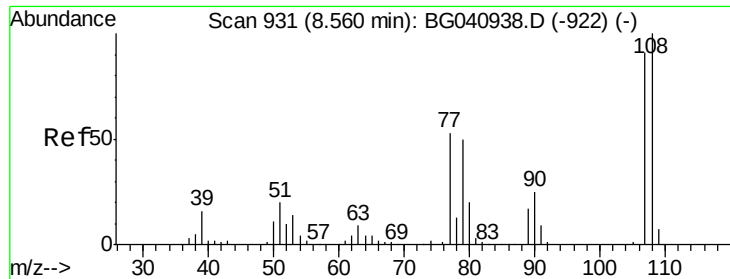
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	45	Resp:	245291
Ion Ratio	Lower	Upper	
45	100		
77	14.4	0.0	33.7
79	10.2	0.0	30.2





#17

2-Methylphenol

Concen: 36.419 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

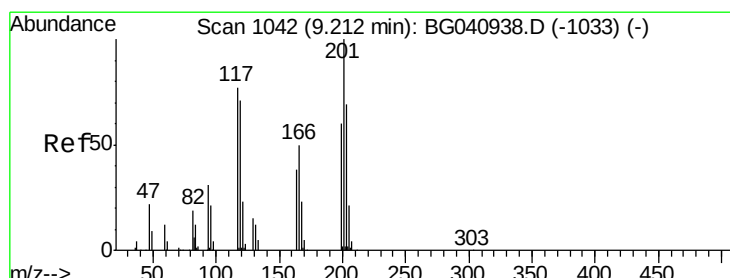
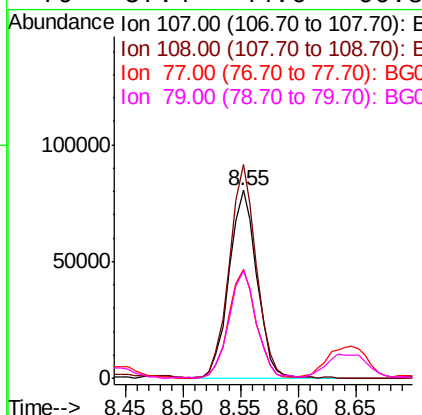
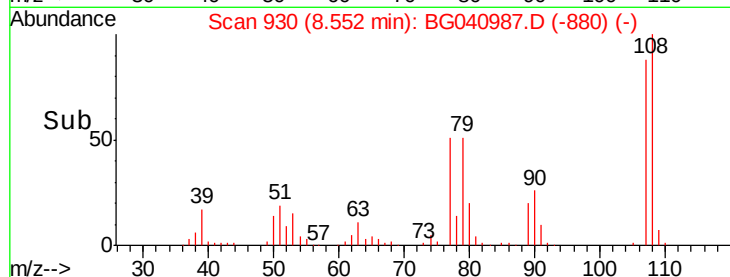
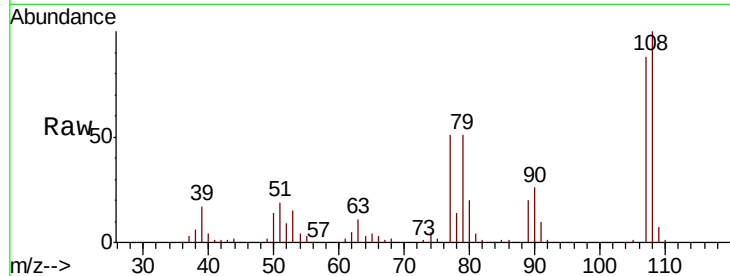
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	134858
Ion Ratio	Lower	Upper	
107	100		
108	113.5	87.7	131.5
77	58.1	46.6	70.0
79	57.4	44.6	66.8

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#18

Hexachloroethane

Concen: 41.803 ng

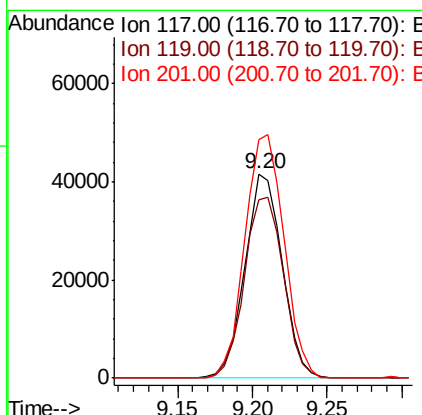
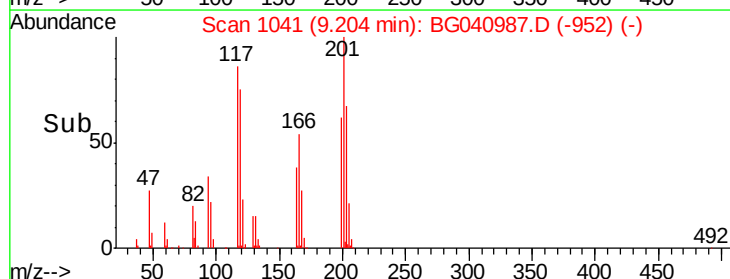
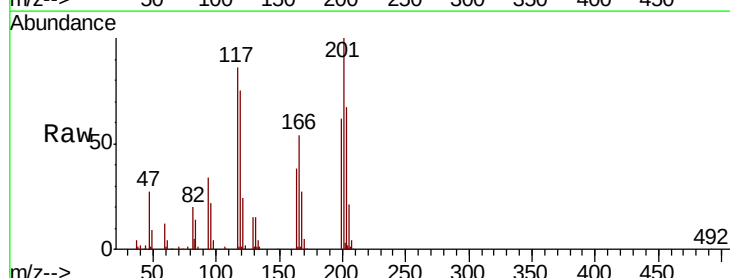
RT: 9.20 min Scan# 1041

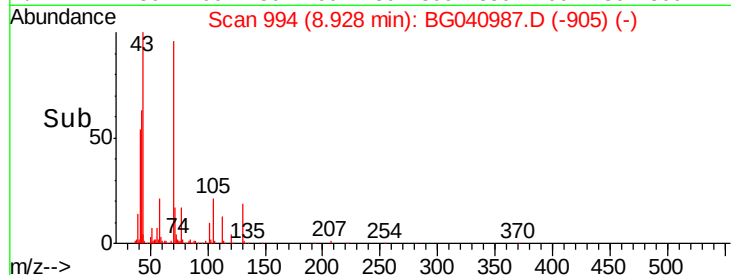
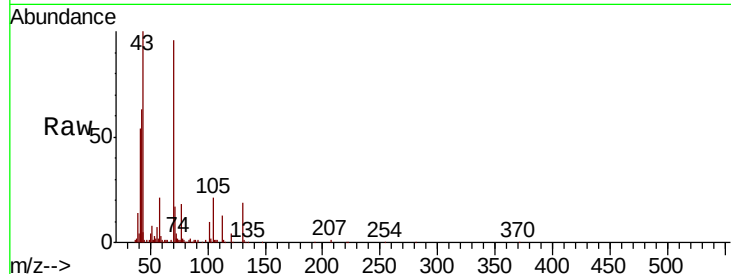
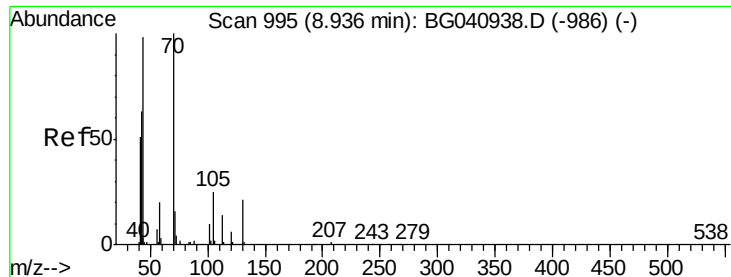
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	117	Resp:	71721
Ion Ratio	Lower	Upper	
117	100		
119	87.4	75.0	112.6
201	116.8	103.5	155.3





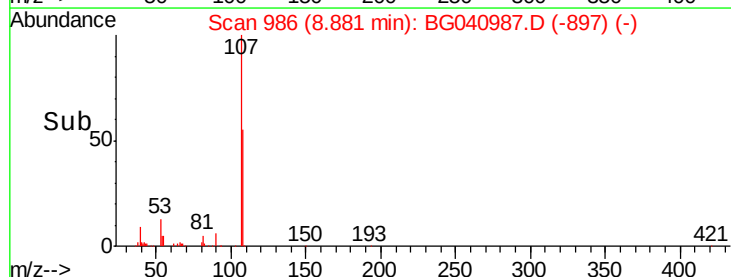
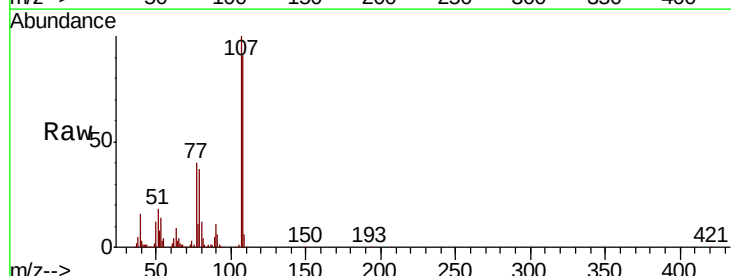
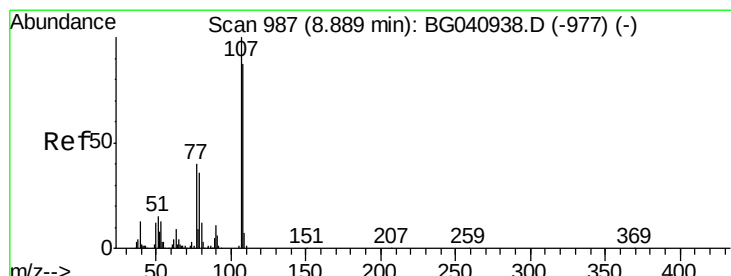
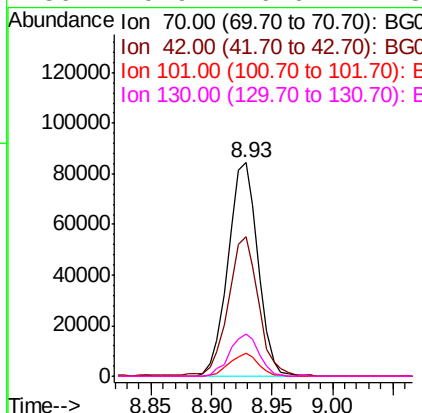
#19
n-Nitroso-di-n-propylamine
Concen: 39.468 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.1	51.5	77.3	
101	10.7	8.1	12.1	
130	19.9	16.6	24.8	

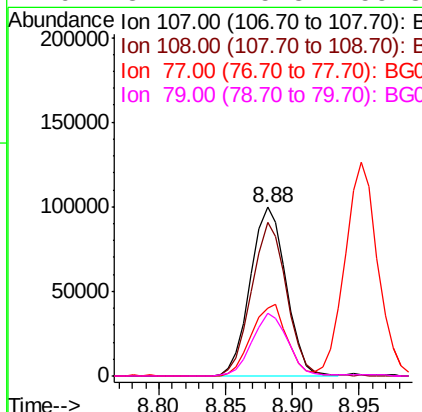
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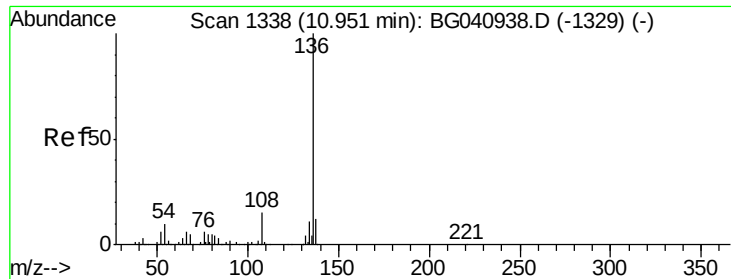
mohammad
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#20
3+4-Methylphenols
Concen: 35.992 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.7	66.8	106.8	
77	40.1	20.5	60.5	
79	37.1	15.8	55.8	





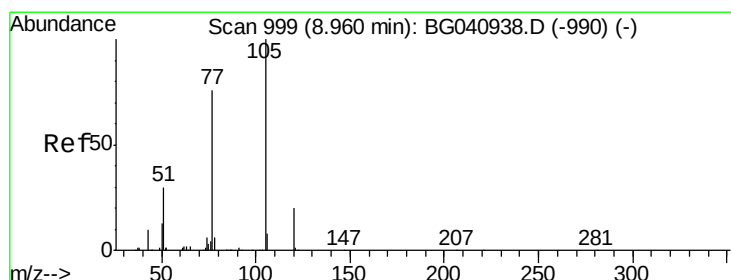
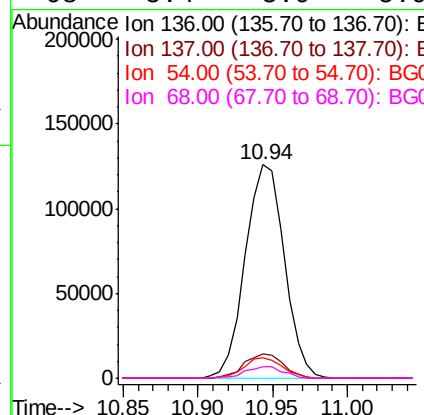
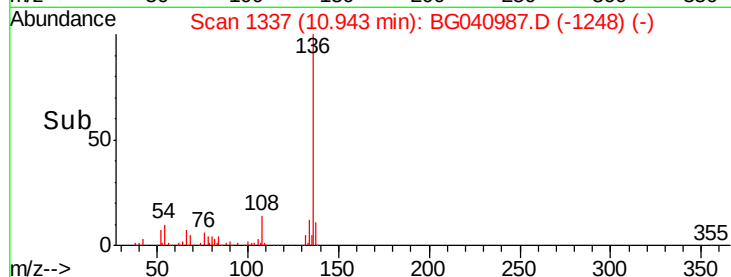
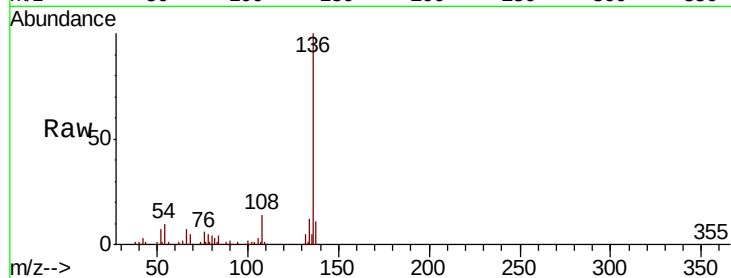
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.5	14.3	
54	9.7	7.6	11.4	
68	5.4	3.9	5.9	

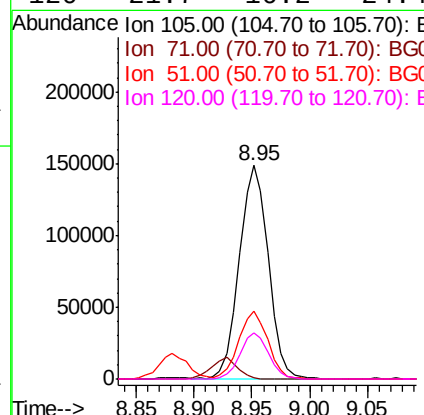
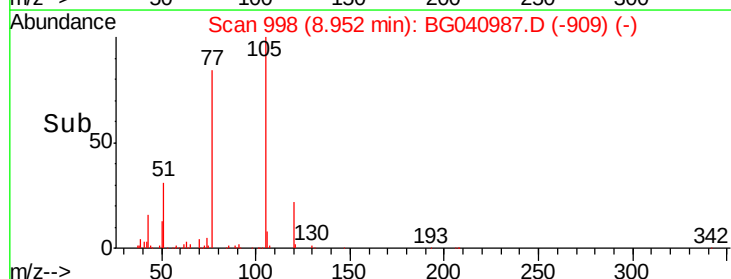
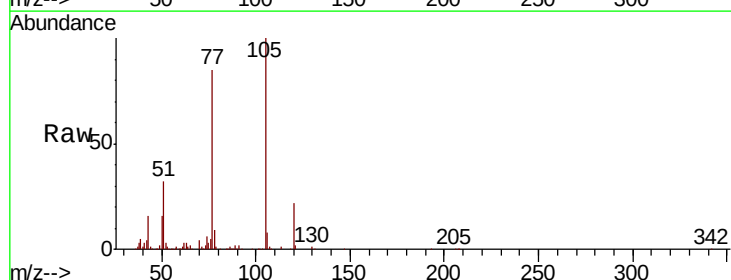
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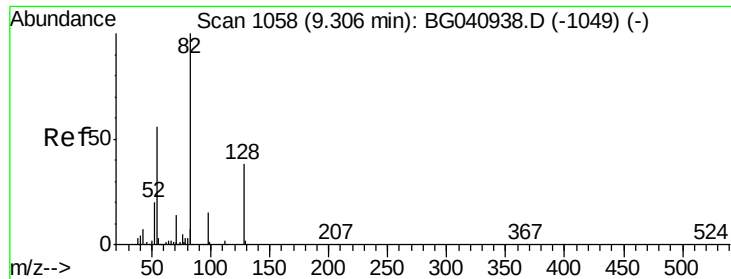
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#22
Acetophenone
Concen: 40.381 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.6	0.4	0.6#	
51	31.8	27.0	40.6	
120	21.7	16.2	24.4	





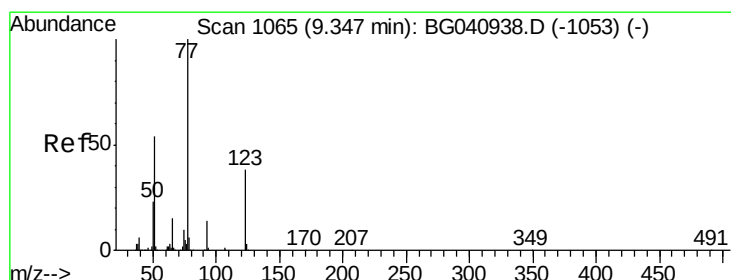
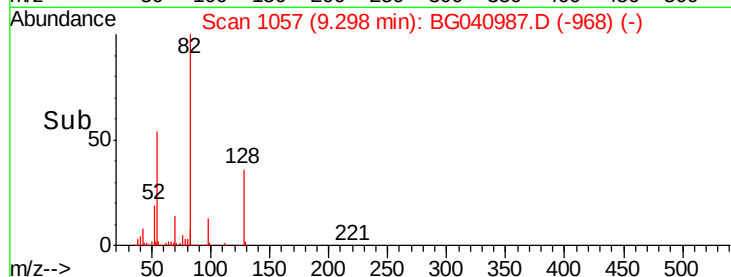
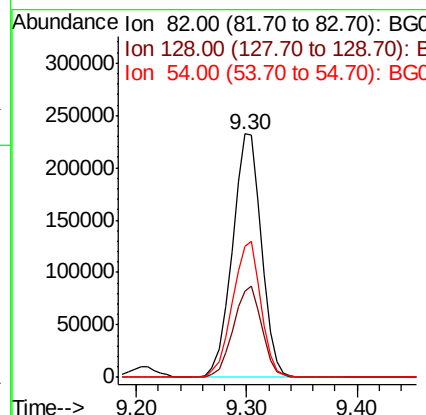
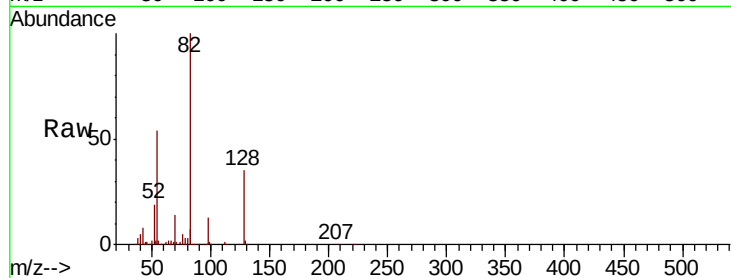
#23
 Nitrobenzene-d5
 Concen: 83.153 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.5	45.7
54	53.5	44.6	66.8

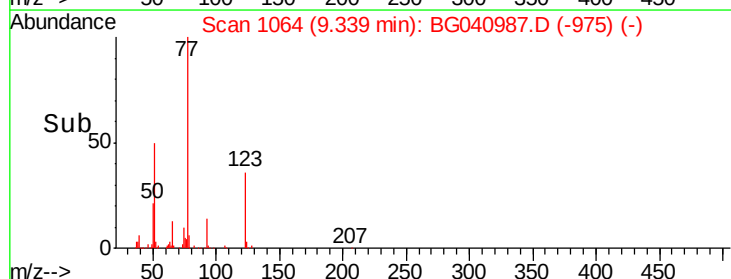
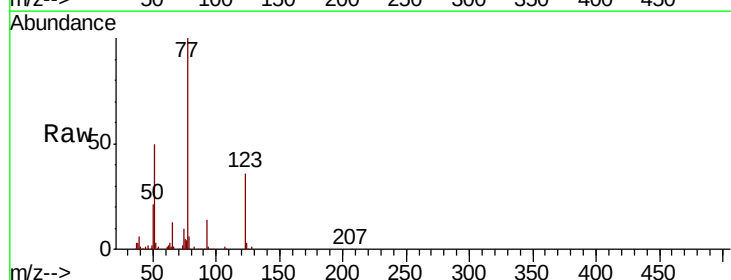
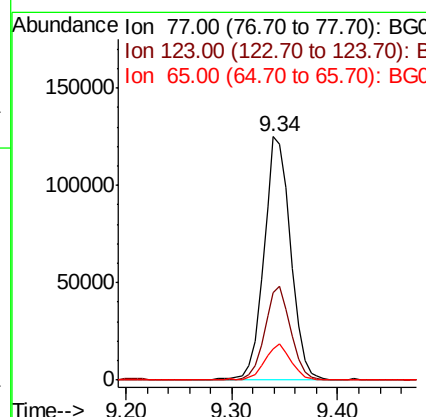
Manual Integrations
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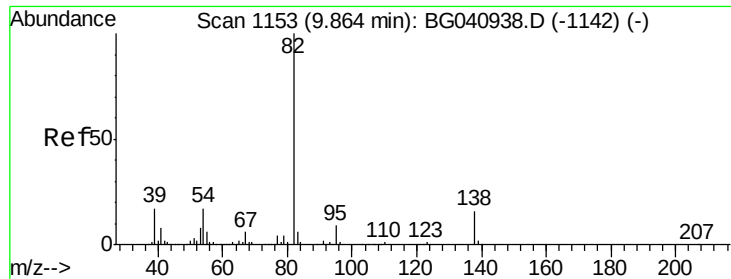
mohammad
 6/3/2019 8:50:22 AM



#24
 Nitrobenzene
 Concen: 41.836 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	30.6	46.0
65	13.0	12.3	18.5





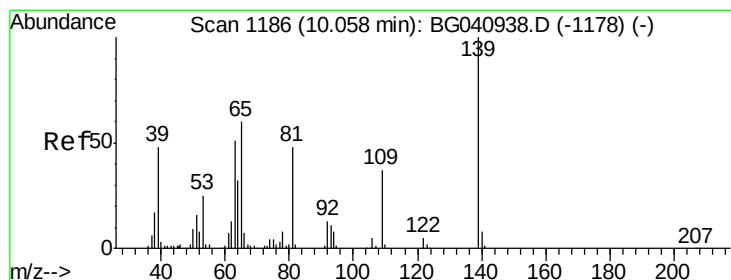
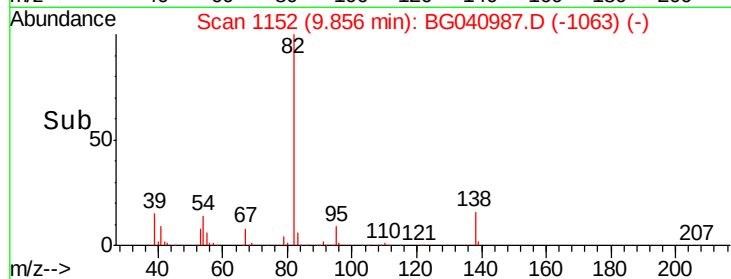
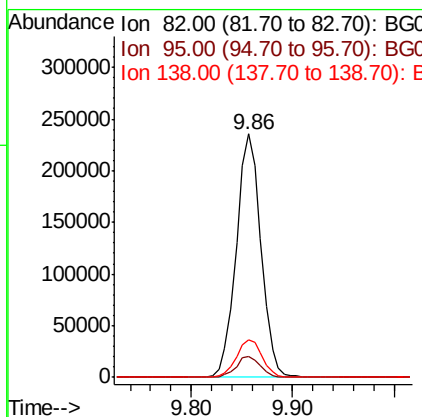
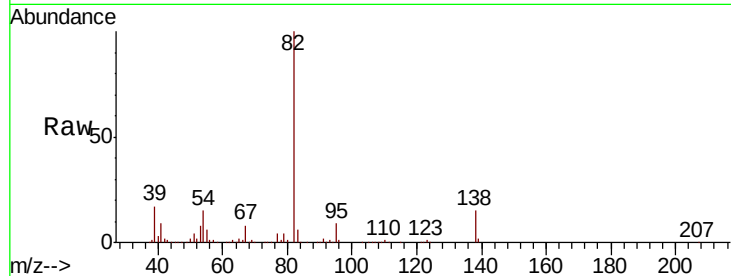
#25
Isophorone
Concen: 40.449 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	396412		
95	8.7	7.0	10.4	
138	15.4	12.6	19.0	

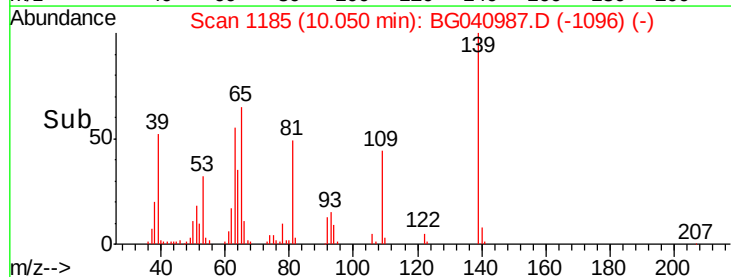
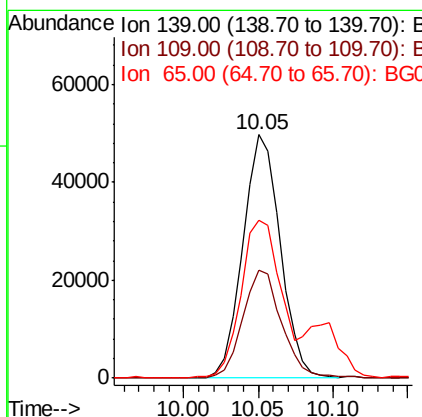
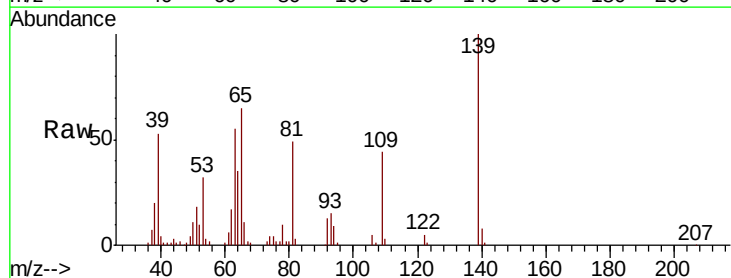
Manual Integrations
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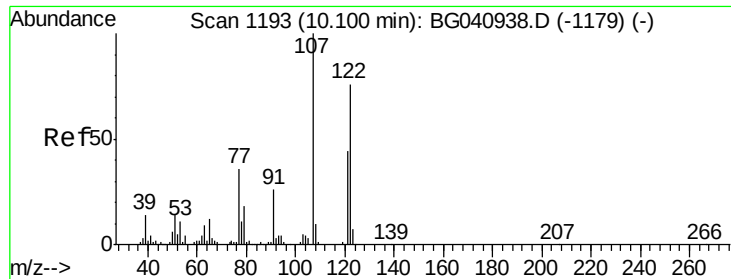
mohammad
6/3/2019 8:50:22 AM



#26
2-Nitrophenol
Concen: 39.823 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	86157		
109	44.2	29.8	44.6	
65	64.9	47.8	71.6	





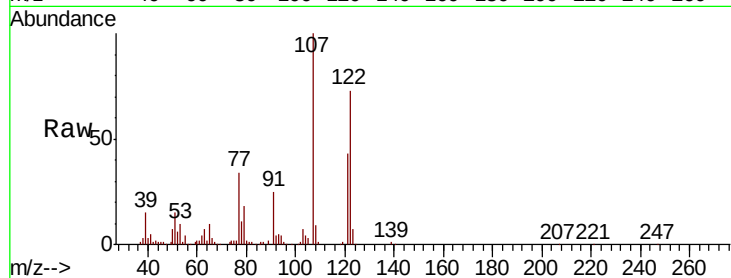
#27
 2,4-Dimethylphenol
 Concen: 39.384 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.3	105.9	158.9
121	59.1	46.2	69.4

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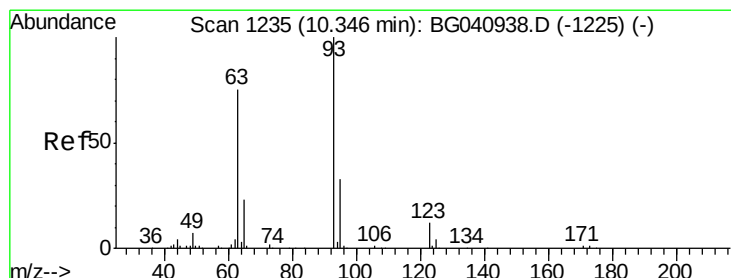
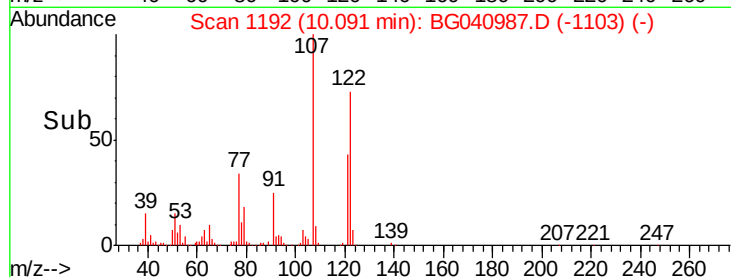
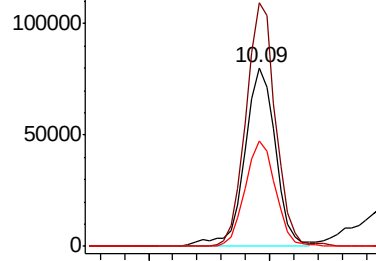


Abundance

Ion 122.00 (121.70 to 122.70): E

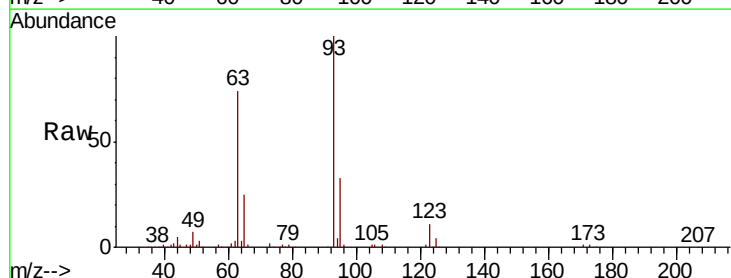
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.803 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	11.0	9.5	14.3

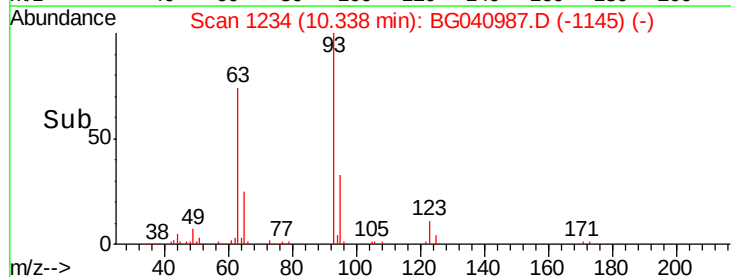
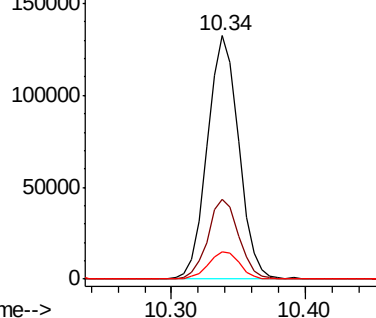


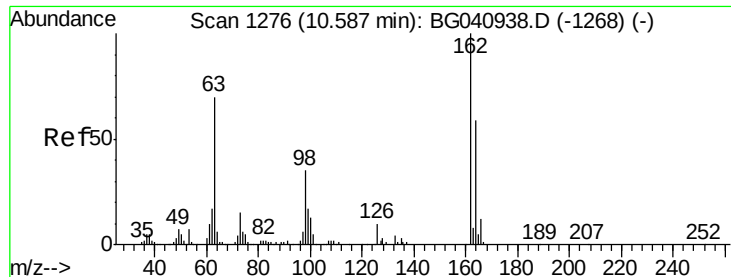
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





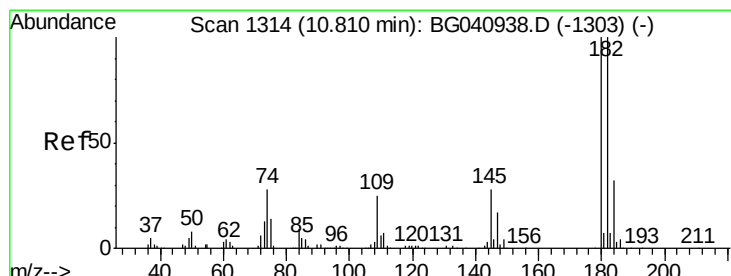
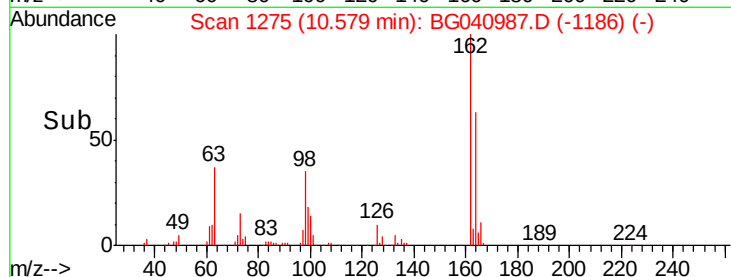
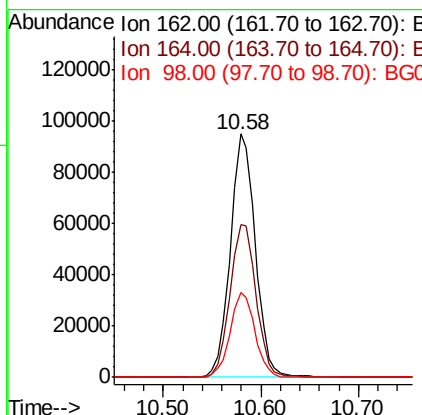
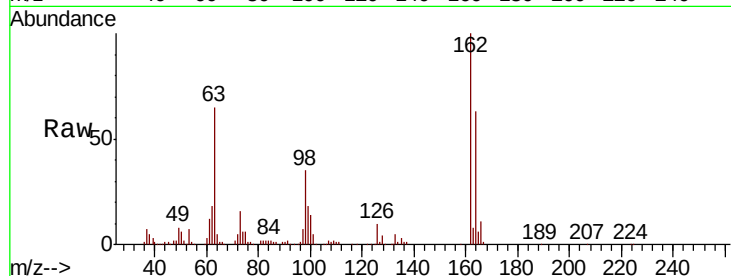
#29
2,4-Dichlorophenol
Concen: 37.270 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	169109		
164	62.8	39.4	79.4	
98	35.0	15.3	55.3	

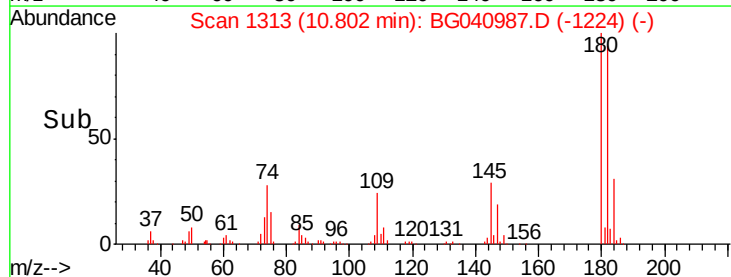
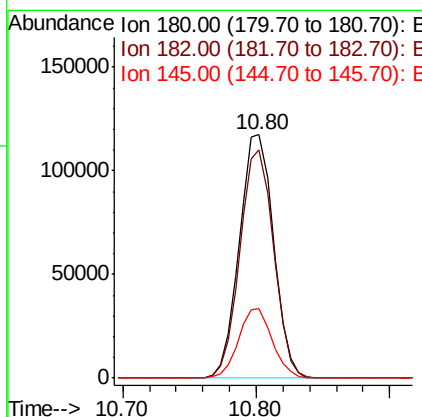
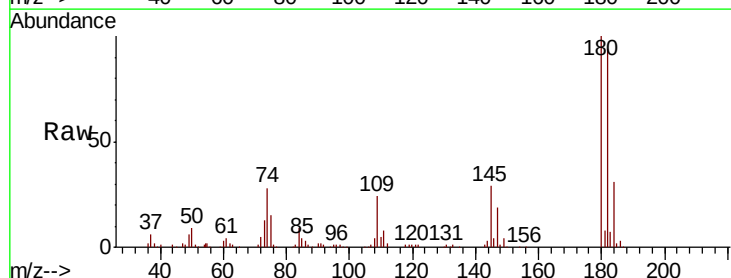
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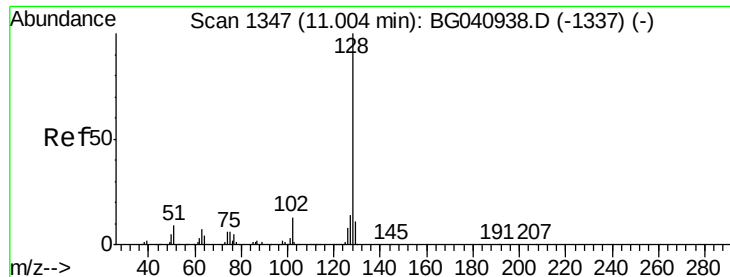
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#30
1,2,4-Trichlorobenzene
Concen: 40.180 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	207399		
182	93.5	79.7	119.5	
145	28.6	22.6	34.0	





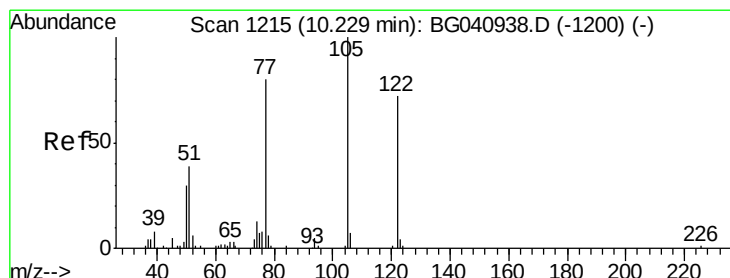
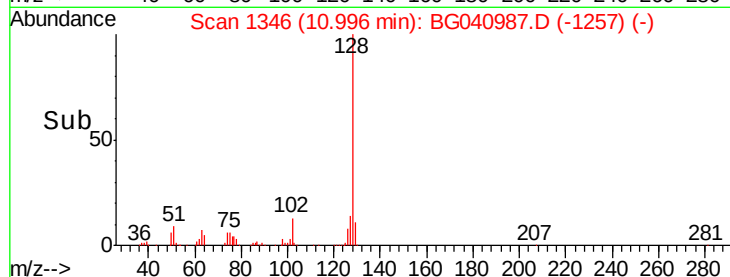
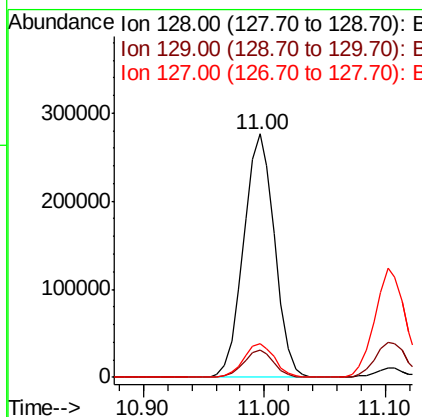
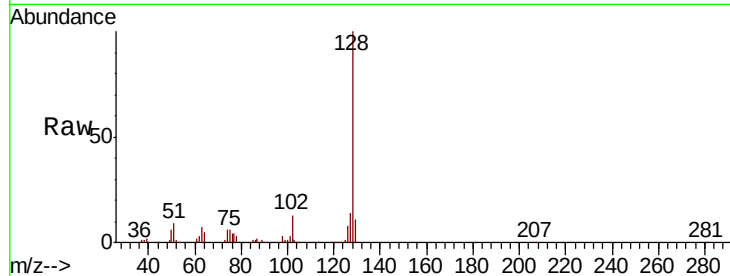
#31
Naphthalene
Concen: 40.104 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.5	12.7
127	14.0	11.4	17.2

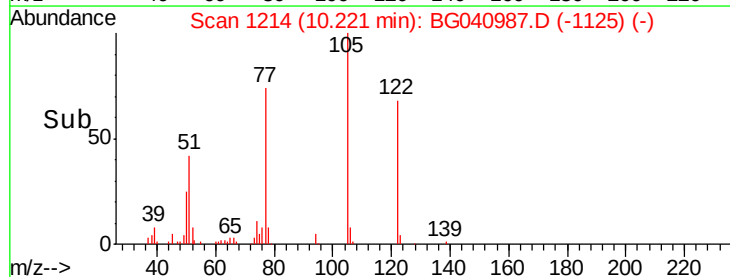
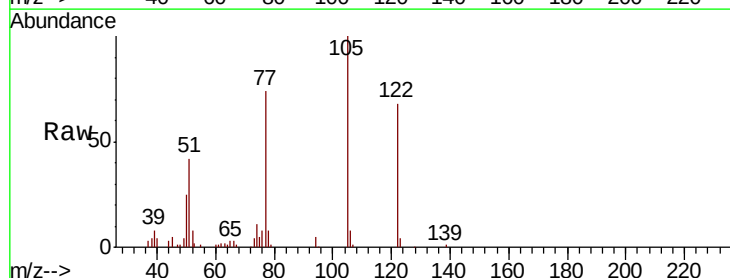
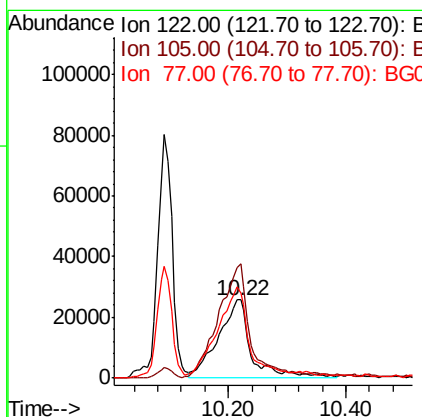
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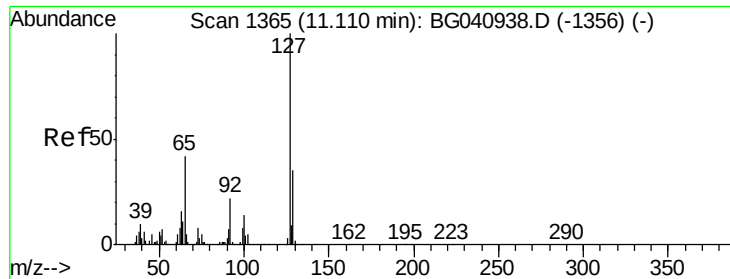
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#32
Benzoic acid
Concen: 37.324 ng m
RT: 10.22 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.0	114.8	154.8
77	108.0	89.9	129.9





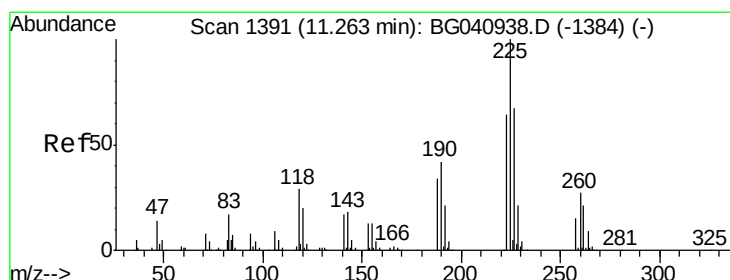
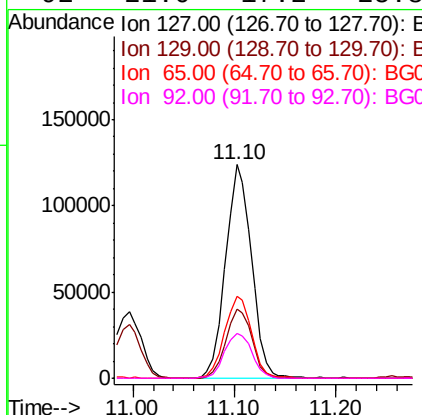
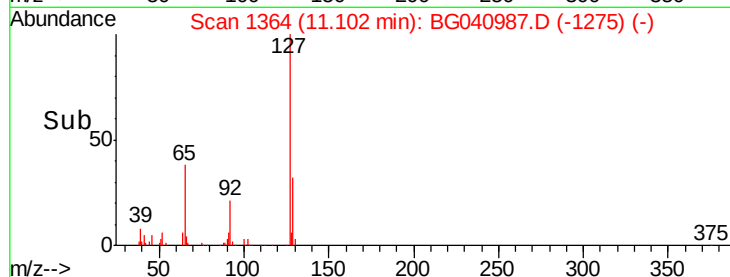
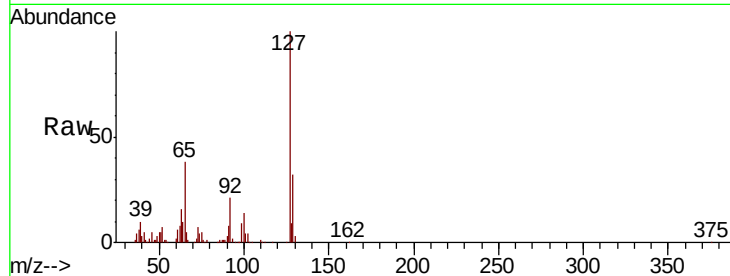
#33
4-Chloroaniline
Concen: 38.602 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.7	41.5
65	38.2	33.2	49.8
92	21.0	17.2	25.8

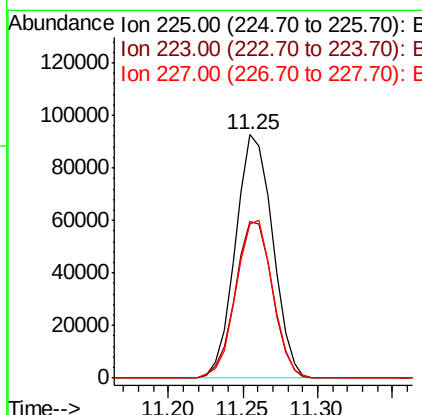
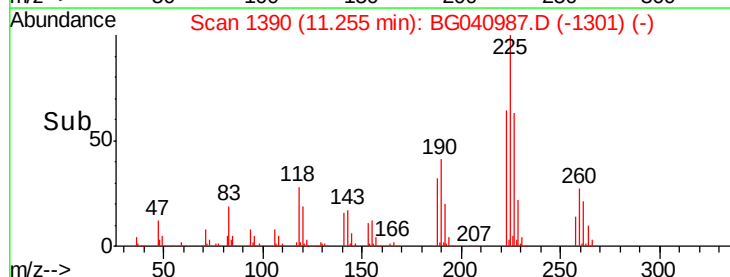
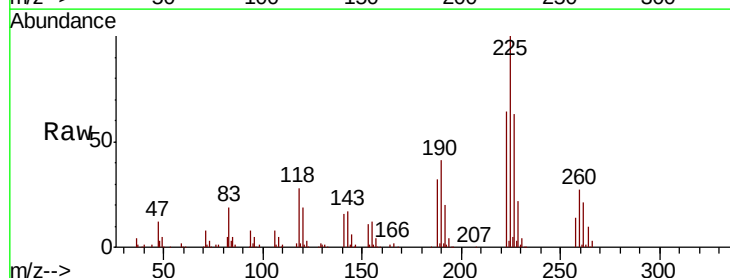
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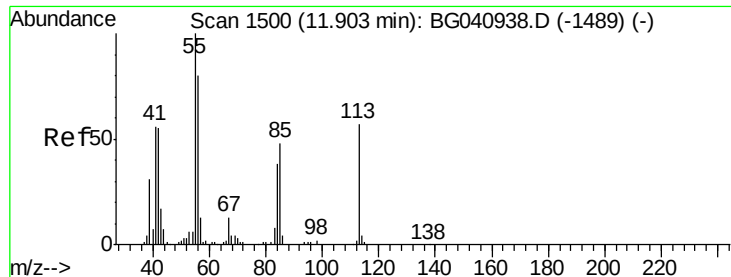
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#34
Hexachlorobutadiene
Concen: 40.598 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.8	73.2
227	63.1	51.4	77.0





#35

Caprolactam

Concen: 37.386 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

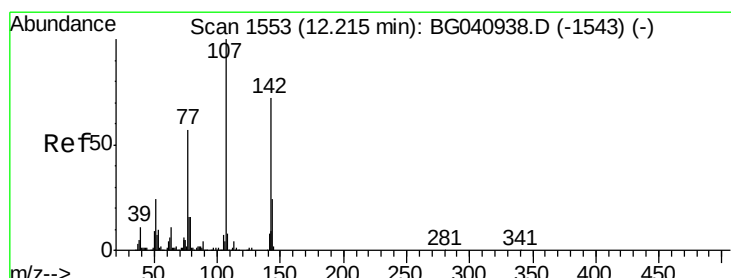
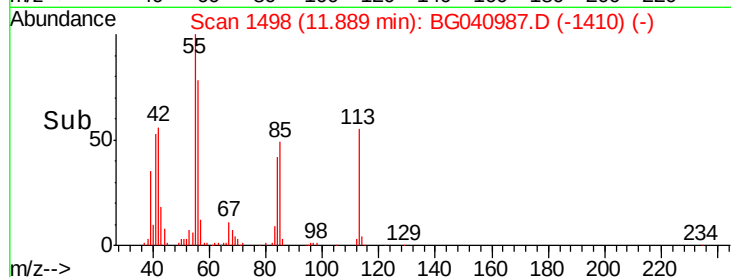
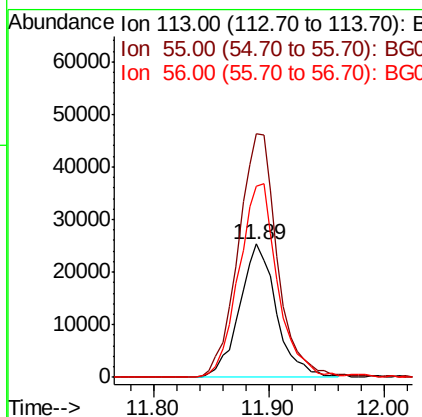
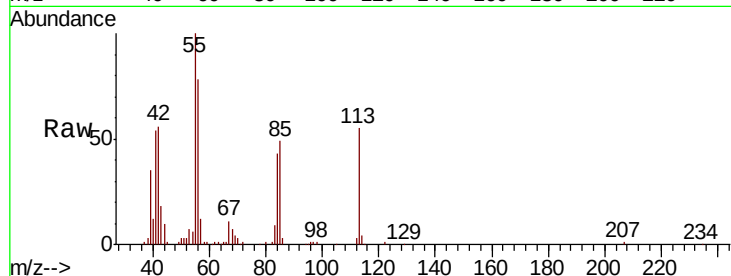
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	56018
Ion	Ratio	Lower	Upper
113	100		
55	182.6	155.9	195.9
56	143.0	119.9	159.9

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#36

4-Chloro-3-methylphenol

Concen: 37.052 ng

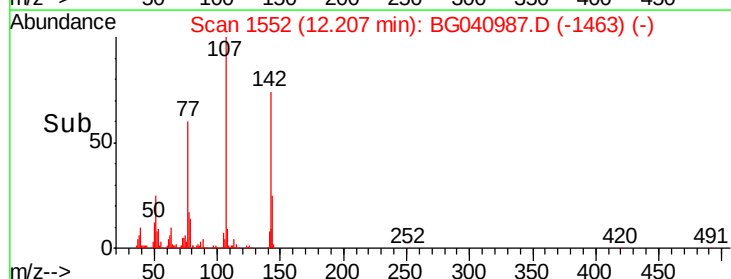
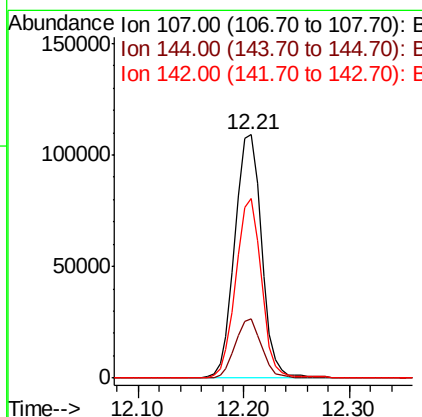
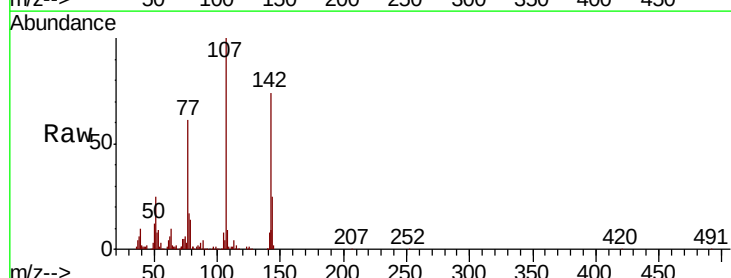
RT: 12.21 min Scan# 1552

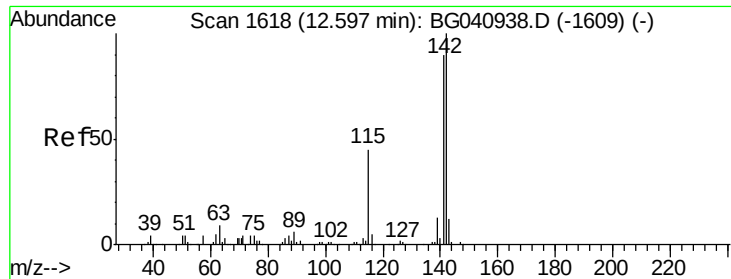
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	107	Resp:	192005
Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.4	29.0
142	73.8	57.3	85.9





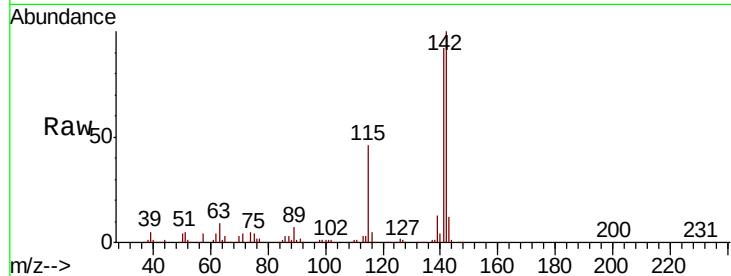
#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.2	108.4
115	45.9	36.2	54.4

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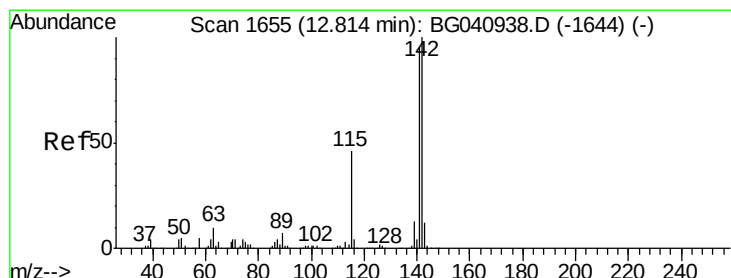
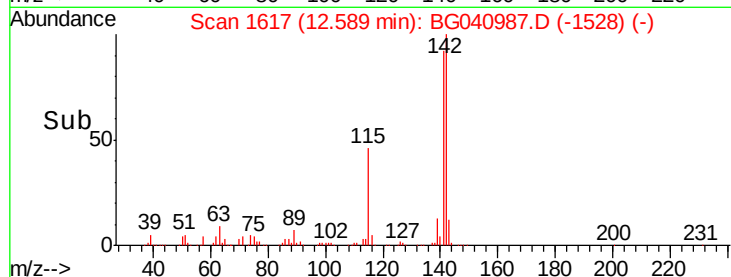
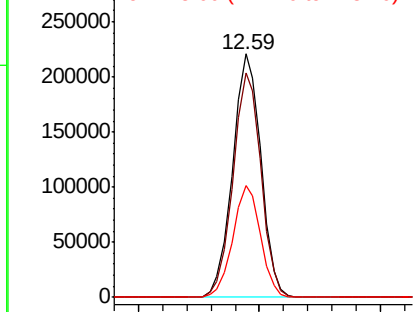


Abundance

Ion 142.00 (141.70 to 142.70): E

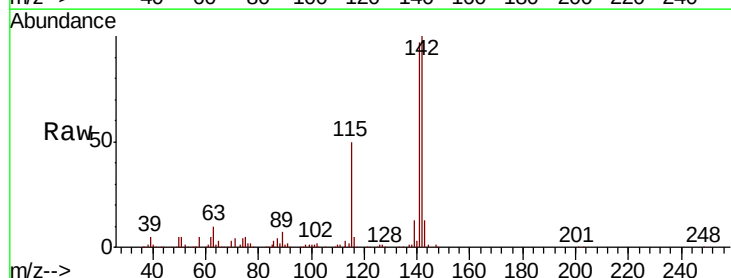
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.063 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.9	75.7	113.5
116	5.1	3.4	5.2

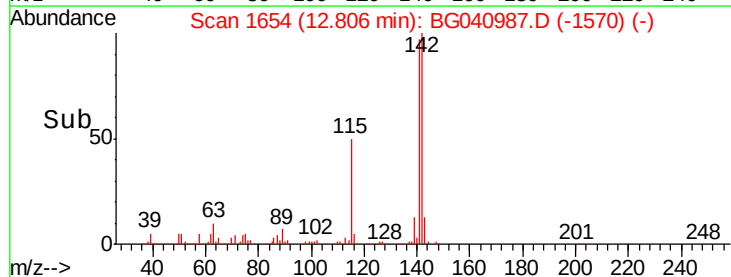
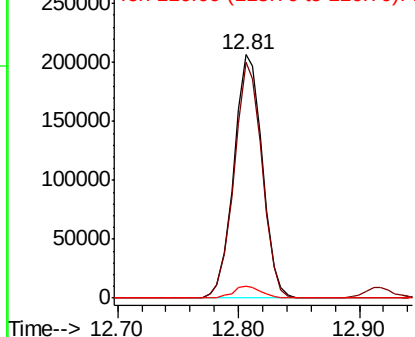


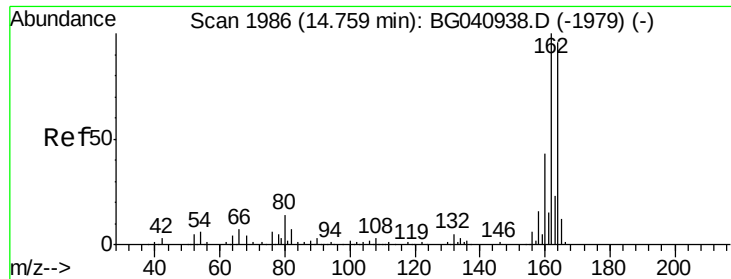
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

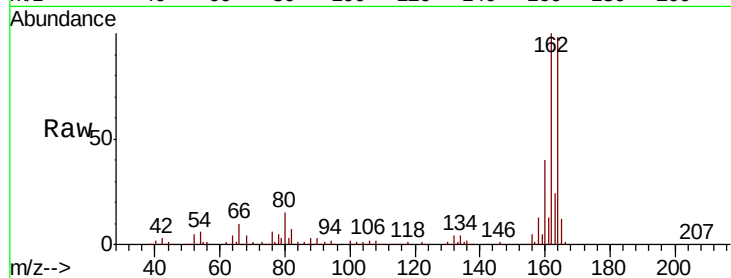
ClientSampleId :

SSTDCCC040EC

Tot Ion:	164	Resp:	168549
Ion Ratio	Lower	Upper	
164	100		
162	102.0	83.0	124.4
160	41.2	35.6	53.4

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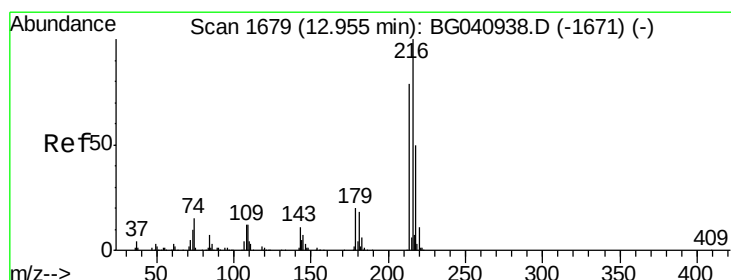
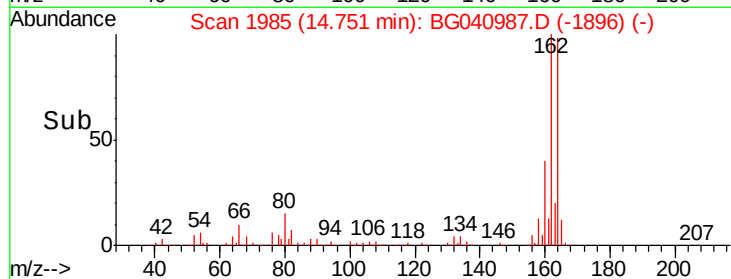
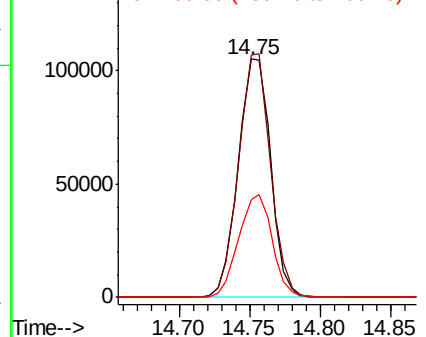


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.540 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	216	Resp:	268615
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.2
179	18.9	15.2	22.8
108	15.8	11.4	17.2

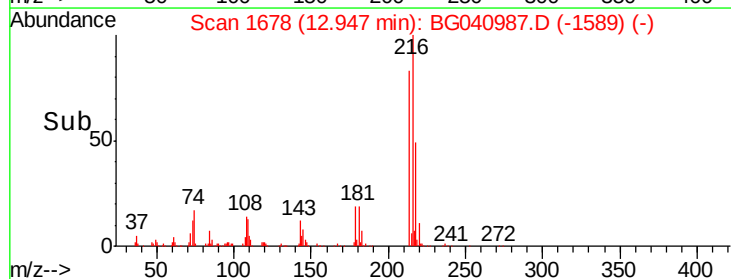
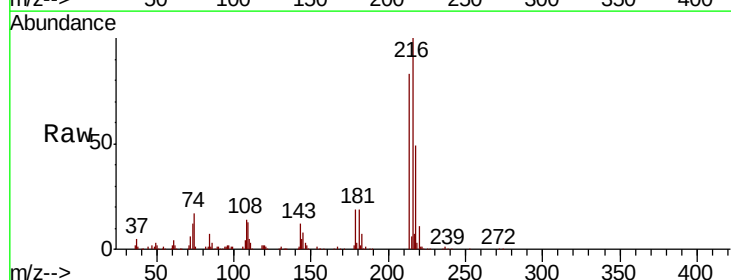
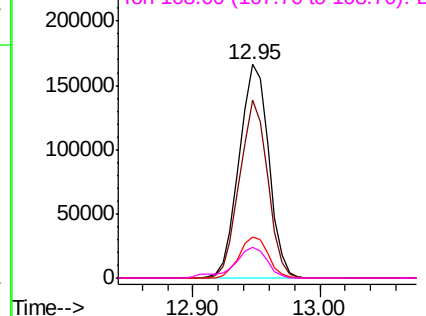
Abundance

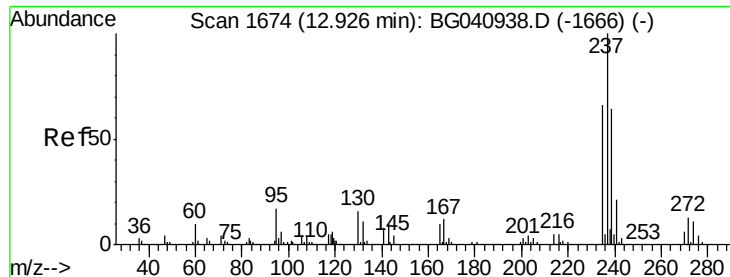
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





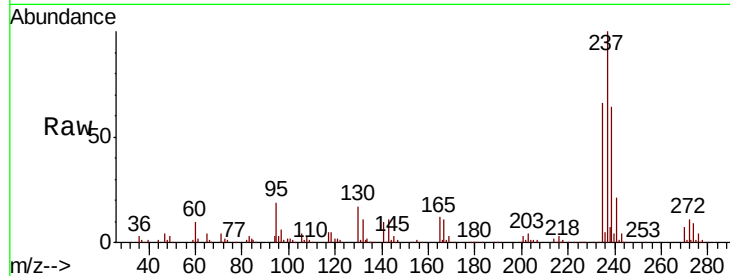
#41
Hexachlorocyclopentadiene
Concen: 45.668 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	66.1	45.5	85.5	
272	11.1	0.0	32.9	

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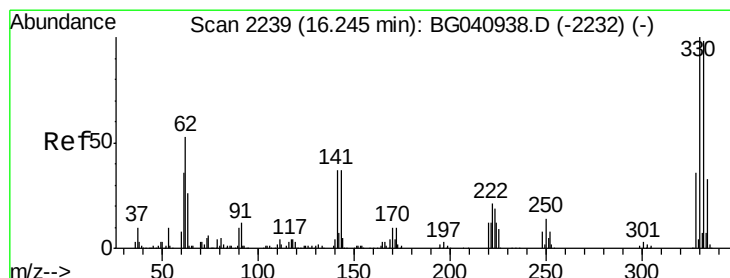
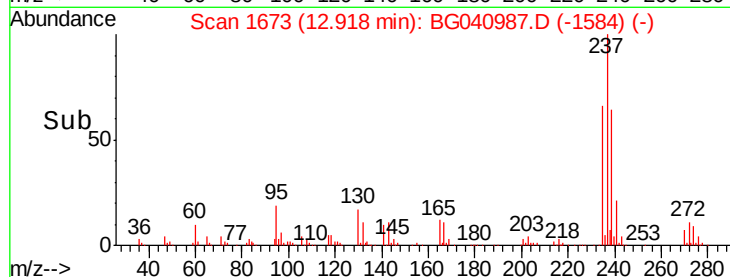
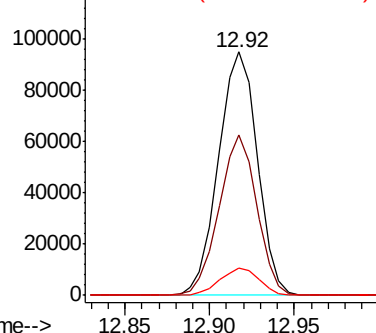


Abundance

Ion 236.80 (236.50 to 237.50): E

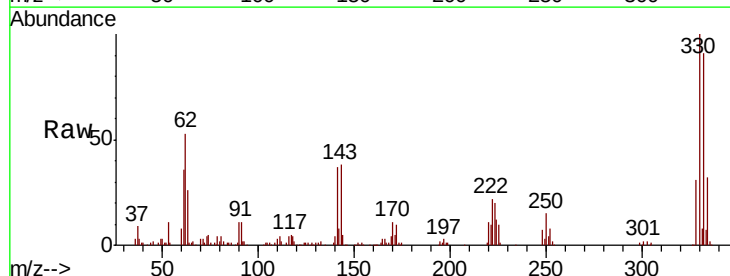
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 79.380 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.7	78.5	117.7	
141	35.6	28.7	43.1	

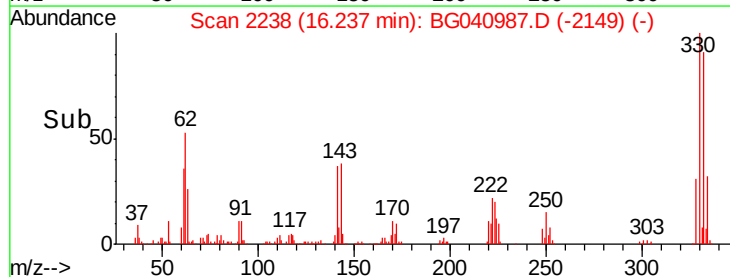
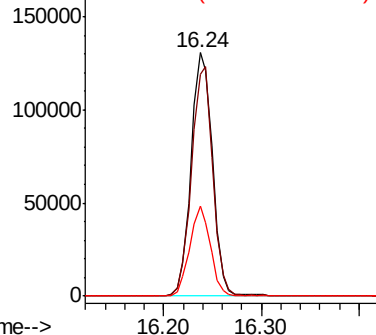


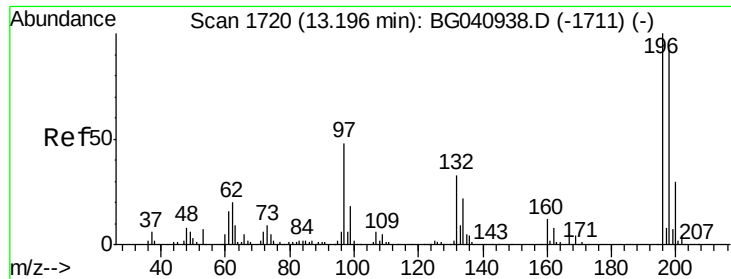
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





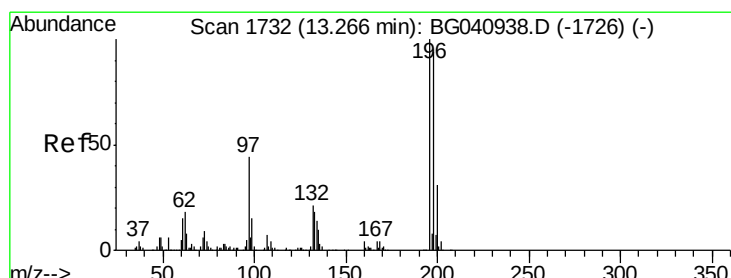
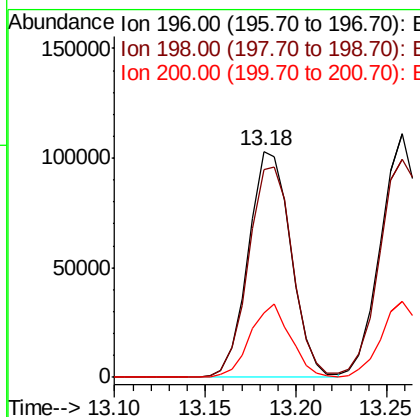
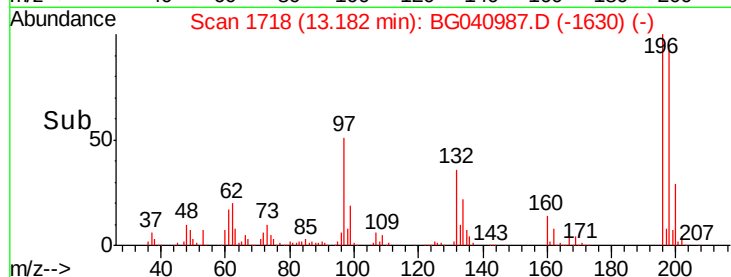
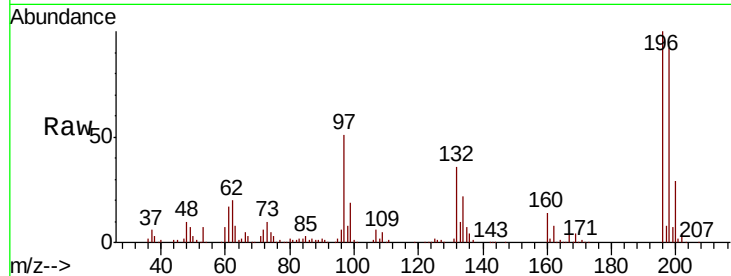
#43
 2,4,6-Trichlorophenol
 Concen: 38.342 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	168504		
198	91.7	73.8	110.6	
200	28.7	24.1	36.1	

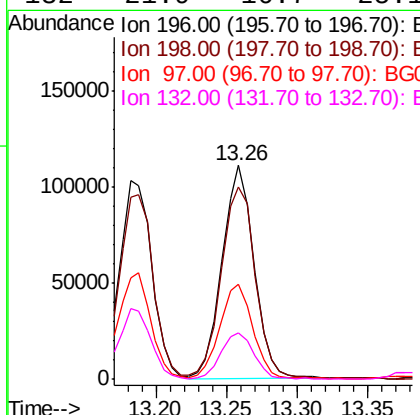
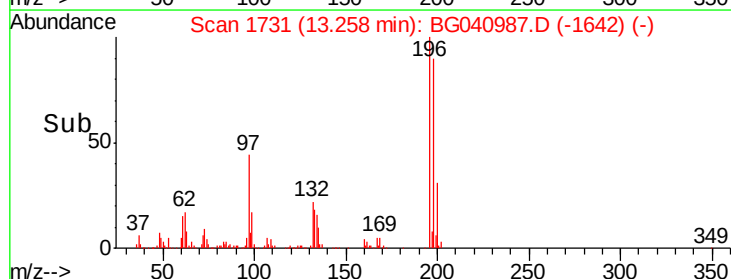
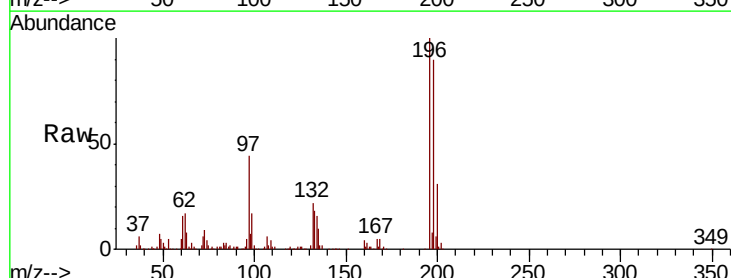
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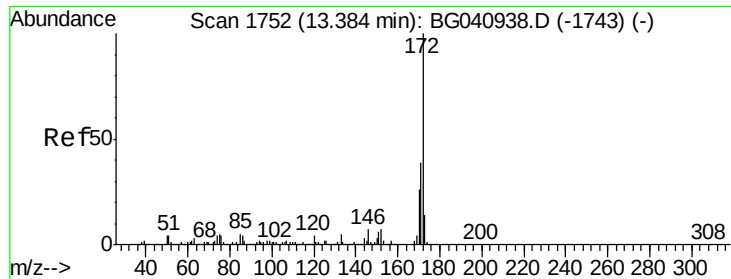
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.652 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174513		
198	89.7	75.1	112.7	
97	44.1	35.6	53.4	
132	21.9	16.7	25.1	





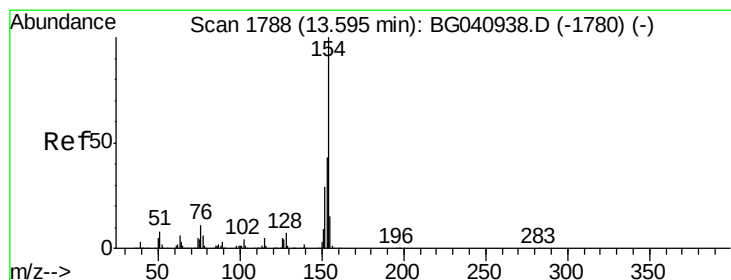
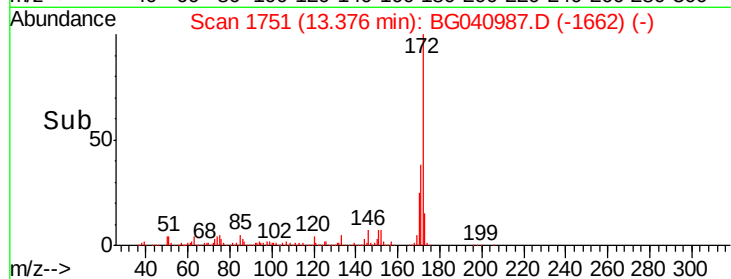
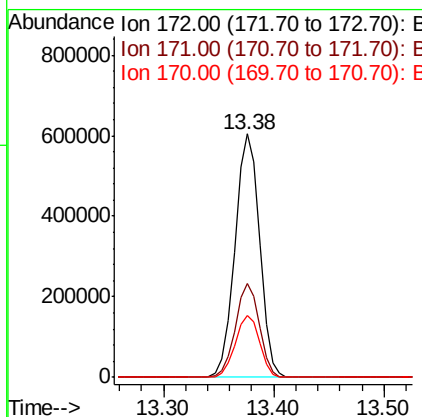
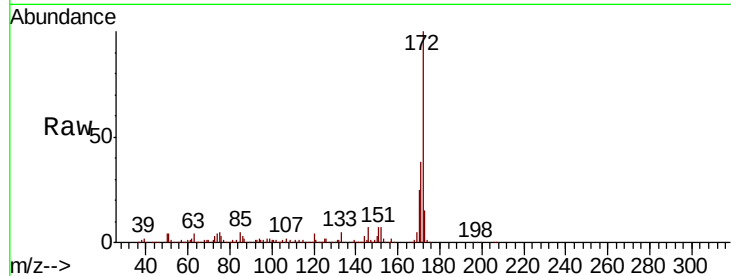
#45
2-Fluorobiphenyl
Concen: 80.782 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:172	Resp:	945467
Ion Ratio	Lower	Upper
172 100		
171 38.3	31.1	46.7
170 25.2	20.5	30.7

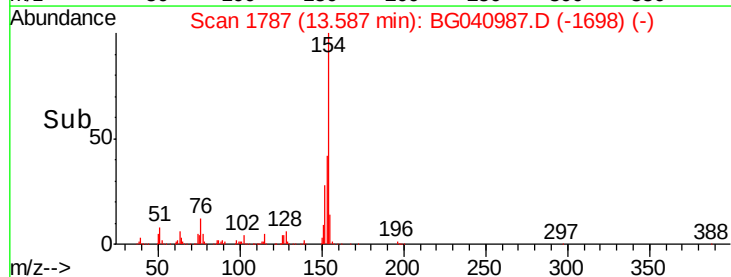
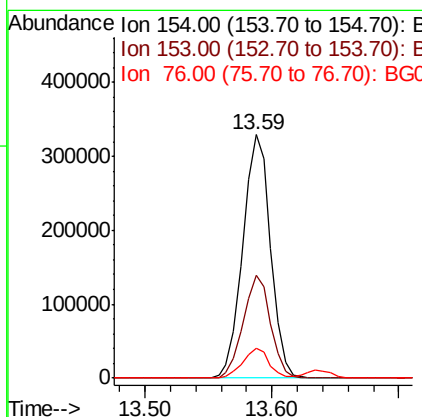
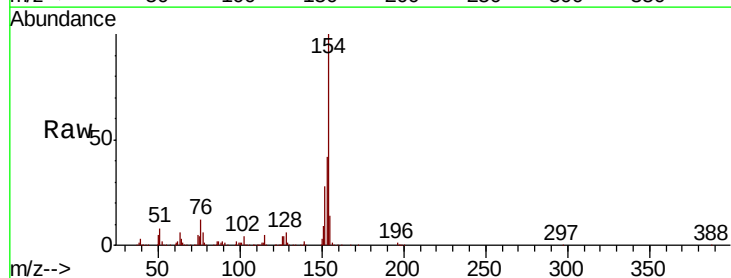
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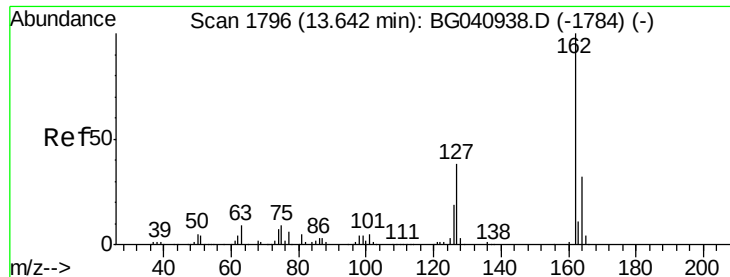
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#46
1,1'-Biphenyl
Concen: 39.831 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion:154	Resp:	496941
Ion Ratio	Lower	Upper
154 100		
153 42.1	23.3	63.3
76 12.1	0.0	31.1





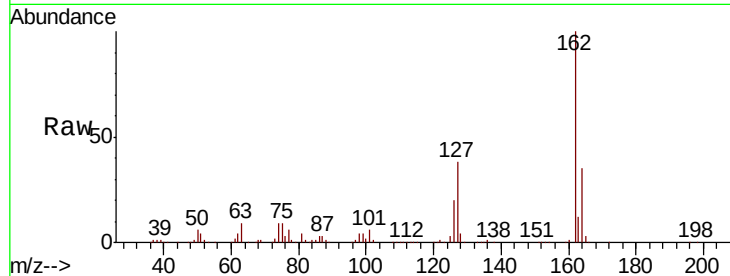
#47
 2-Chloronaphthalene
 Concen: 39.297 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

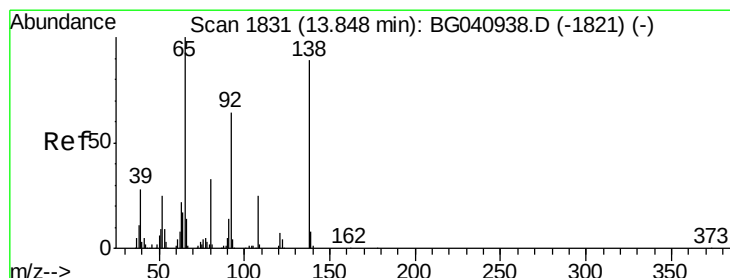
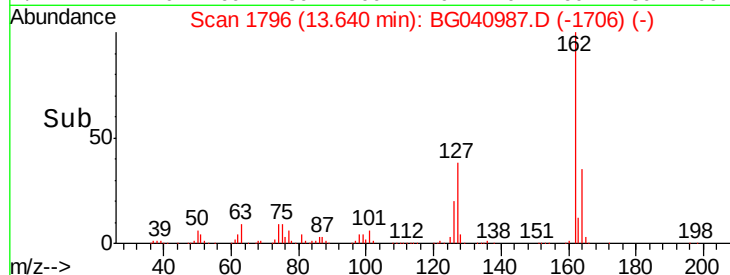
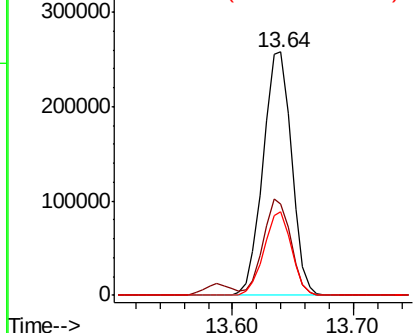
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	37.7	30.5	45.7		
164	34.6	25.8	38.6		

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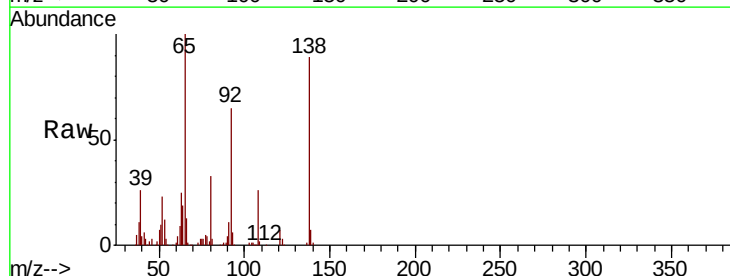


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

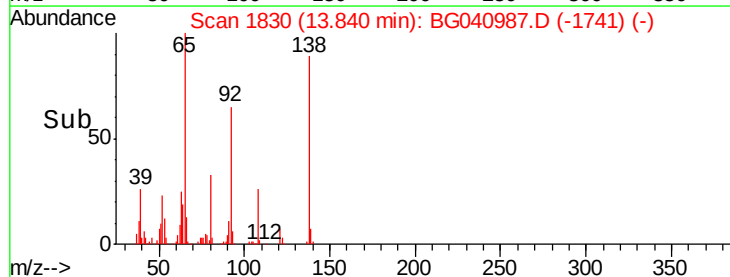
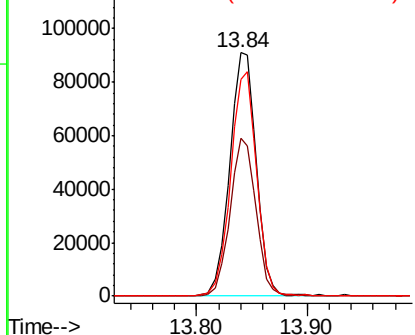


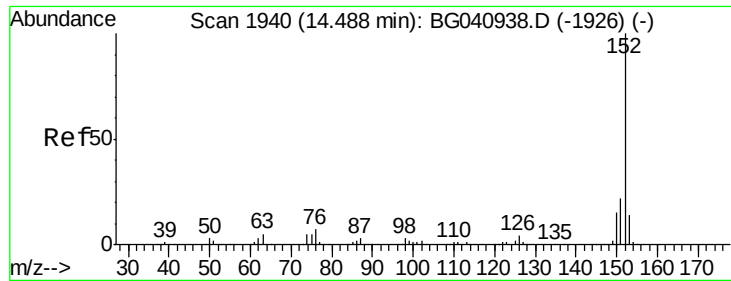
#48
 2-Nitroaniline
 Concen: 39.987 ng
 RT: 13.84 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	64.9	51.0	76.6		
138	89.0	71.2	106.8		



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





#49

Acenaphthylene

Concen: 39.050 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

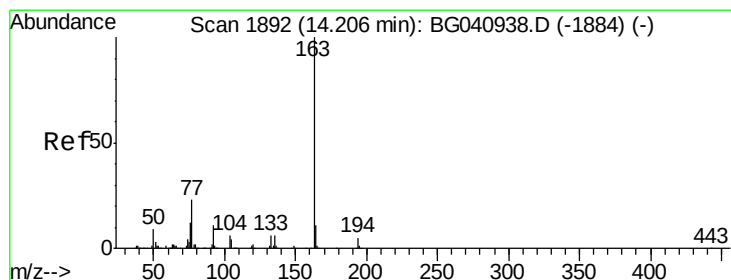
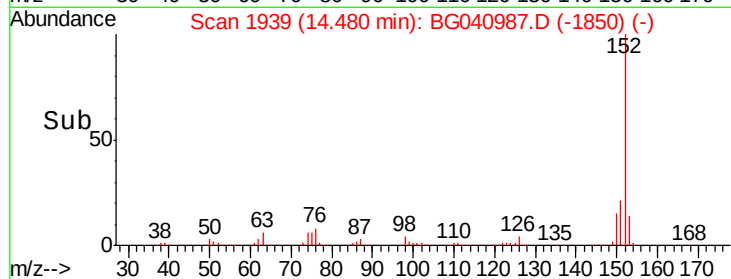
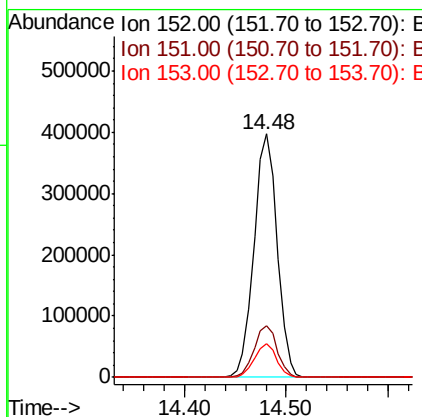
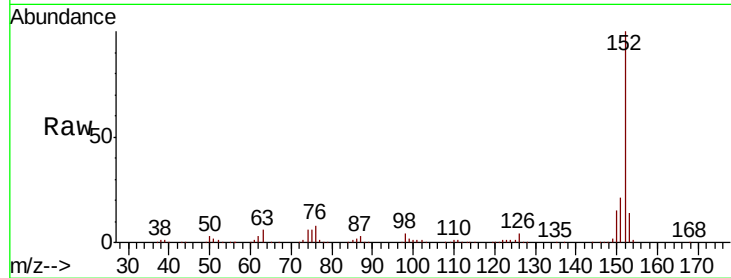
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	629490
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.4	26.0
153	14.0	11.0	16.4

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#50

Dimethylphthalate

Concen: 39.059 ng

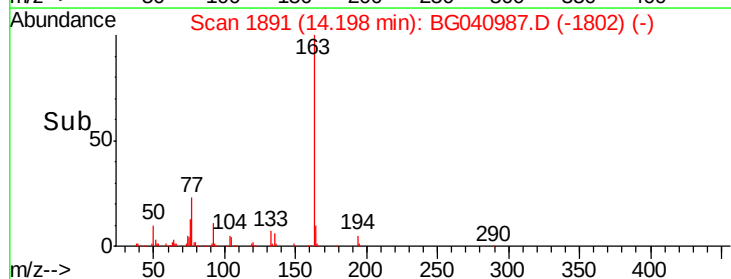
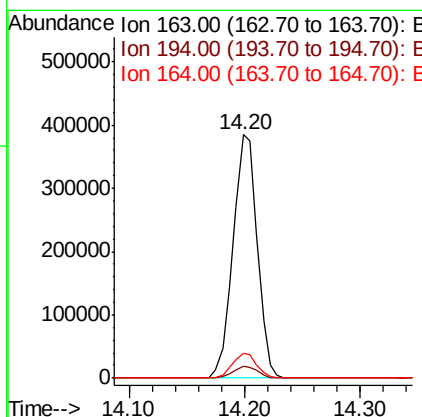
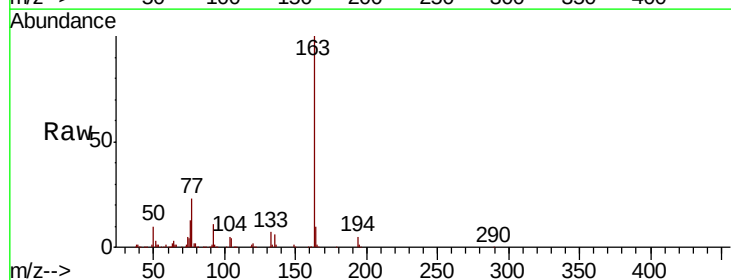
RT: 14.20 min Scan# 1891

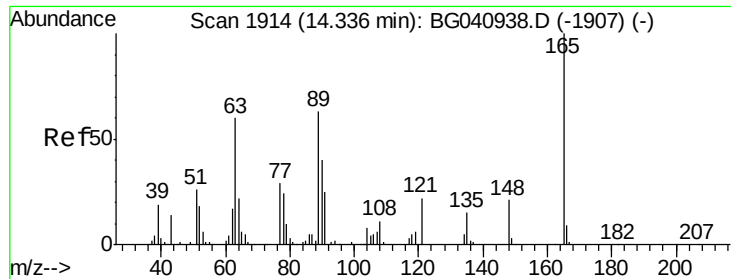
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	163	Resp:	557282
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	10.3	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 38.599 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

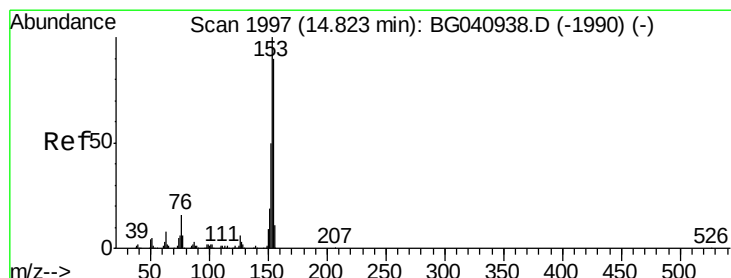
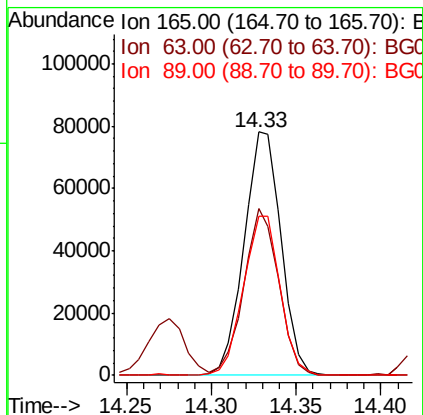
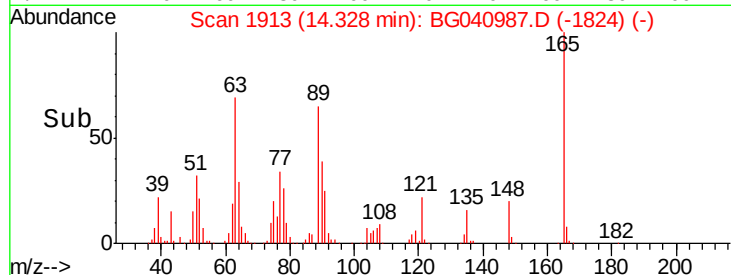
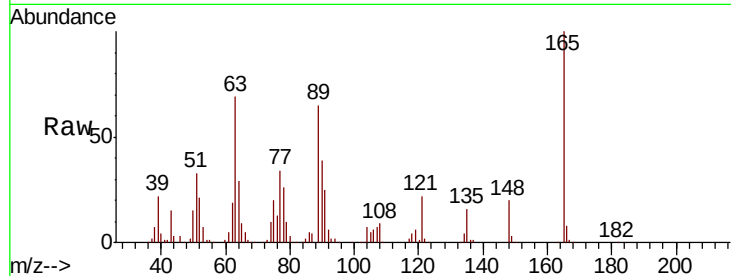
ClientSampleId :

SSTDCCC040EC

Tot Ion:	165	Resp:	118740
Ion Ratio	Lower	Upper	
165	100		
63	68.7	53.6	80.4
89	65.5	50.4	75.6

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#52

Acenaphthene

Concen: 38.793 ng

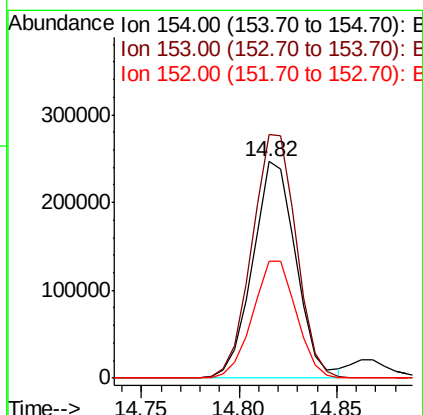
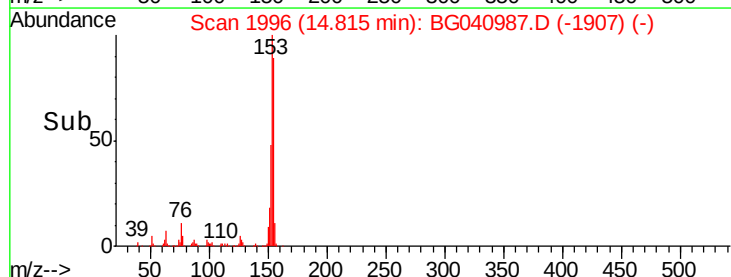
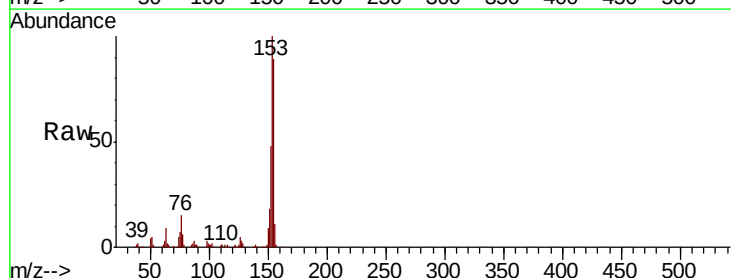
RT: 14.82 min Scan# 1996

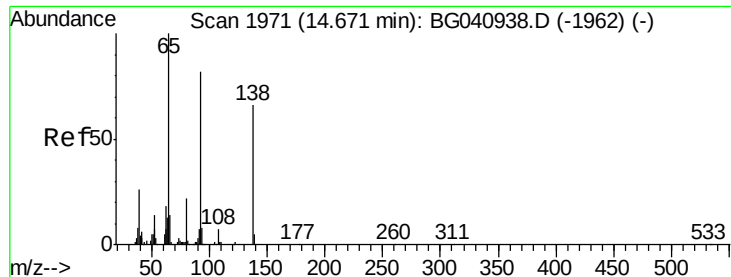
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	154	Resp:	378838
Ion Ratio	Lower	Upper	
154	100		
153	112.5	88.6	133.0
152	54.0	44.2	66.4





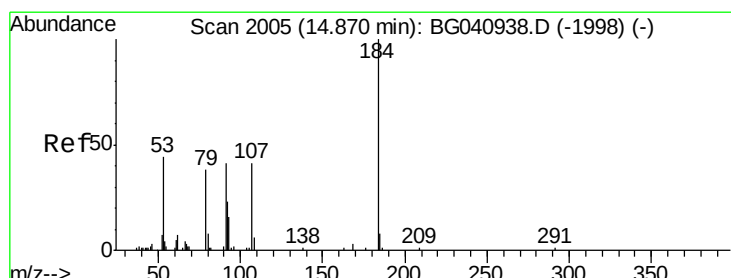
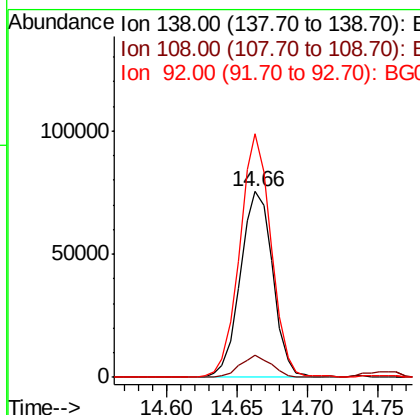
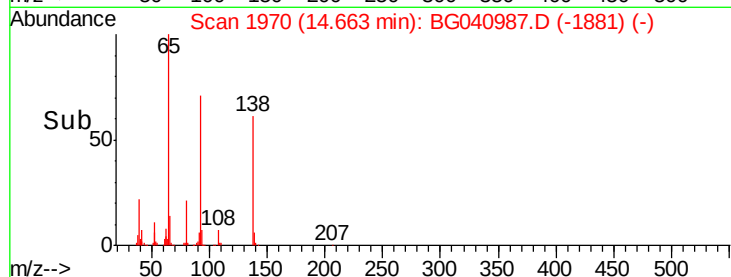
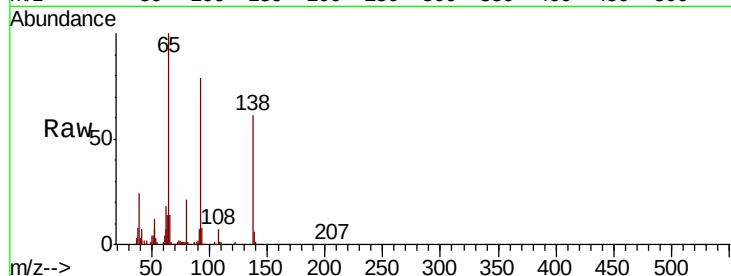
#53
3-Nitroaniline
Concen: 39.673 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.5	12.7
92	131.0	99.0	148.6

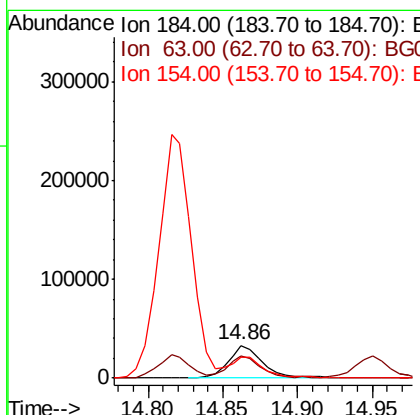
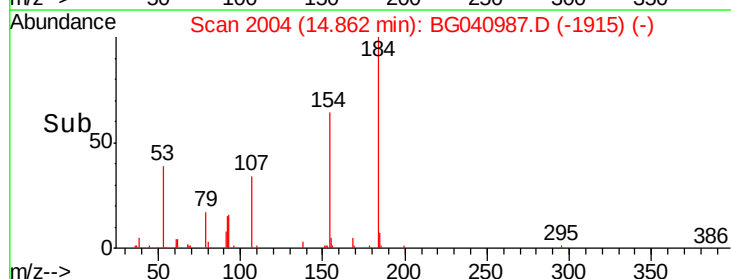
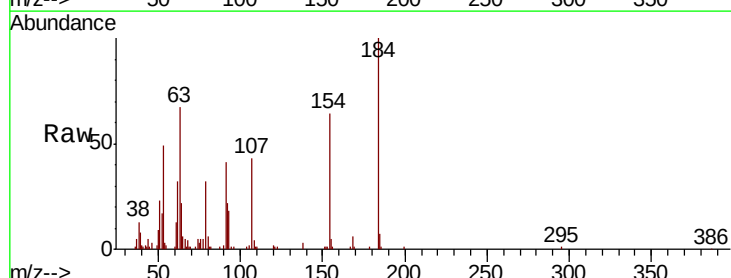
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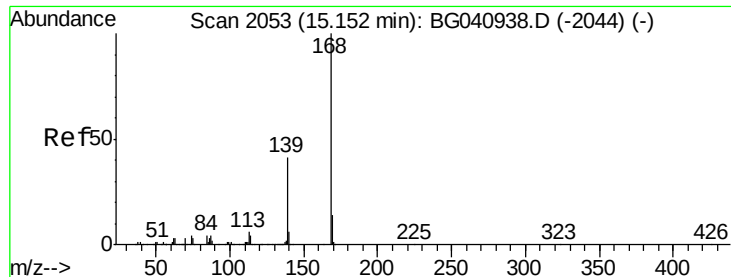
mohammad
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#54
2,4-Dinitrophenol
Concen: 42.980 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.4	49.8	74.6
154	63.9	52.2	78.4





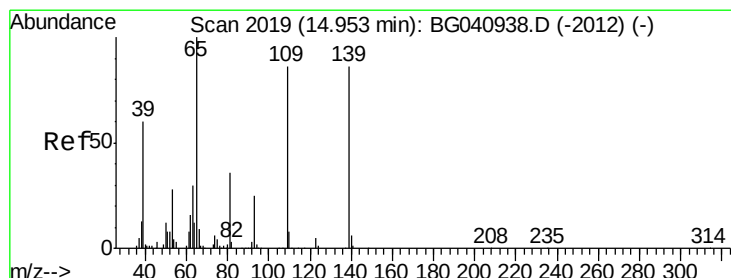
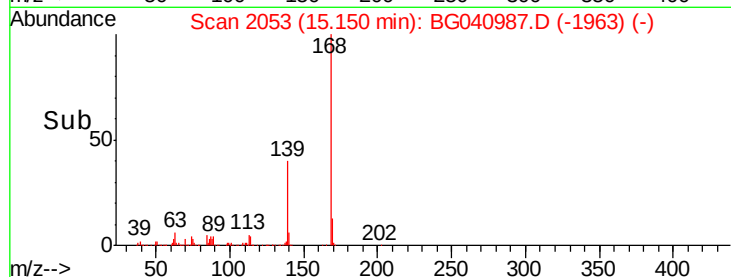
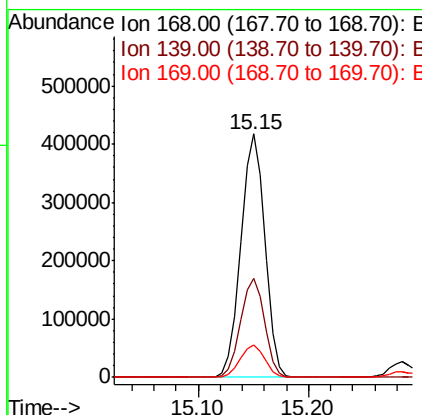
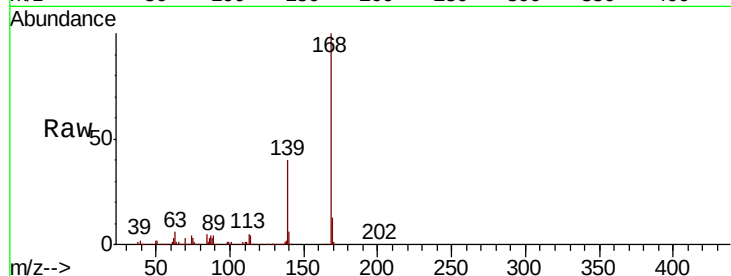
#55
Dibenzofuran
Concen: 38.780 ng
RT: 15.15 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.8	49.2
169	13.5	11.3	16.9

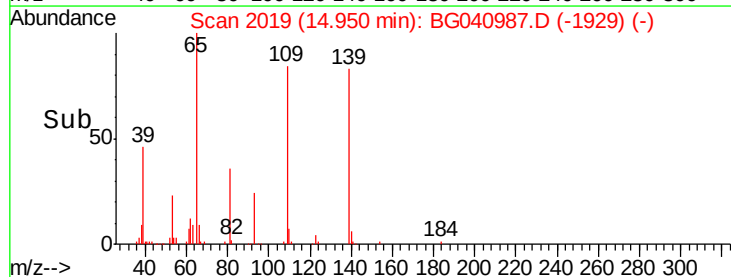
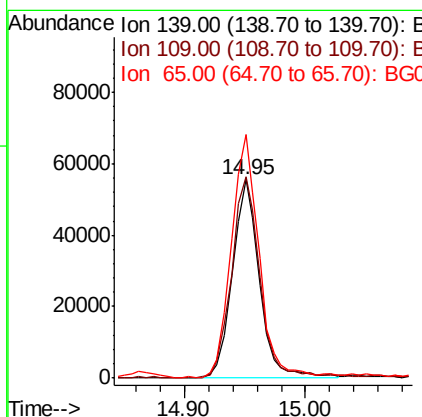
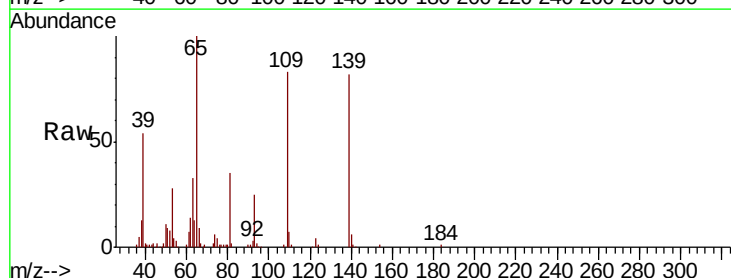
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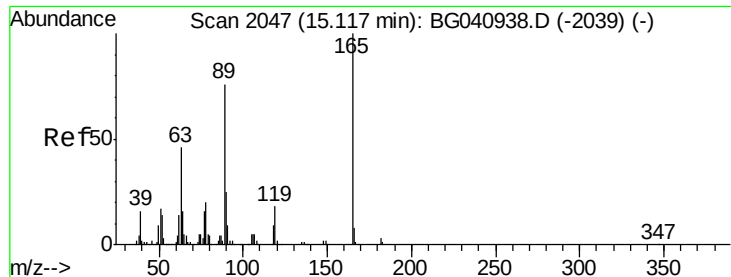
mohammad
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#56
4-Nitrophenol
Concen: 41.163 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	101.5	79.6	119.6
65	122.7	96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 39.277 ng

RT: 15.11 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 170675

Ion Ratio Lower Upper

165 100

63 46.5 37.3 55.9

89 75.6 61.0 91.6

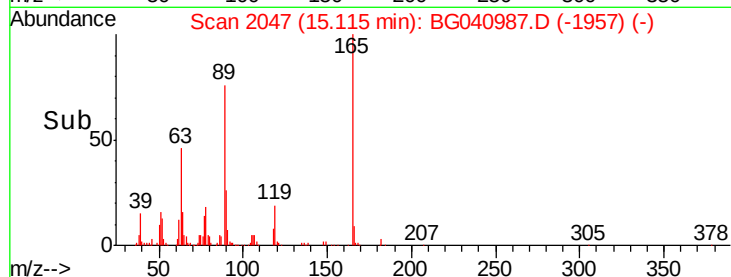
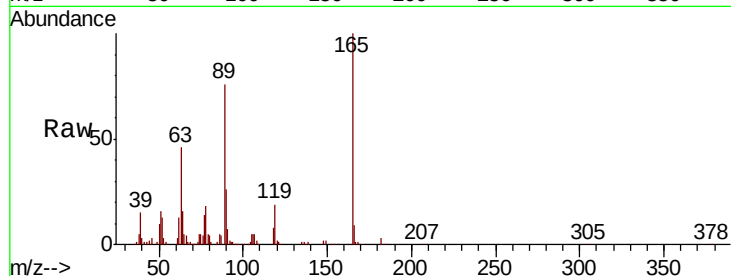
182 3.2 2.2 3.2

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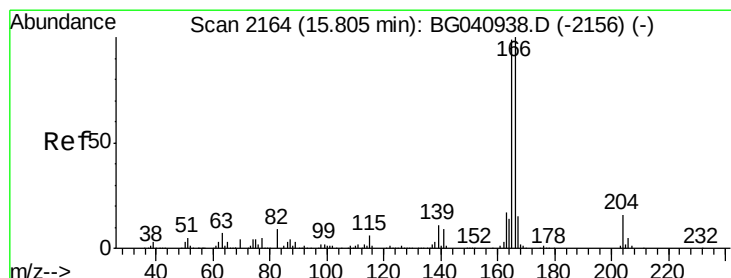
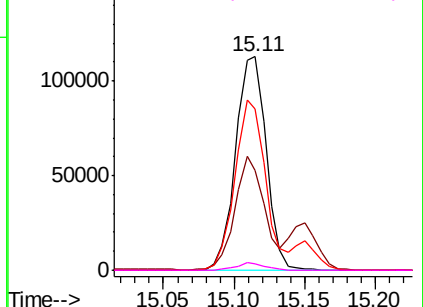


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.488 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

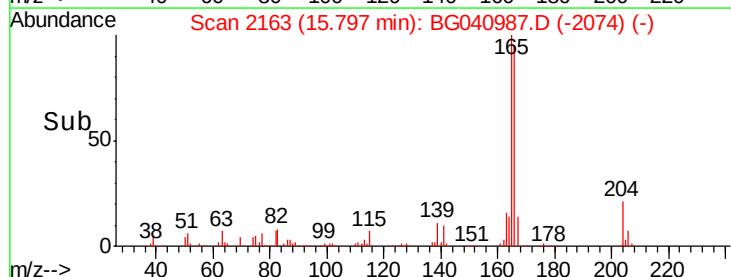
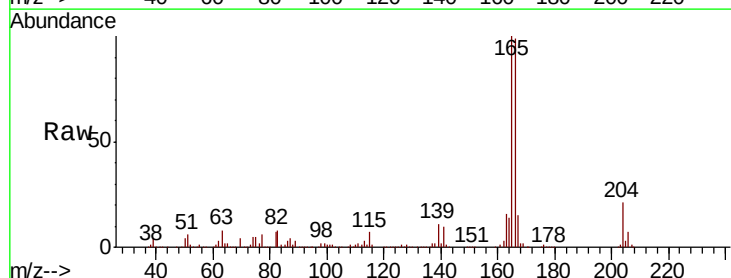
Tgt Ion:166 Resp: 503669

Ion Ratio Lower Upper

166 100

165 101.2 79.2 118.8

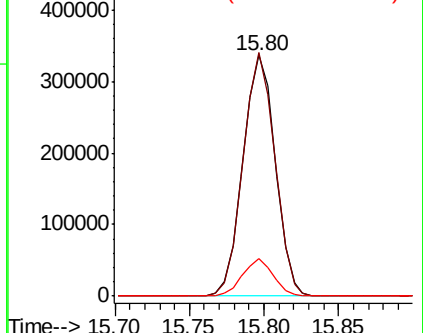
167 15.6 11.8 17.6

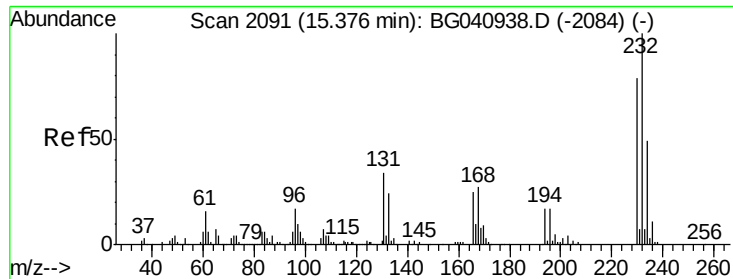


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





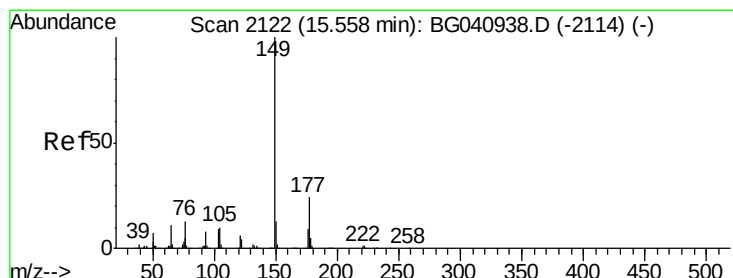
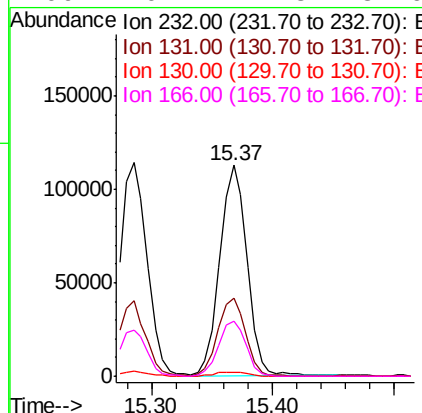
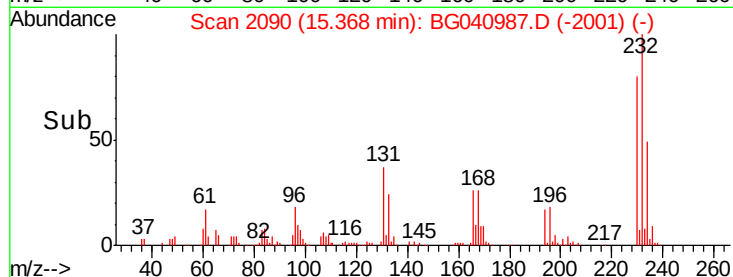
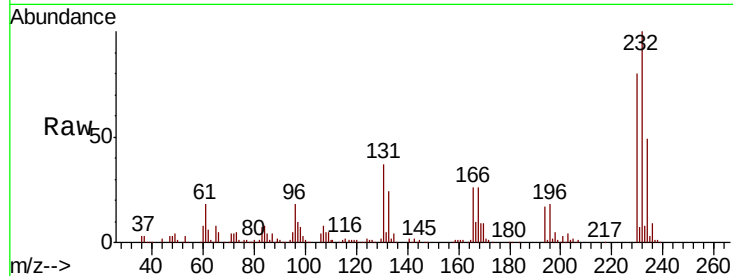
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.367 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	174759		
131	37.9		30.3	45.5
130	2.4		1.8	2.8
166	26.7		21.3	31.9

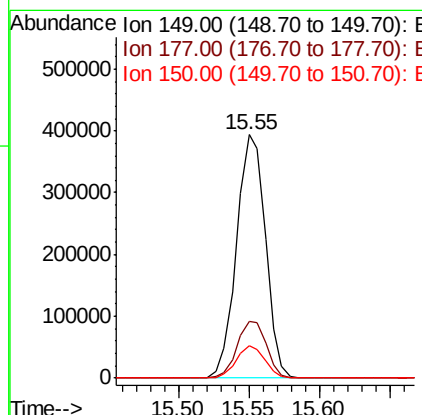
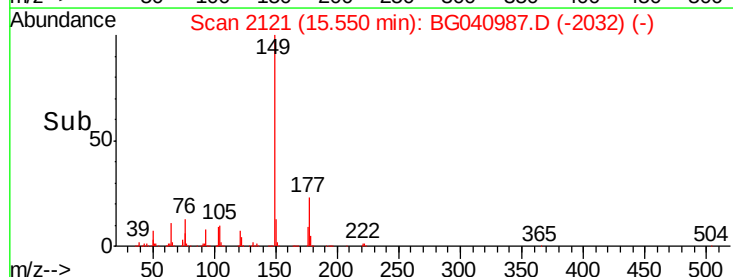
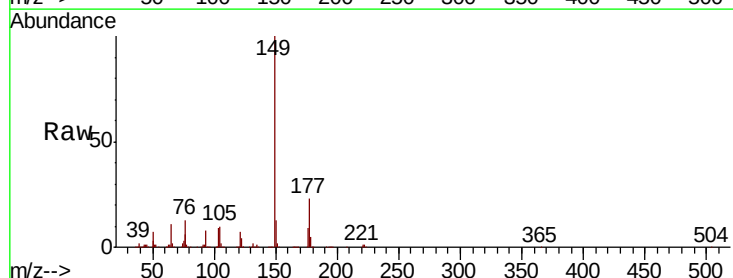
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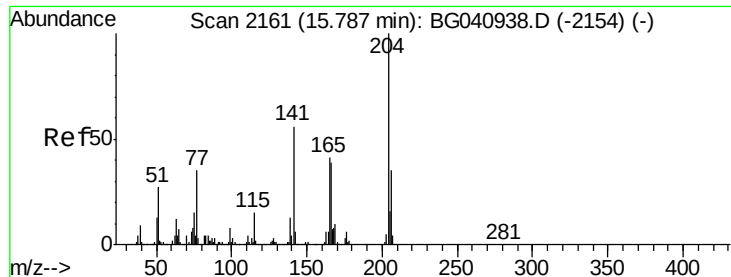
mohammad
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#60
 Diethylphthalate
 Concen: 38.553 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	561356		
177	23.2		19.4	29.0
150	13.3		10.3	15.5





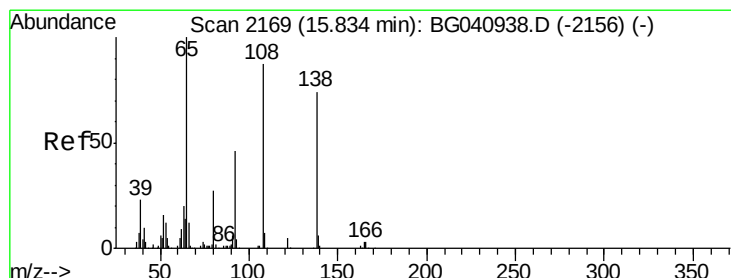
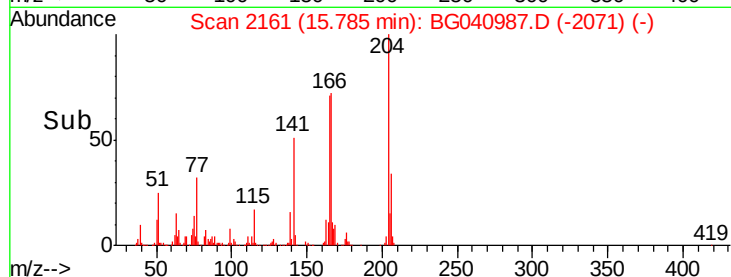
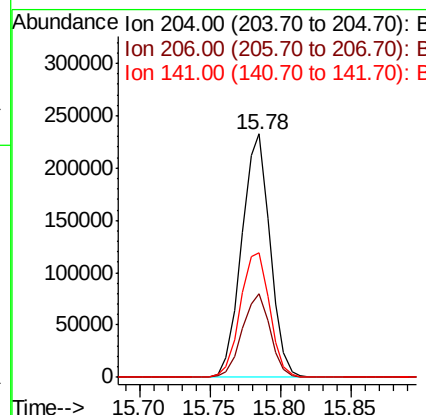
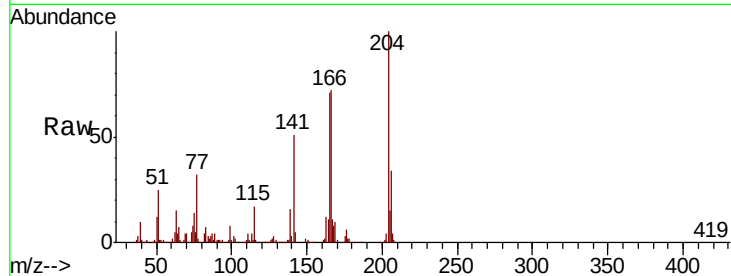
#61
 4-Chlorophenyl-phenylether
 Concen: 38.217 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.6	41.4
141	51.3	45.1	67.7

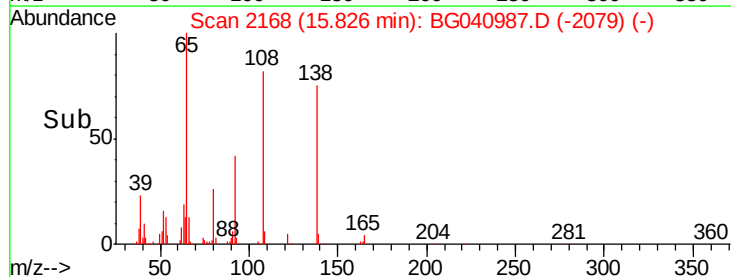
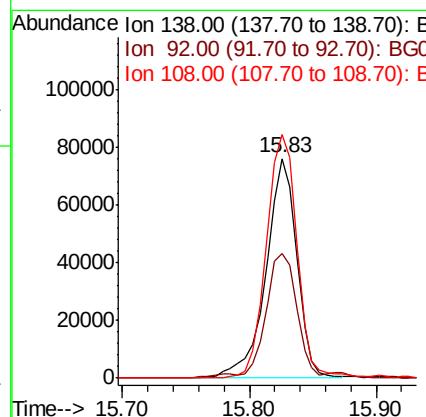
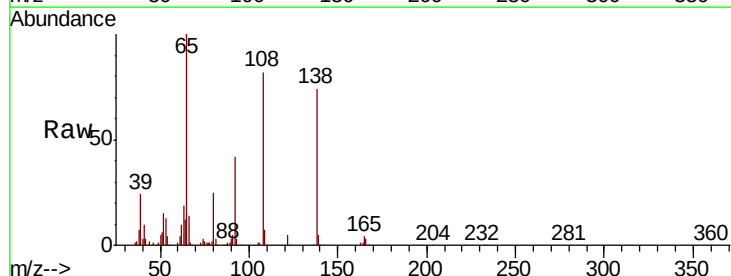
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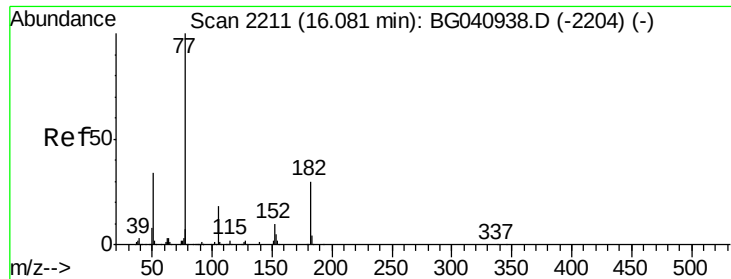
mohammad
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#62
 4-Nitroaniline
 Concen: 39.746 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	42.4	82.4
108	110.7	96.9	136.9





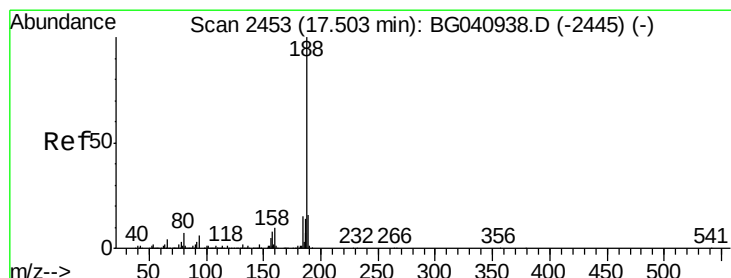
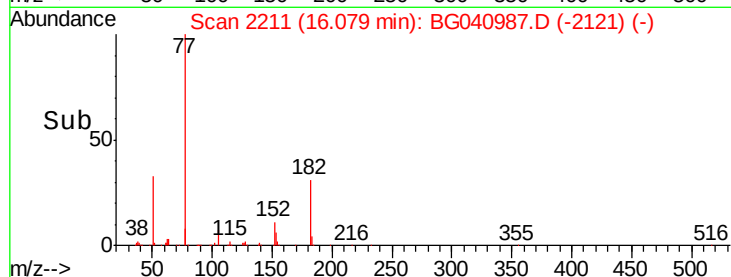
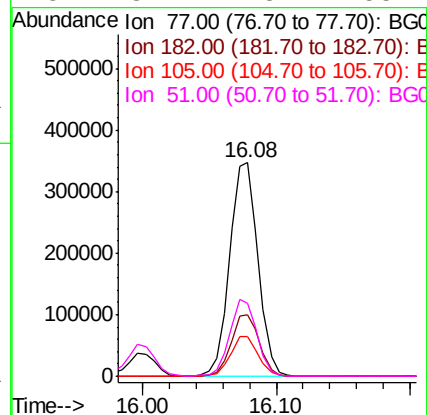
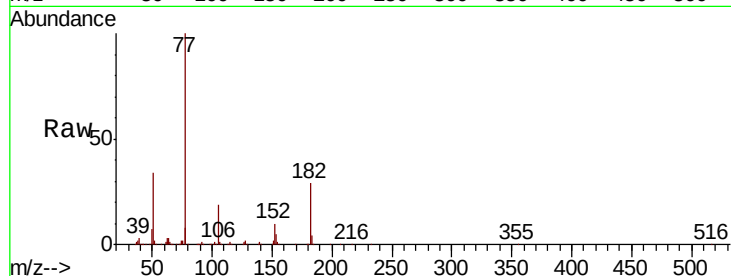
#63
Azobenzene
Concen: 38.884 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.0	9.6	49.6	
105	18.7	0.0	37.5	
51	34.1	13.7	53.7	

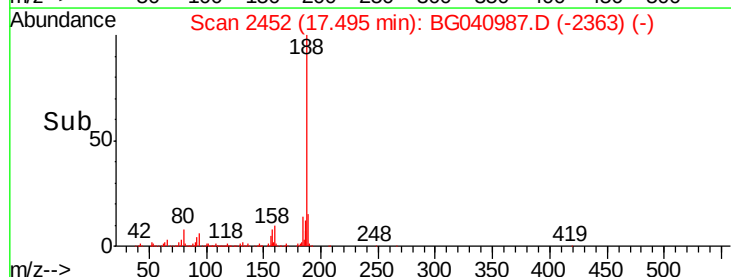
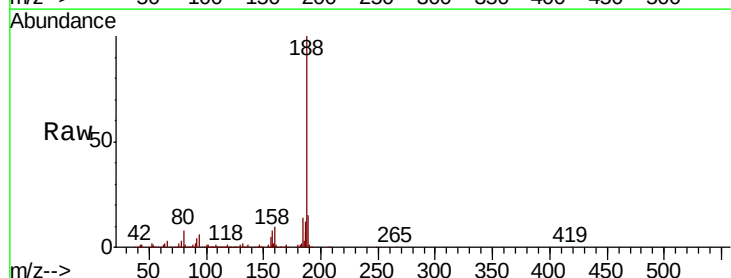
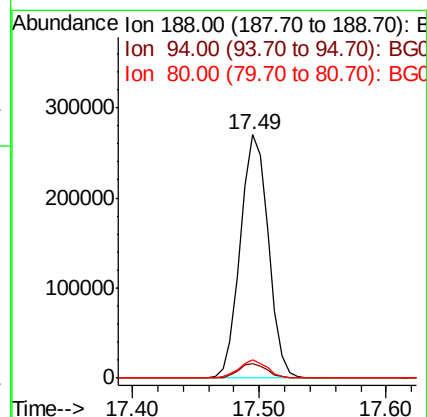
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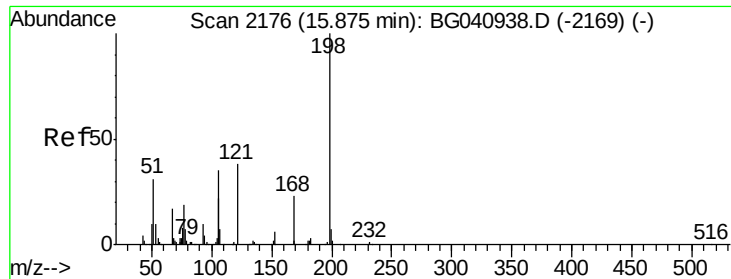
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	4.7	7.1	
80	7.6	5.8	8.8	





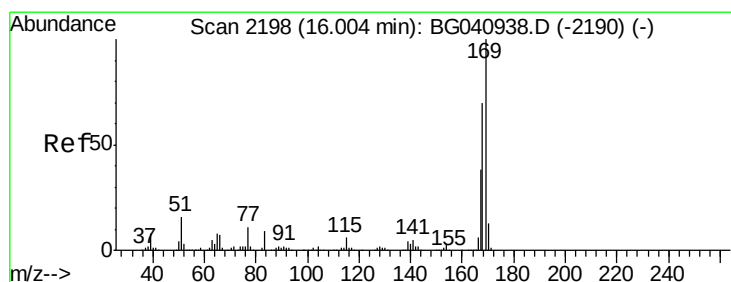
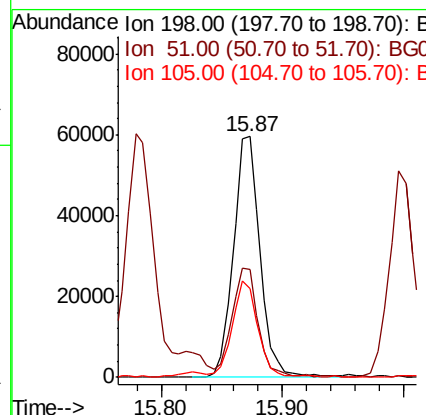
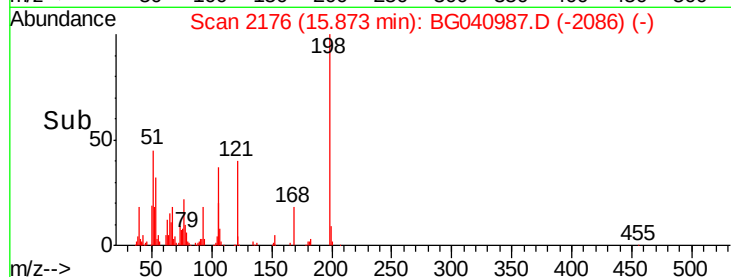
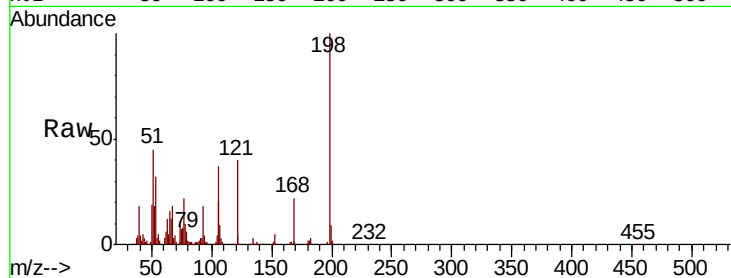
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.566 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
198	100	91258		
51	44.8		21.6	61.6
105	36.6		17.5	57.5

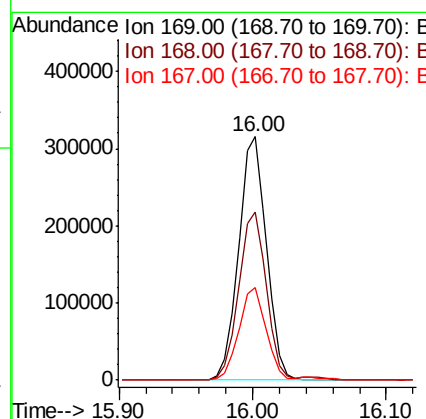
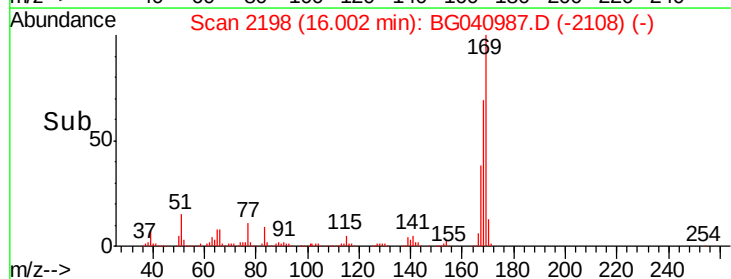
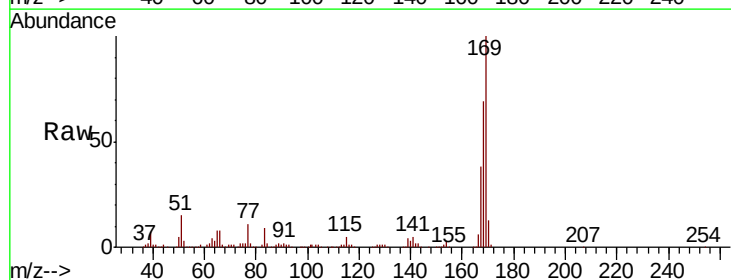
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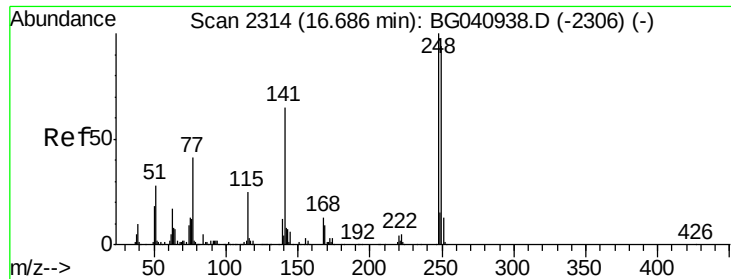
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#66
 n-Nitrosodiphenylamine
 Concen: 39.313 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	454812		
168	68.9		55.7	83.5
167	38.1		30.2	45.2





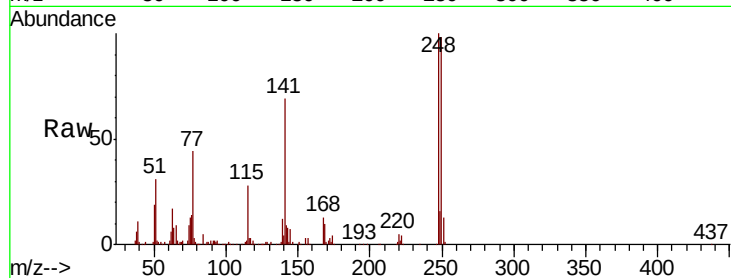
#67
4-Bromophenyl-phenylether
Concen: 38.234 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.0	112.4
141	68.5	52.4	78.6

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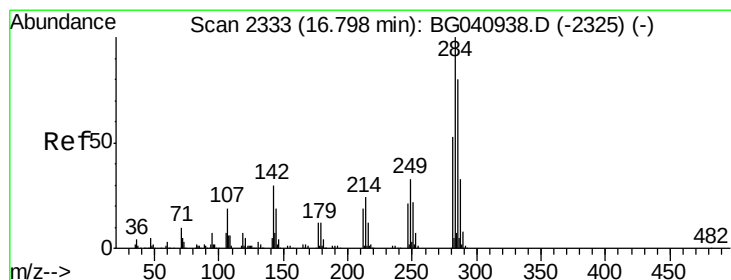
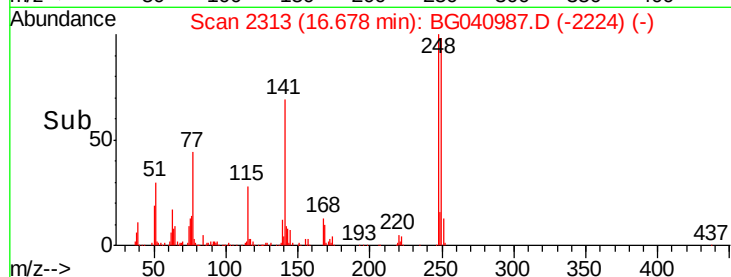
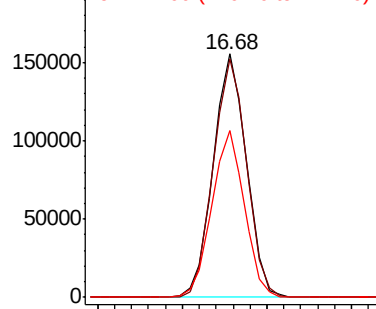


Abundance

Ion 248.00 (247.70 to 248.70): E

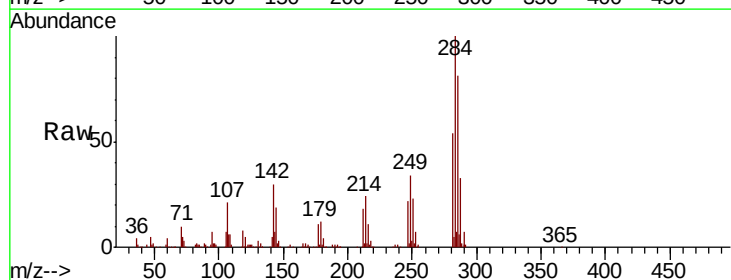
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.638 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.9	35.9
249	33.8	26.8	40.2

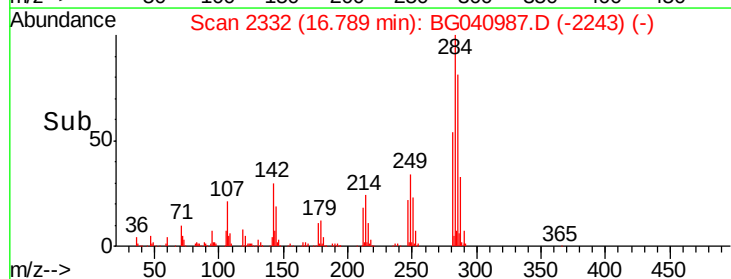
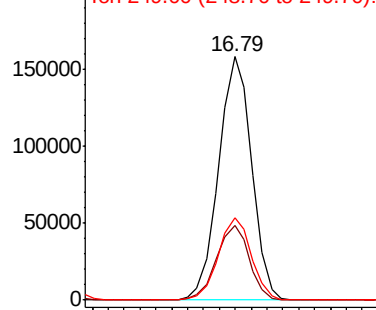


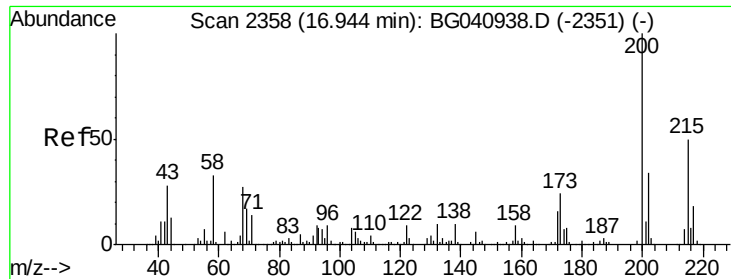
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





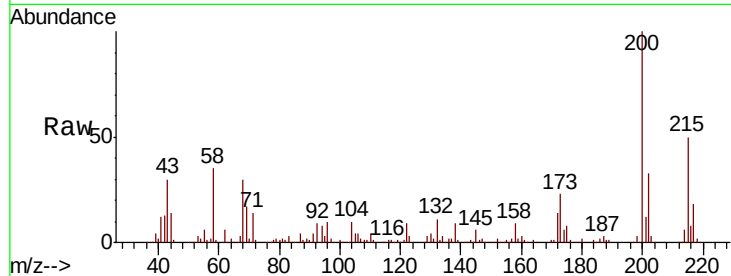
#69
 Atrazine
 Concen: 42.443 ng
 RT: 16.94 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	3.6	43.6
215	50.3	29.6	69.6

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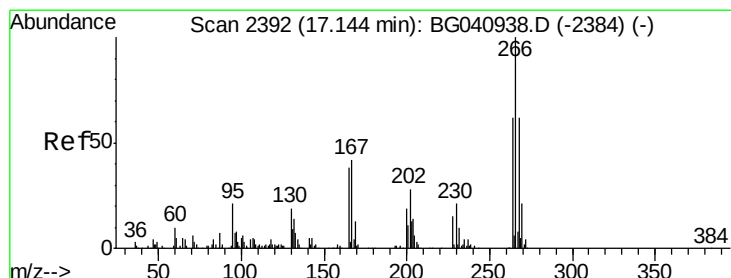
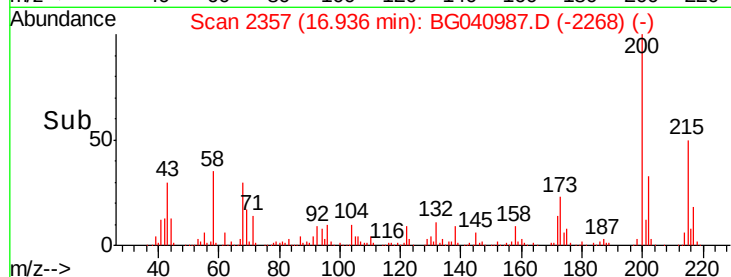
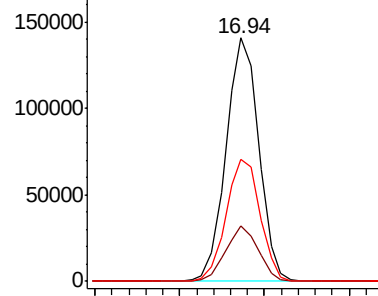


Abundance

Ion 200.00 (199.70 to 200.70): E

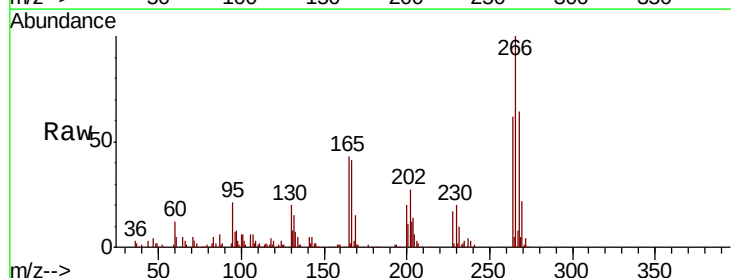
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 39.781 ng
 RT: 17.14 min Scan# 2391
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	53.1	79.7
264	62.4	49.9	74.9

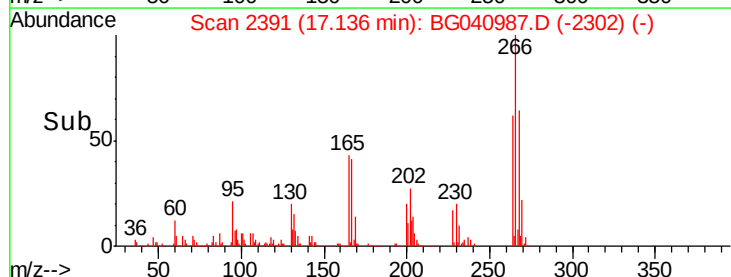
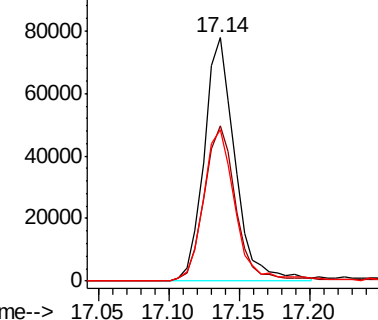


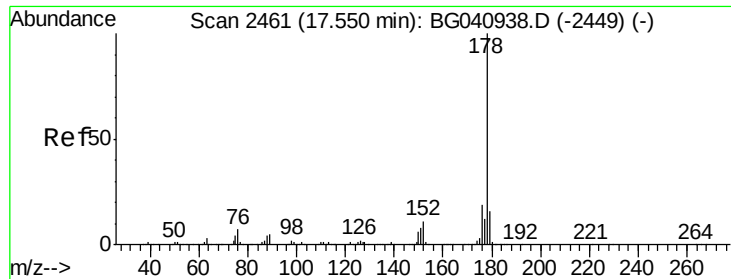
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





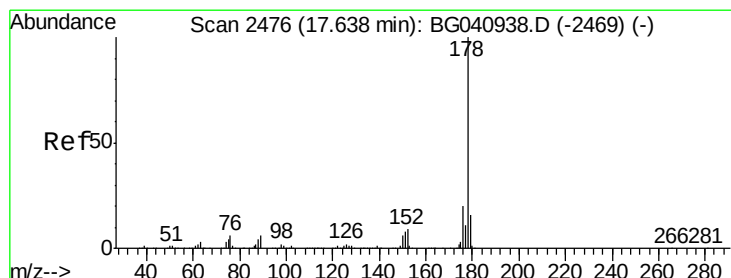
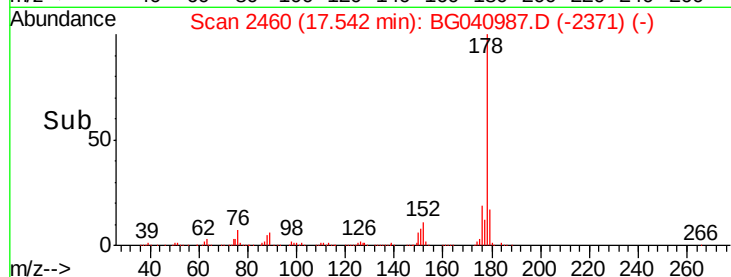
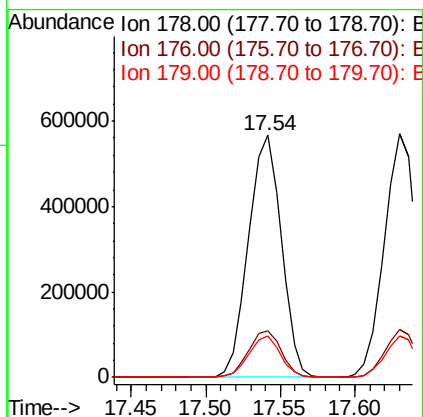
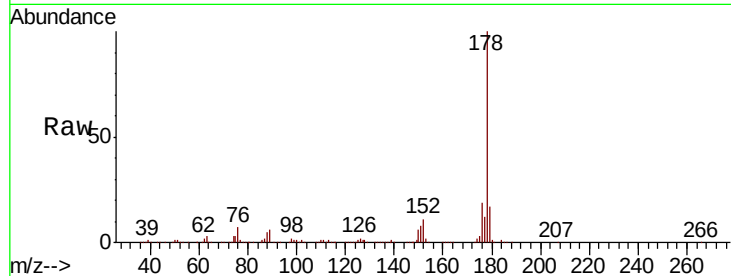
#71
Phenanthrene
Concen: 40.245 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	17.1	12.7	19.1

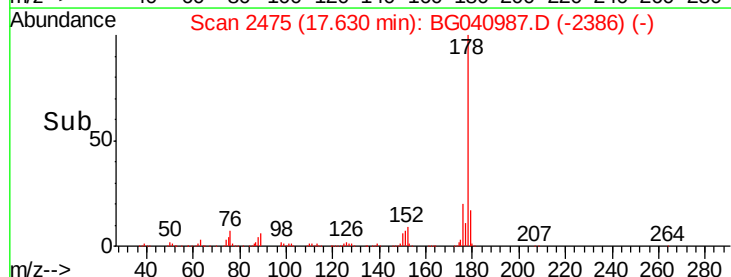
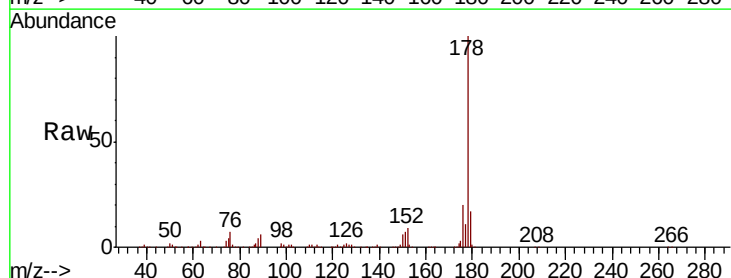
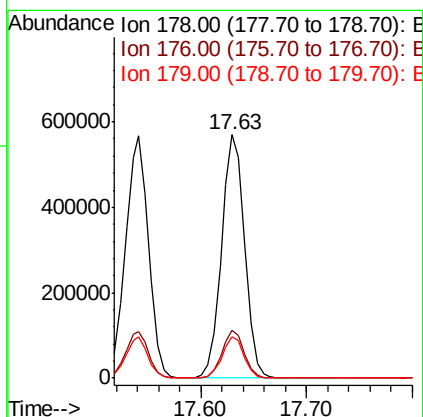
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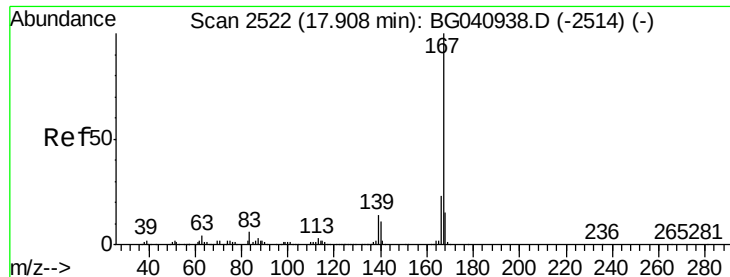
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#72
Anthracene
Concen: 40.552 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	17.2	13.0	19.4





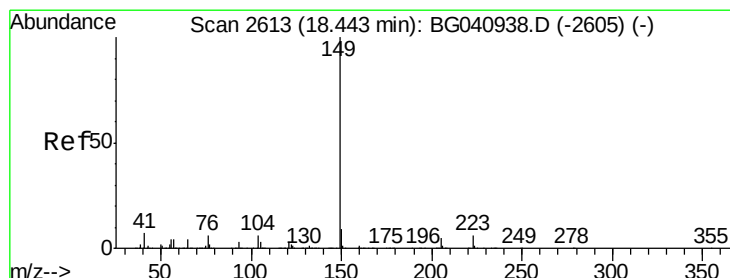
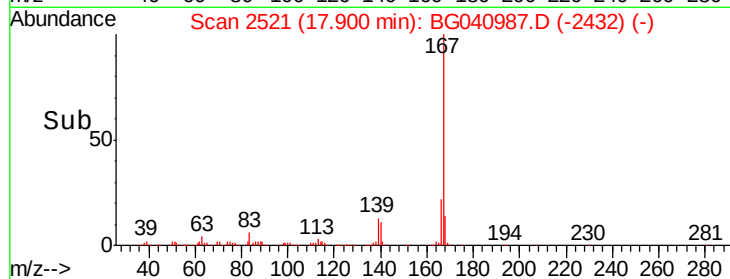
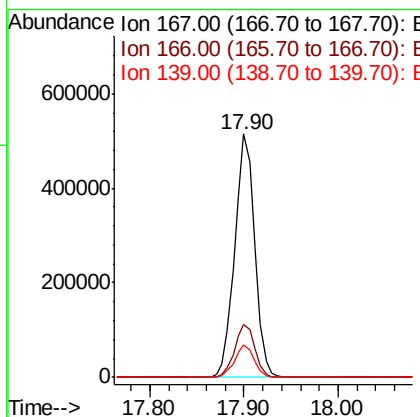
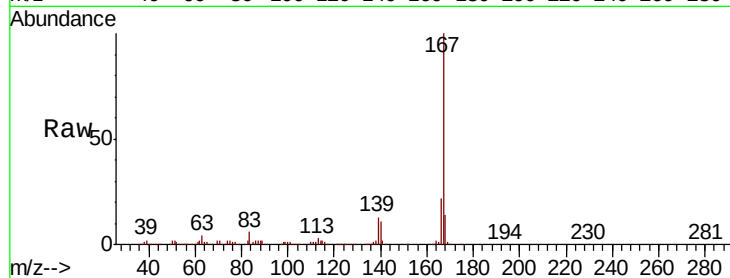
#73
 Carbazole
 Concen: 41.842 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	13.1	10.8	16.2

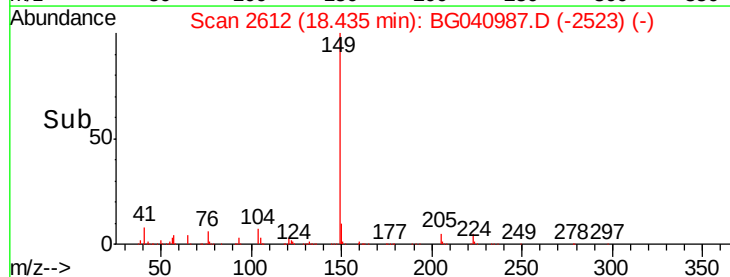
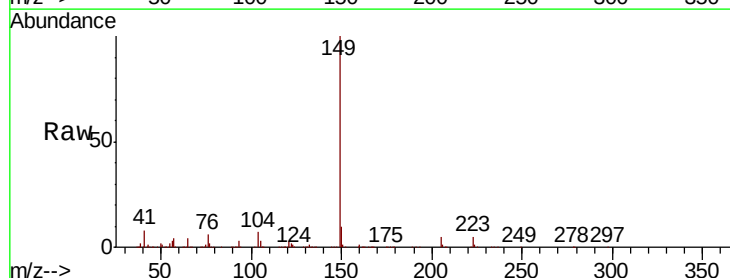
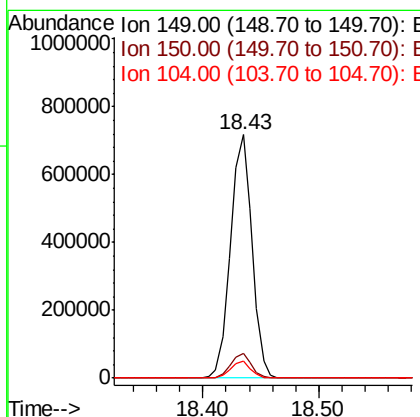
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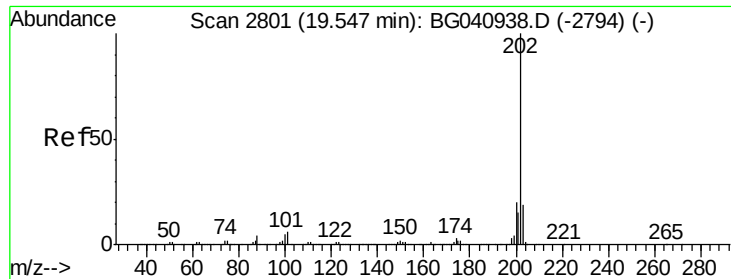
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.729 ng
 RT: 18.43 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.4	11.2
104	7.0	5.0	7.4





#75

Fluoranthene

Concen: 41.815 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

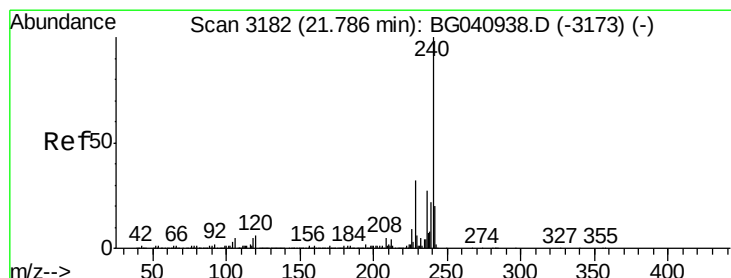
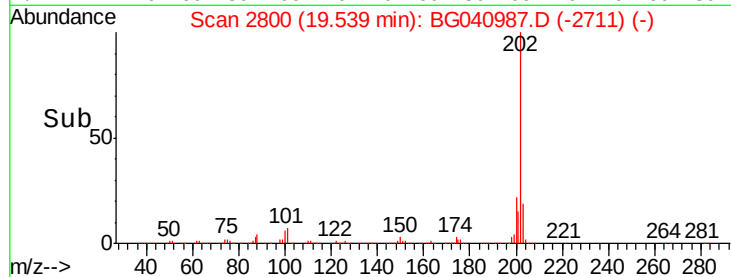
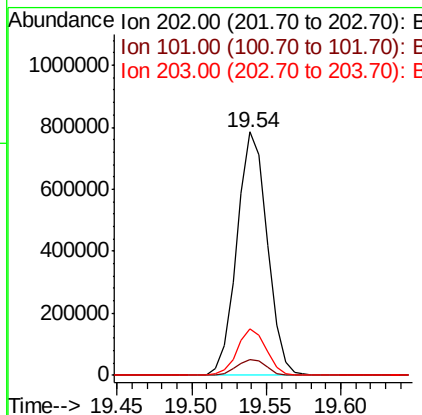
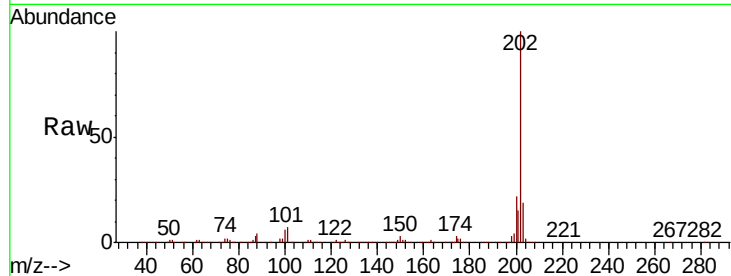
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1107170
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	26.2
203	19.0	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

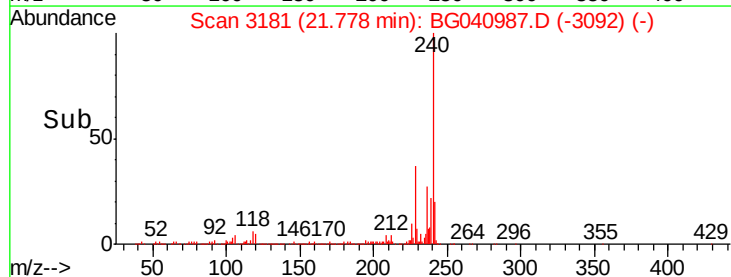
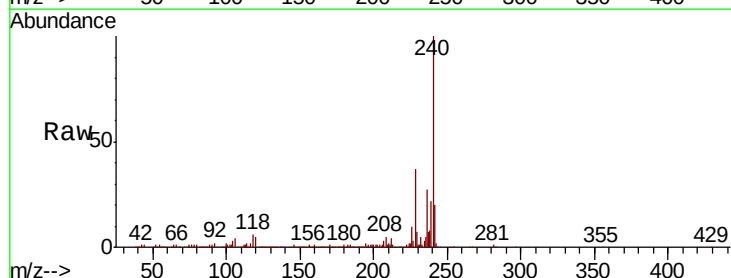
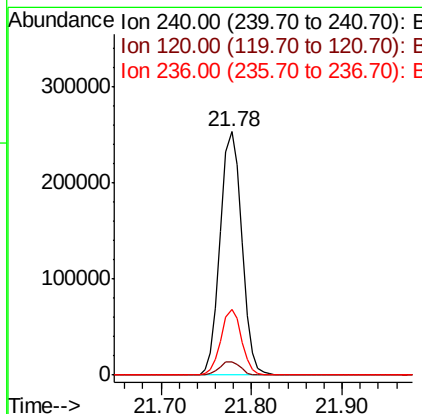
RT: 21.78 min Scan# 3181

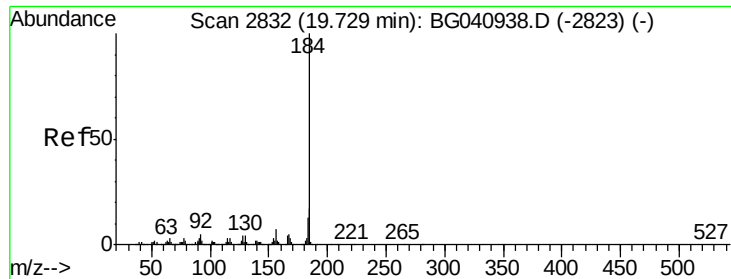
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	240	Resp:	420993
Ion Ratio	Lower	Upper	
240	100		
120	5.4	4.5	6.7
236	26.8	21.3	31.9





#77

Benzidine

Concen: 44.873 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

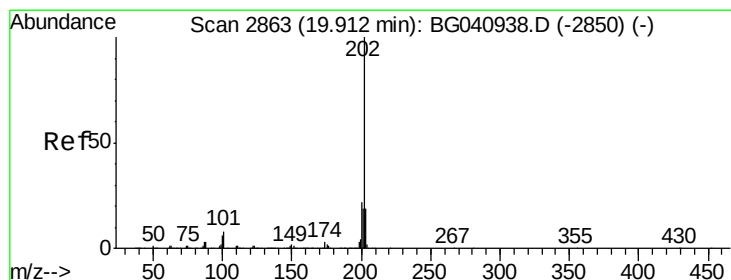
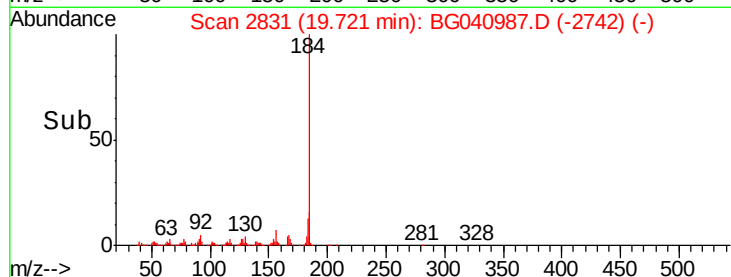
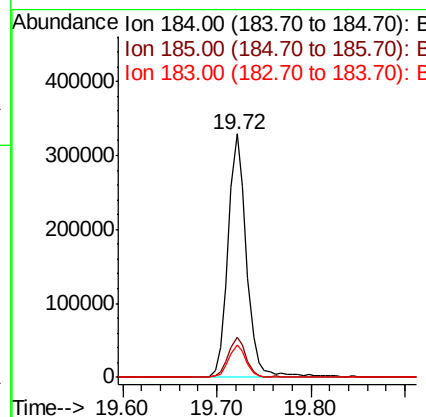
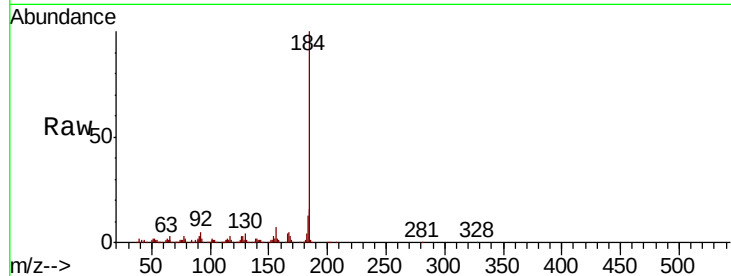
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	450661
Ion Ratio	Lower	Upper	
184	100		
185	16.3	13.3	19.9
183	13.5	10.7	16.1

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#78

Pyrene

Concen: 40.605 ng

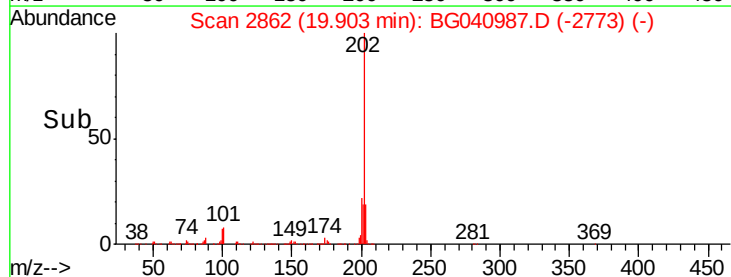
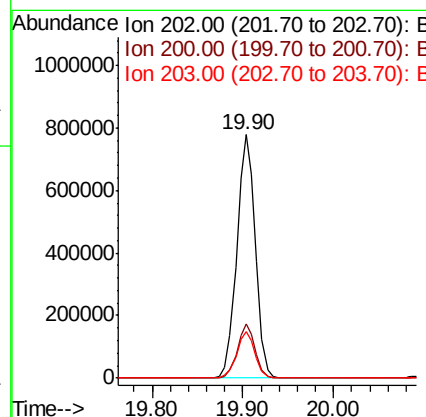
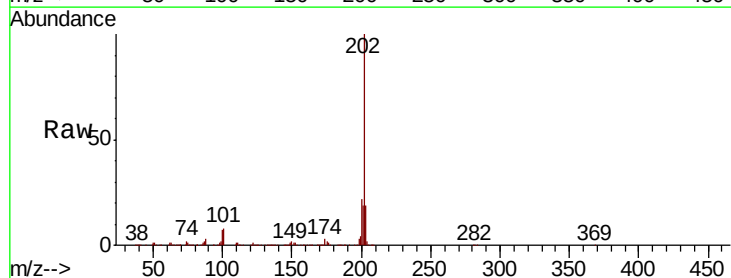
RT: 19.90 min Scan# 2862

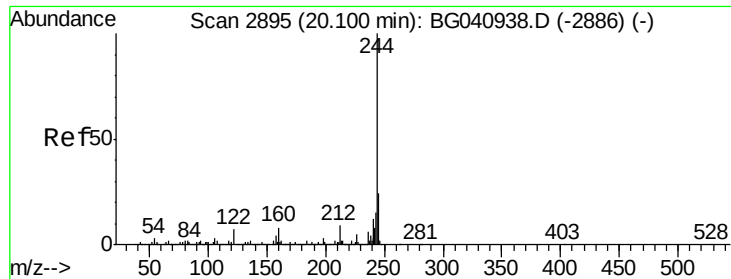
Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Tgt Ion:	202	Resp:	1111238
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.5	26.3
203	19.1	15.6	23.4





#79

Terphenyl-d14

Concen: 81.833 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 1623267

Ion Ratio Lower Upper

244 100

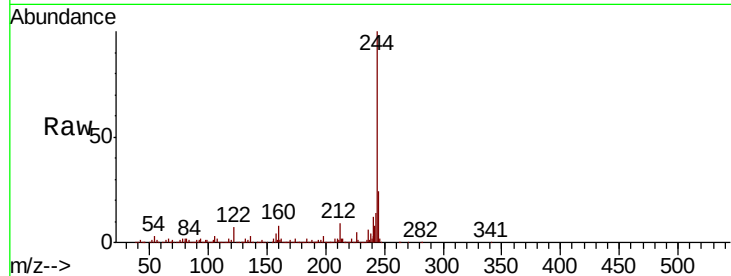
212 9.1 7.0 10.4

122 7.1 5.4 8.0

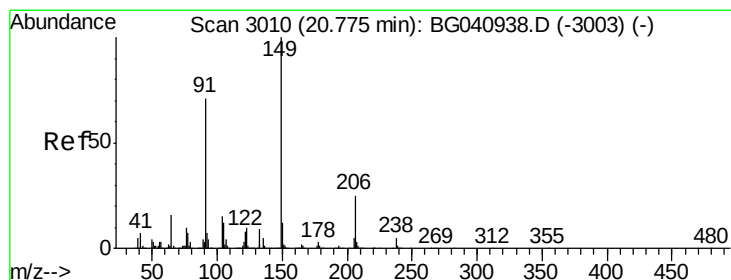
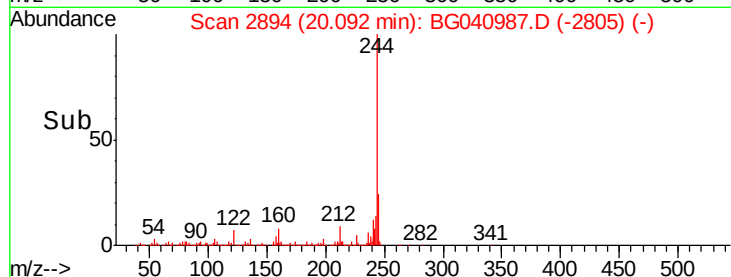
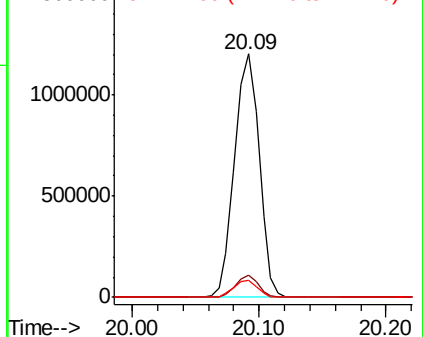
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.075 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

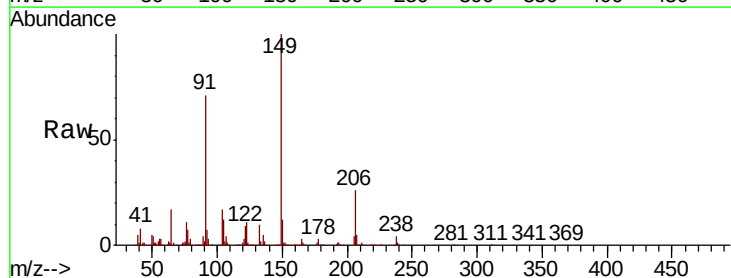
Tgt Ion:149 Resp: 426811

Ion Ratio Lower Upper

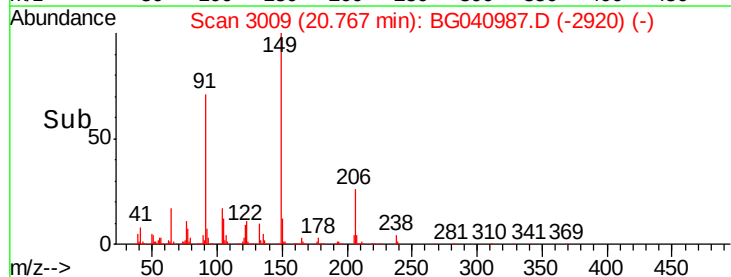
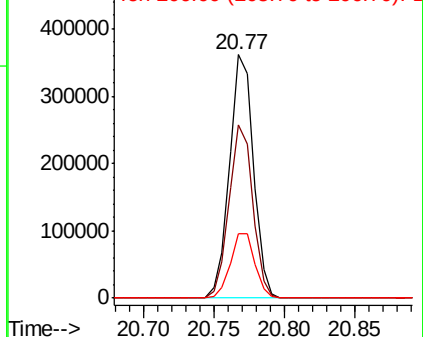
149 100

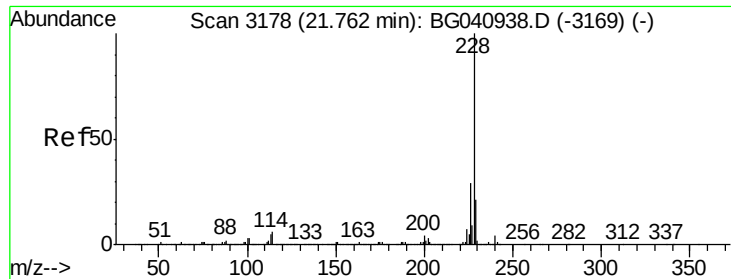
91 71.4 56.5 84.7

206 26.4 20.3 30.5



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





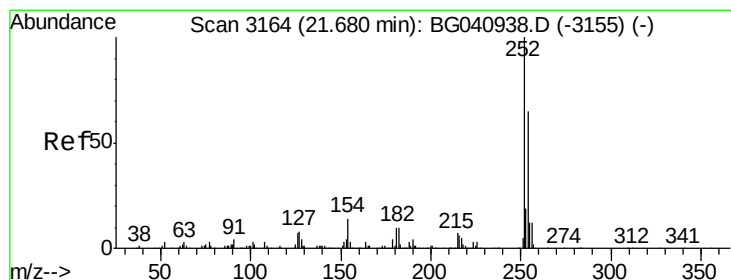
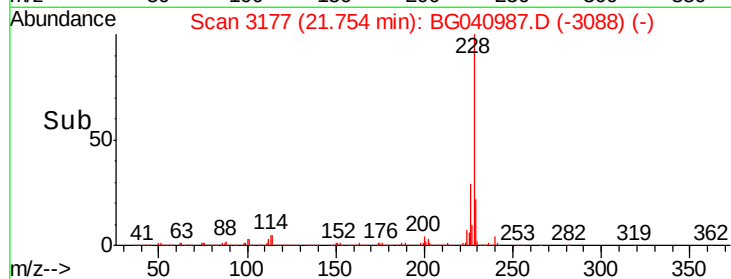
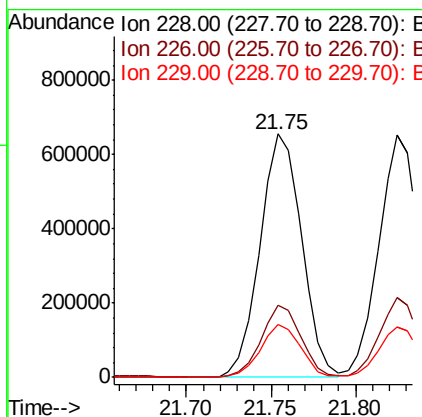
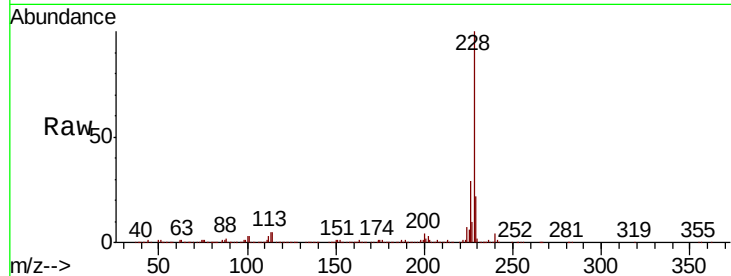
#81
Benzo(a)anthracene
Concen: 39.812 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	21.7	16.7	25.1

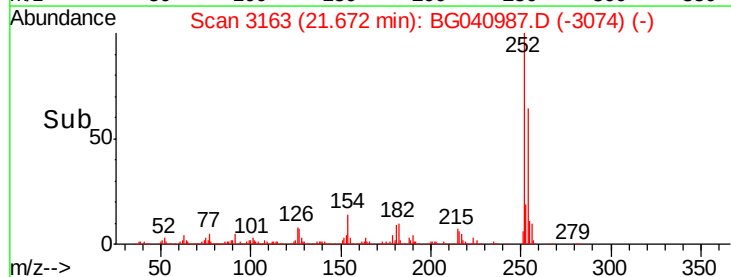
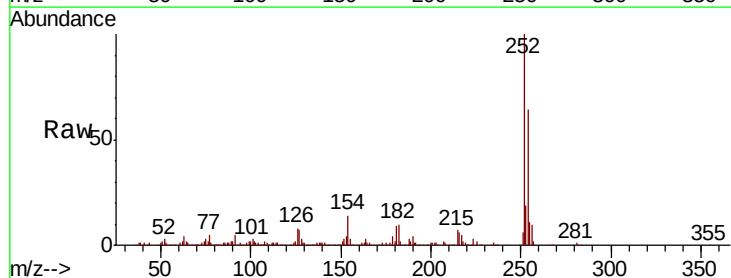
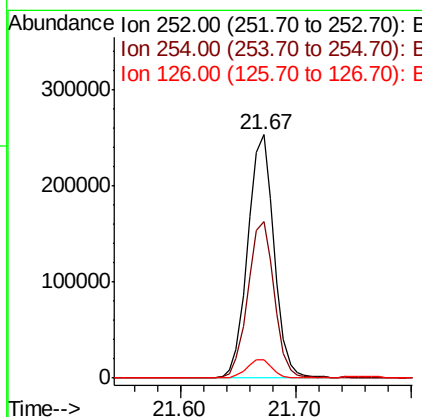
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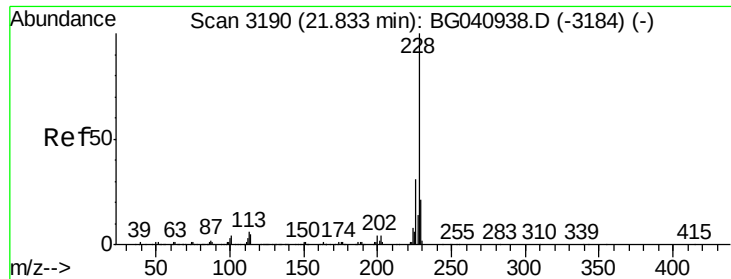
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#82
3,3'-Dichlorobenzidine
Concen: 40.722 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	7.7	5.5	8.3





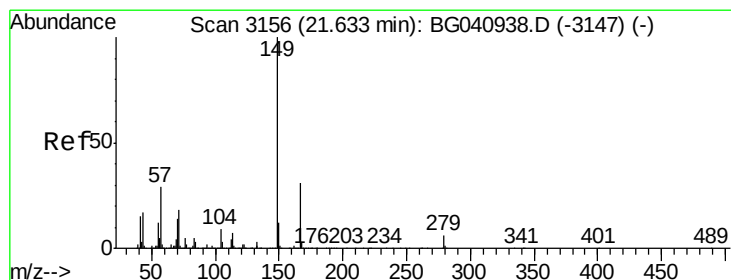
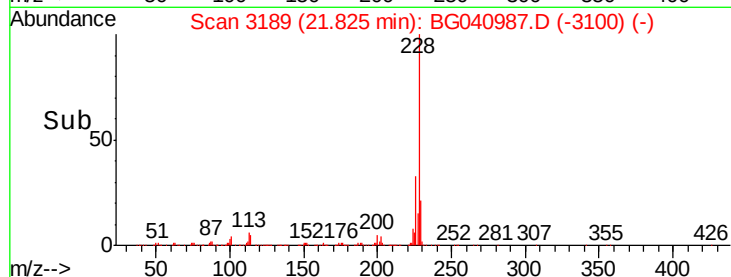
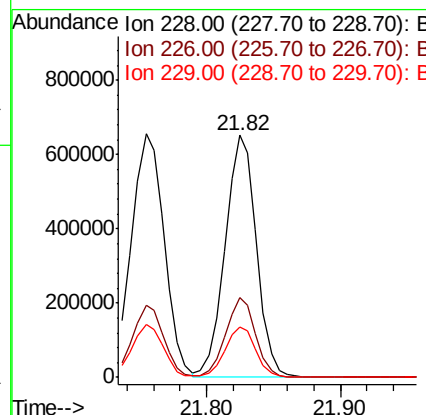
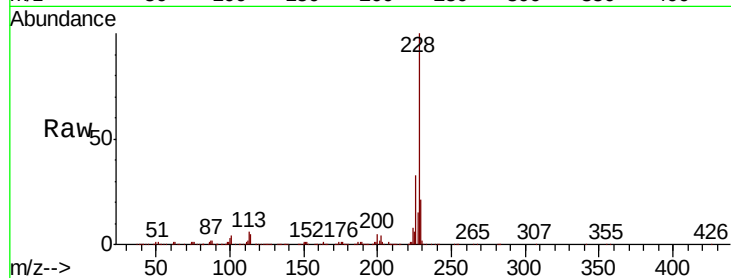
#83
 Chrysene
 Concen: 39.856 ng
 RT: 21.82 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.6	37.0
229	20.8	16.6	24.8

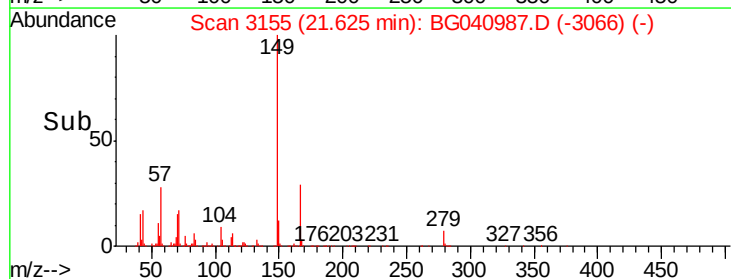
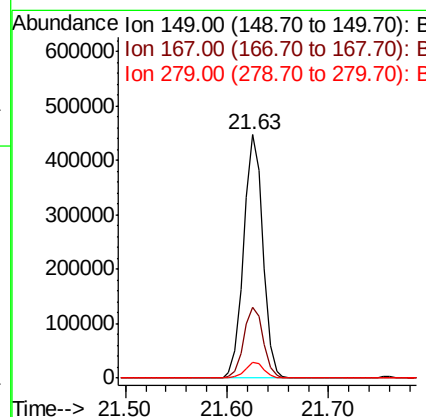
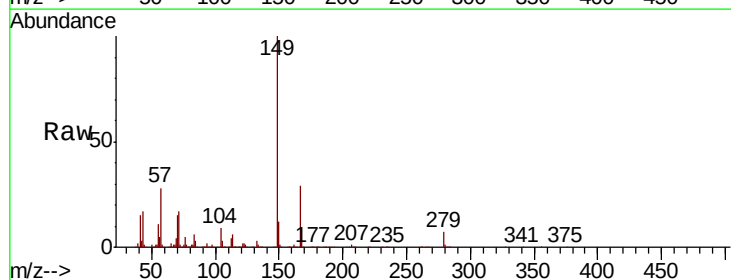
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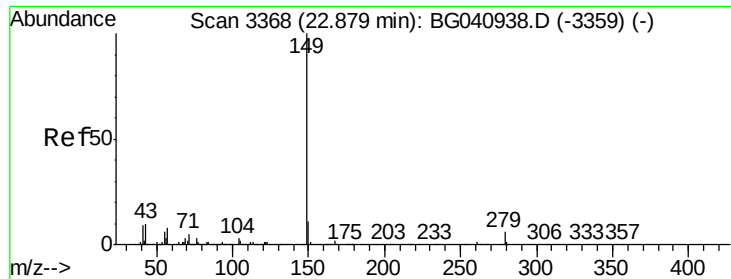
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.260 ng
 RT: 21.63 min Scan# 3155
 Delta R.T. -0.01 min
 Lab File: BG040987.D
 Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.6	37.0
279	6.6	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 39.561 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040987.D

Acq: 31 May 2019 20:30

Instrument :

BNA_G

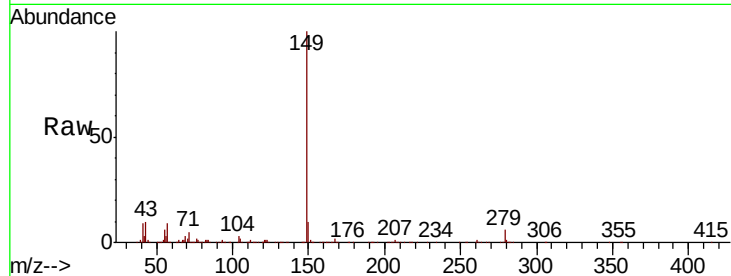
ClientSampleId :

SSTDCCC040EC

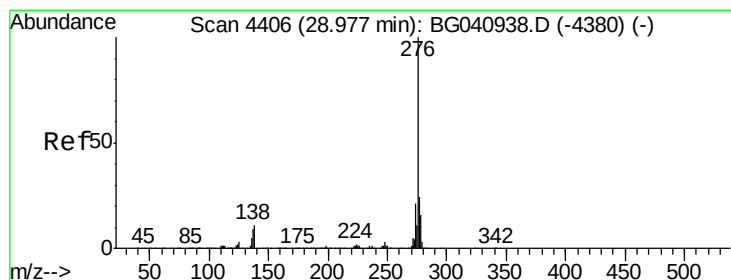
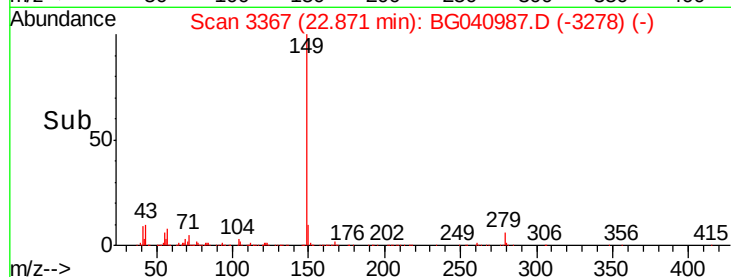
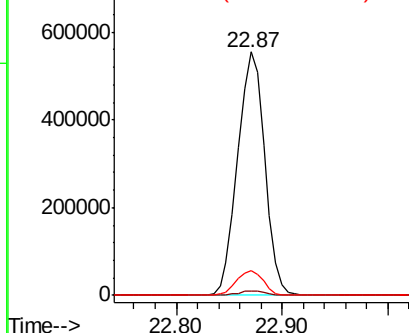
Tot Ion:	149	Resp:	987793
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.1	8.1	12.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.324 ng

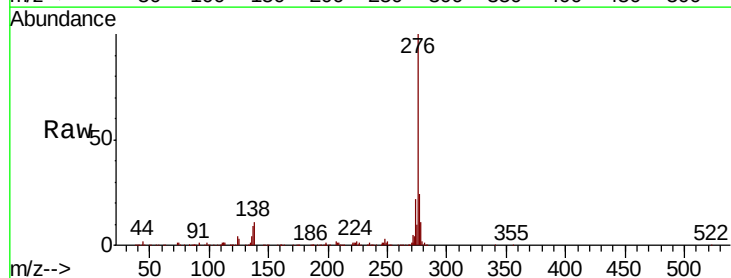
RT: 28.95 min Scan# 4402

Delta R.T. -0.03 min

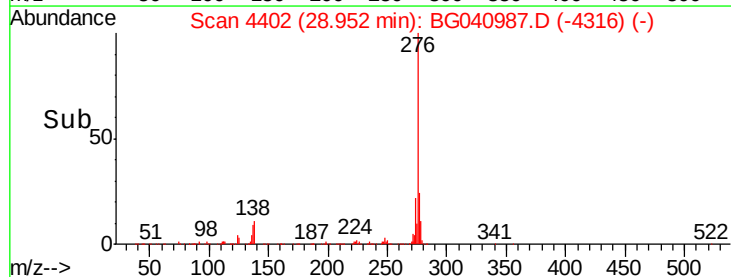
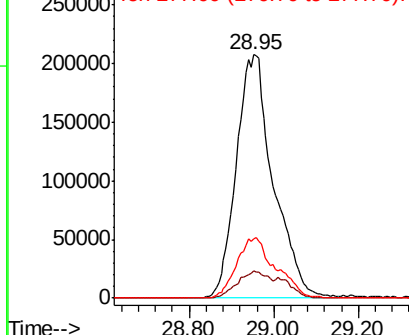
Lab File: BG040987.D

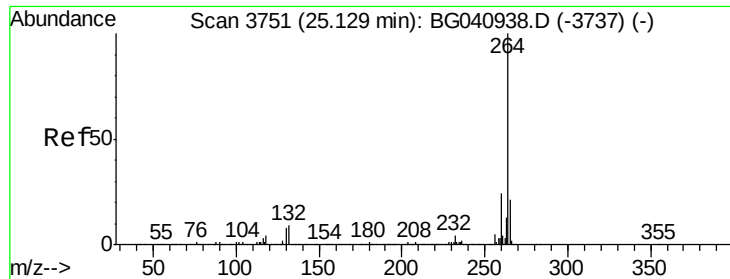
Acq: 31 May 2019 20:30

Tgt Ion:	276	Resp:	1259003
Ion Ratio	Lower	Upper	
276	100		
138	9.4	5.7	8.5#
277	26.1	20.8	31.2



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





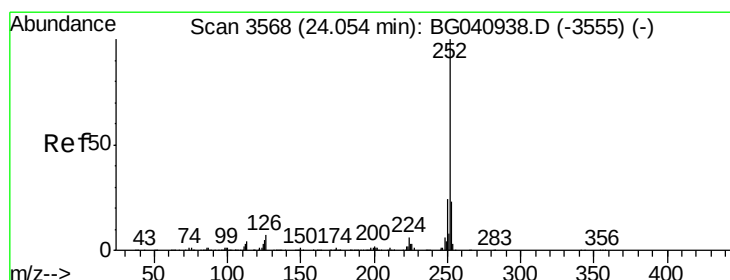
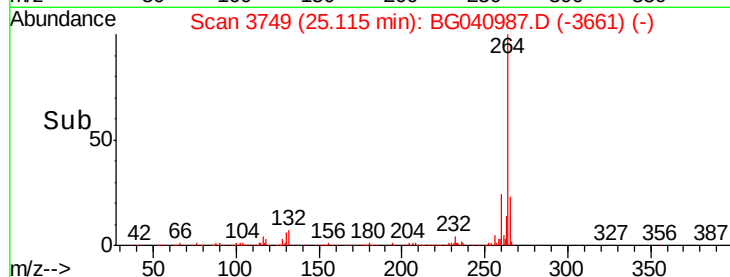
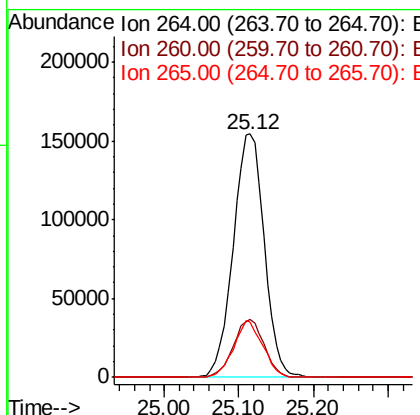
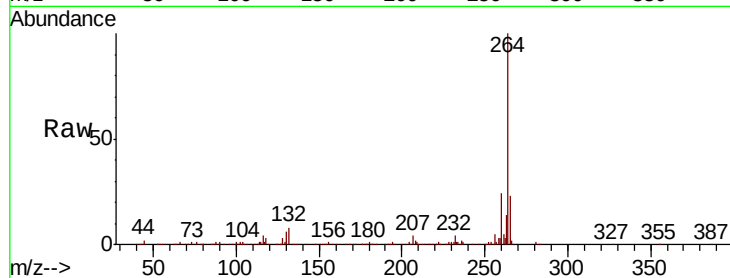
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3749
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	22.9	17.0	25.4

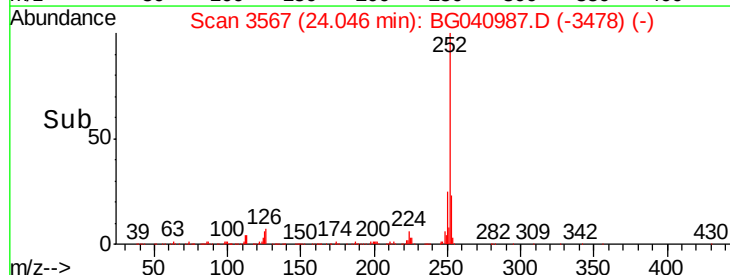
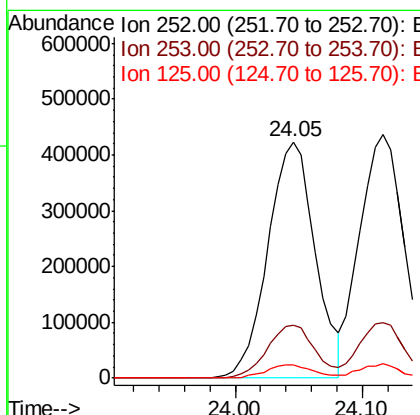
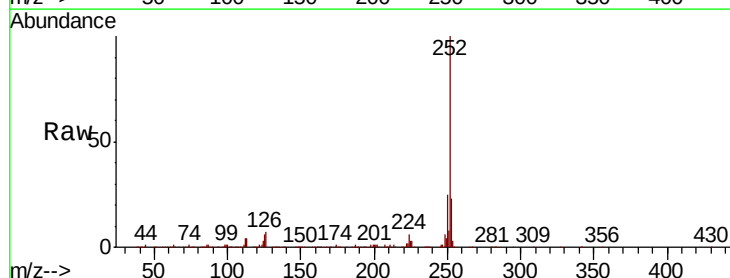
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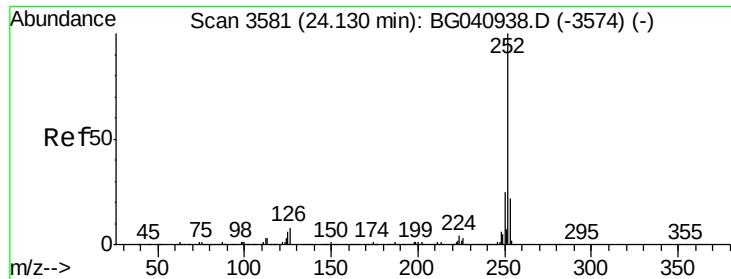
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#88
Benzo(b)fluoranthene
Concen: 40.681 ng
RT: 24.05 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	5.6	4.3	6.5





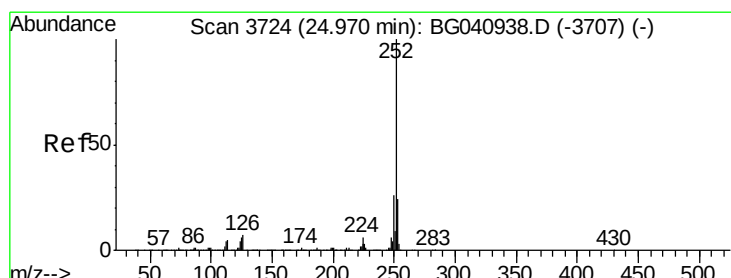
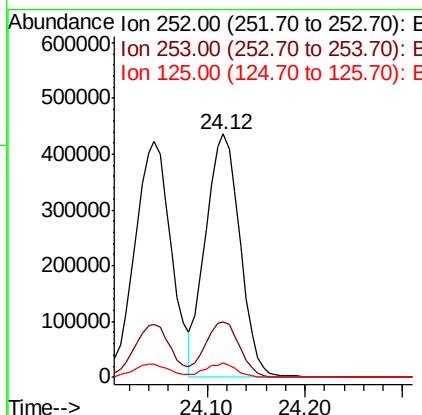
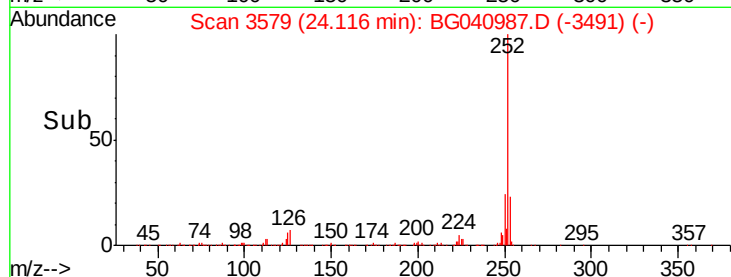
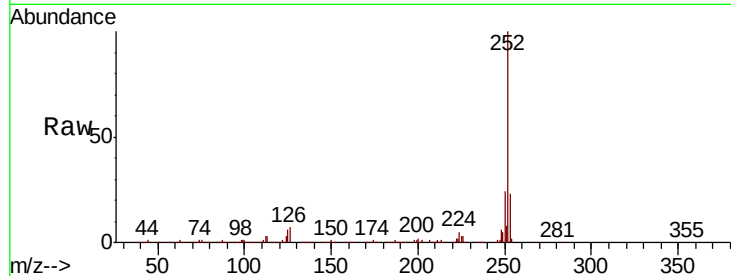
#89
Benzo(k)fluoranthene
Concen: 39.798 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	5.8	4.7	7.1

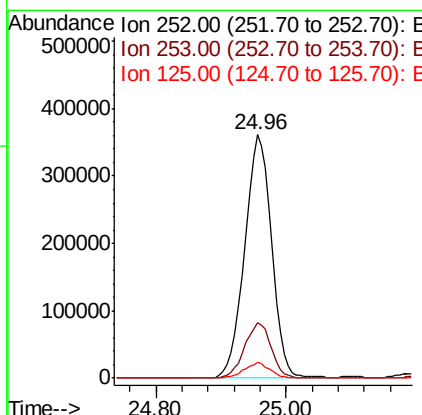
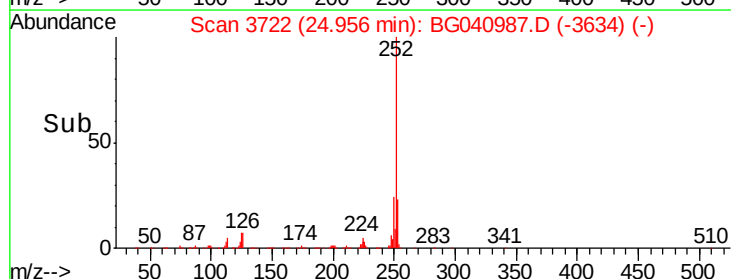
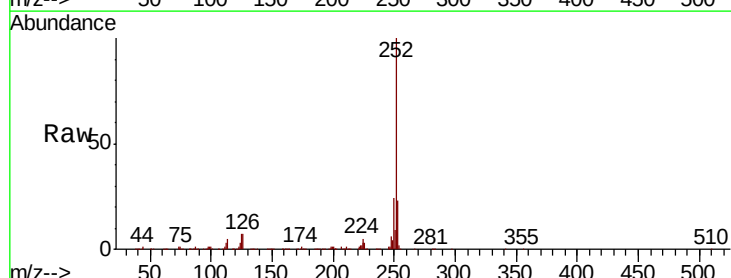
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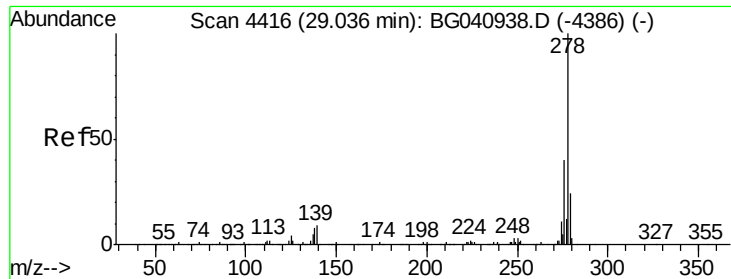
mohammad
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#90
Benzo(a)pyrene
Concen: 40.053 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.5	29.3
125	6.6	5.1	7.7





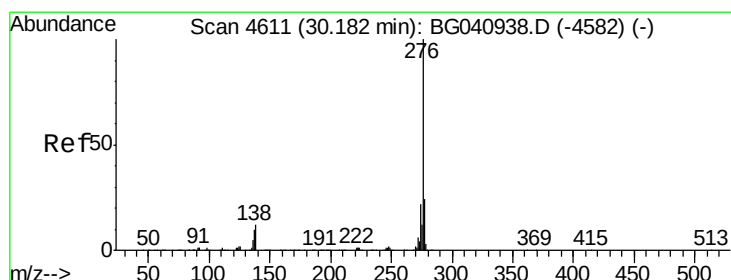
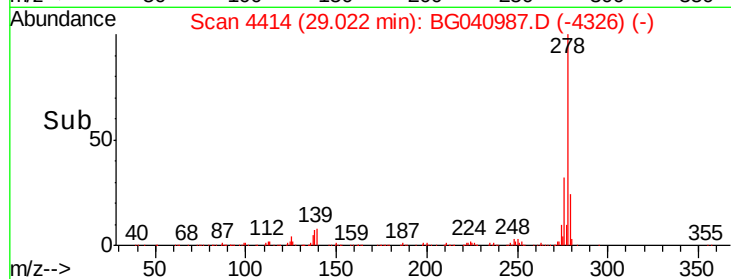
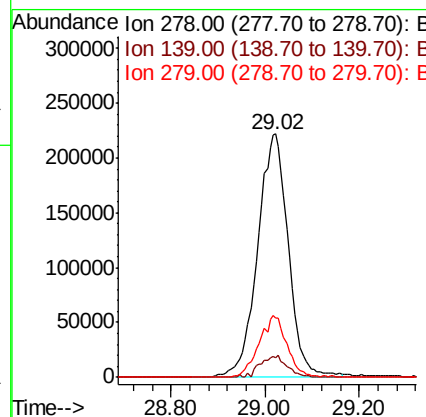
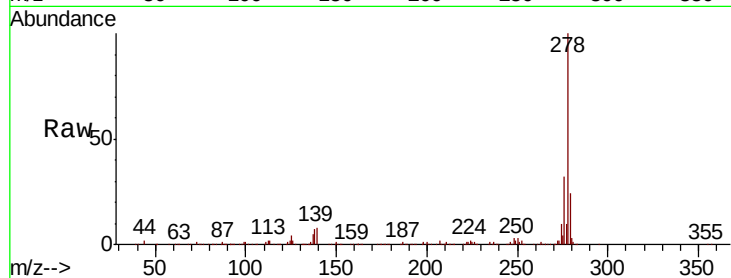
#91
Dibenzo(a,h)anthracene
Concen: 39.158 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.8	7.1	10.7
279	24.3	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/3/2019 8:50:22 AM



#92
Benzo(g,h,i)perylene
Concen: 40.096 ng
RT: 30.17 min Scan# 4609
Delta R.T. -0.01 min
Lab File: BG040987.D
Acq: 31 May 2019 20:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	11.3	9.7	14.5

