

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041069.D
 Acq On : 5 Jun 2019 12:22
 Operator : HP/JU
 Sample : PB120267BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Manual Integrations
 APPROVED

mohammad
 6/6/2019 3:42:10 PM

Quant Time: Jun 06 04:46:29 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	8.11	152	44351	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	161648	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	111313	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	285193	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	297092	20.00	ng	-0.02
87) Perylene-d12	25.10	264	329041	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	335089	136.24	ng	0.00
7) Phenol-d6	7.26	99	461372	121.46	ng	0.00
23) Nitrobenzene-d5	9.29	82	309396	84.97	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	226898	137.30	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	672358	86.99	ng	-0.02
79) Terphenyl-d14	20.08	244	1220755	87.21	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	47336	42.412	ng	94
3) Pyridine	3.92	79	127408	38.579	ng	99
4) n-Nitrosodimethylamine	3.84	42	70462	45.972	ng	87
6) Aniline	7.44	93	129114	25.465	ng	96
8) 2-Chlorophenol	7.67	128	123648	42.168	ng	95
9) Benzaldehyde	7.25	77	46666	20.595	ng	88
10) Phenol	7.29	94	167893	41.223	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	117477	39.761	ng	97
12) 1,3-Dichlorobenzene	8.00	146	145750	41.617	ng	99
13) 1,4-Dichlorobenzene	8.15	146	143916	40.597	ng	97
14) 1,2-Dichlorobenzene	8.47	146	133800	38.873	ng	98
15) Benzyl Alcohol	8.35	79	139655	39.745	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	180350	37.355	ng	95
17) 2-Methylphenol	8.55	107	115734	39.247	ng	98
18) Hexachloroethane	9.20	117	55510	40.628	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	107505	36.777	ng	97
20) 3+4-Methylphenols	8.87	107	155538	38.078	ng	97
22) Acetophenone	8.95	105	206562	45.553	ng	# 95
24) Nitrobenzene	9.33	77	166168	44.780	ng	99
25) Isophorone	9.84	82	299875	43.275	ng	99
26) 2-Nitrophenol	10.04	139	71763	46.911	ng	90
27) 2,4-Dimethylphenol	10.08	122	123178	48.755	ng	94
28) bis(2-Chloroethoxy)methane	10.33	93	156475	41.838	ng	99
29) 2,4-Dichlorophenol	10.57	162	138260	43.094	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	156999	43.016	ng	99
31) Naphthalene	10.98	128	381766	43.987	ng	98
32) Benzoic acid	10.21	122	63626m	35.032	ng	
33) 4-Chloroaniline	11.10	127	96206	23.890	ng	95
34) Hexachlorobutadiene	11.25	225	115272	41.277	ng	98
35) Caprolactam	11.88	113	43502	41.060	ng	96
36) 4-Chloro-3-methylphenol	12.20	107	153983	42.025	ng	96
37) 2-Methylnaphthalene	12.58	142	276698	41.394	ng	99
38) 1-Methylnaphthalene	12.80	142	265553	42.158	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	199385	44.441	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	264338	106.558	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	130477	44.955	nq	96
44) 2,4,5-Trichlorophenol	13.25	196	137781	45.012	nq	98
46) 1,1'-Biphenyl	13.58	154	367024	44.544	nq	100
47) 2-Chloronaphthalene	13.63	162	307494	43.471	nq	98
48) 2-Nitroaniline	13.83	65	111252	43.841	nq	96
49) Acenaphthylene	14.47	152	478112	44.909	nq	99
50) Dimethylphthalate	14.19	163	406438	43.134	nq	97
51) 2,6-Dinitrotoluene	14.32	165	89793	44.198	nq	98
52) Acenaphthene	14.81	154	275587	42.731	nq	96
53) 3-Nitroaniline	14.66	138	59699	29.386	nq	93
54) 2,4-Dinitrophenol	14.86	184	87940	82.115	nq	96
55) Dibenzofuran	15.14	168	482637	44.474	nq	99
56) 4-Nitrophenol	14.95	139	139258	99.937	nq	95
57) 2,4-Dinitrotoluene	15.10	165	128821	44.888	nq	98
58) Fluorene	15.78	166	375395	43.436	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	142913	47.509	nq	99
60) Diethylphthalate	15.54	149	404020	42.015	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	234965	41.828	nq	96
62) 4-Nitroaniline	15.82	138	92555	43.034	nq	97
63) Azobenzene	16.07	77	381388	43.637	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	72966	47.791	nq	97
66) n-Nitrosodiphenylamine	15.99	169	347753	43.376	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	153111	39.782	nq	98
68) Hexachlorobenzene	16.78	284	162514	39.653	nq	99
69) Atrazine	16.93	200	148411	47.976	nq	96
70) Pentachlorophenol	17.13	266	195558	88.590	nq	97
71) Phenanthrene	17.53	178	652874	43.949	nq	100
72) Anthracene	17.62	178	680087	46.418	nq	98
73) Carbazole	17.89	167	589278	46.874	nq	99
74) Di-n-butylphthalate	18.42	149	687088	43.974	nq	99
75) Fluoranthene	19.53	202	868920	47.356	nq	99
77) Benzidine	19.71	184	323448	45.638	nq	98
78) Pyrene	19.90	202	866446	44.863	nq	99
80) Butylbenzylphthalate	20.76	149	322477	42.907	nq	98
81) Benzo(a)anthracene	21.75	228	847457	42.852	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	203475	29.253	nq	97
83) Chrysene	21.81	228	840101	44.391	nq	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	451007	42.628	nq	97
85) Di-n-octyl phthalate	22.86	149	794986	45.117	nq	100
86) Indeno(1,2,3-cd)pyrene	28.93	276	1023064	44.130	nq	# 98
88) Benzo(b)fluoranthene	24.03	252	889389	44.564	nq	100
89) Benzo(k)fluoranthene	24.10	252	844614	42.767	nq	99
90) Benzo(a)pyrene	24.94	252	854648	44.885	nq	97
91) Dibenzo(a,h)anthracene	28.99	278	844547	44.389	nq	99
92) Benzo(g,h,i)perylene	30.14	276	852167	46.103	nq	96

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

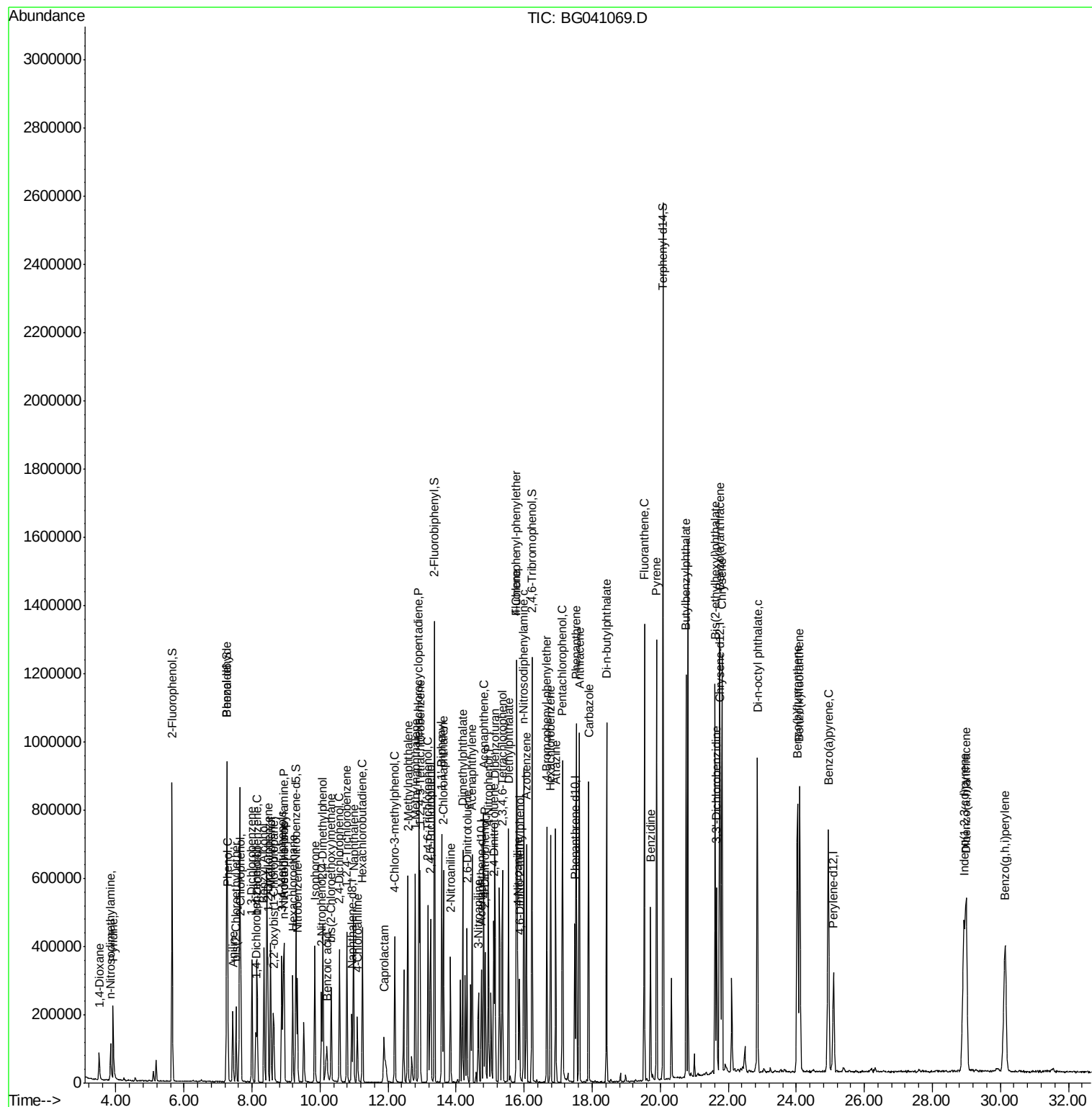
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041069.D
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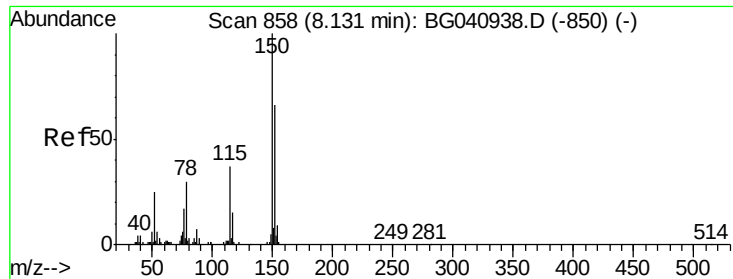
Instrument :
BNA_G
ClientSampleId :
PB120267BS

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#1

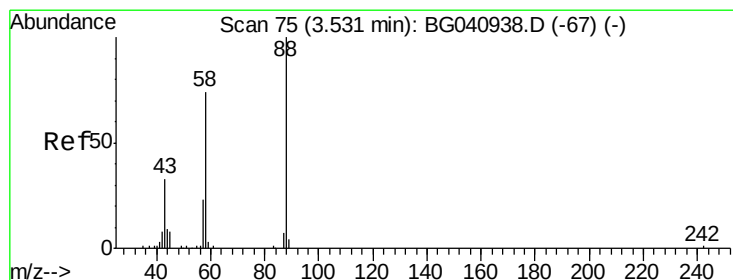
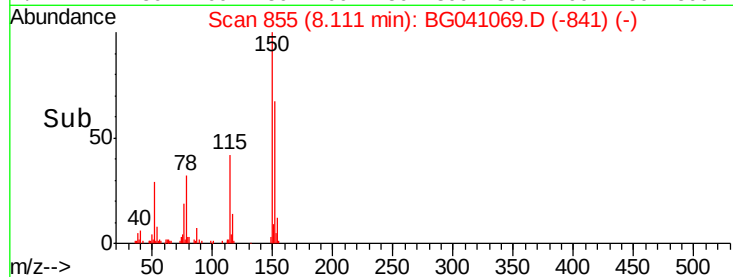
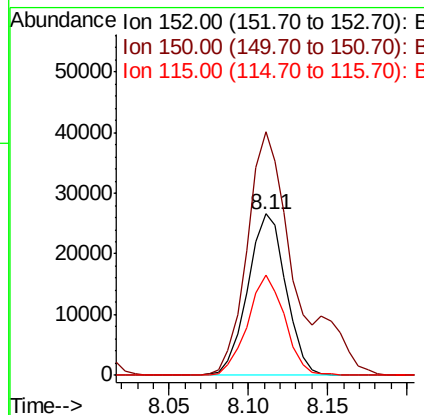
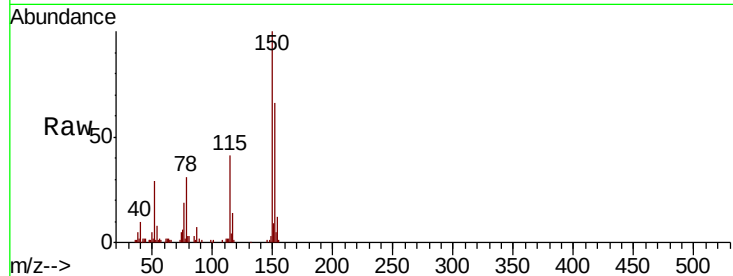
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampled :
PB120267BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	120.6	180.8
115	62.5	45.1	67.7

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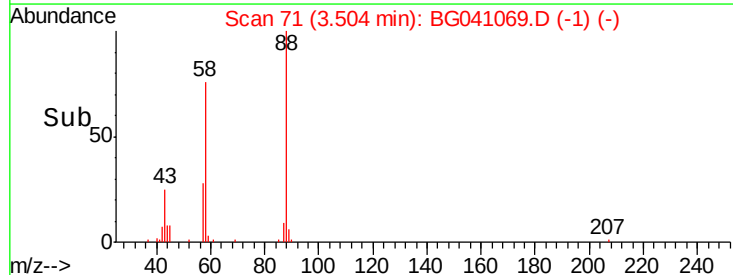
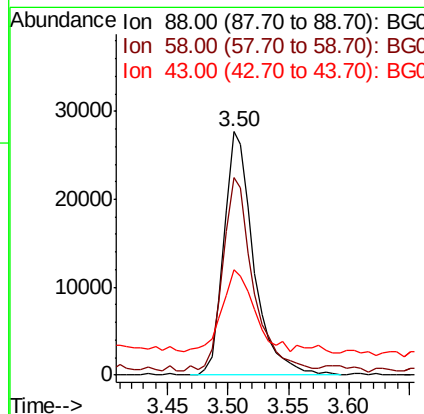
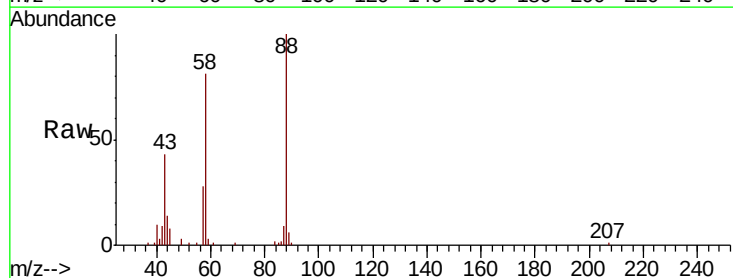
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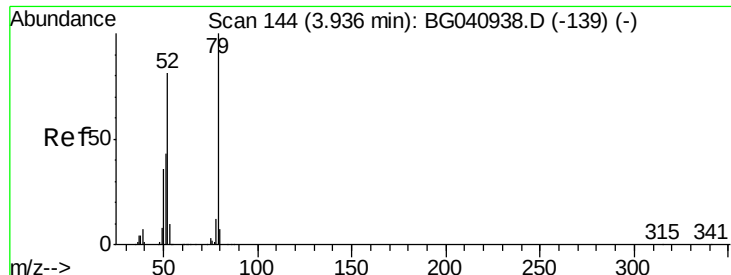


#2

1,4-Dioxane
Concen: 42.412 ng
RT: 3.50 min Scan# 71
Delta R.T. -0.03 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	59.0	88.6
43	36.2	27.2	40.8





#3

Pvridine

Concen: 38.579 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

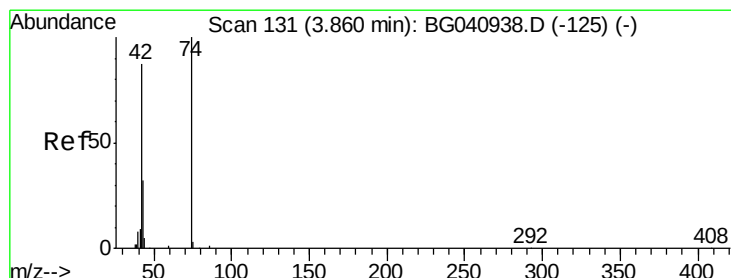
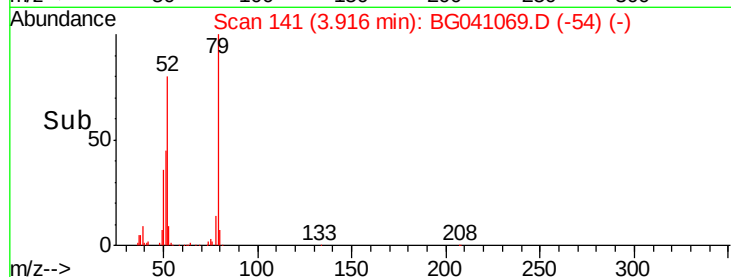
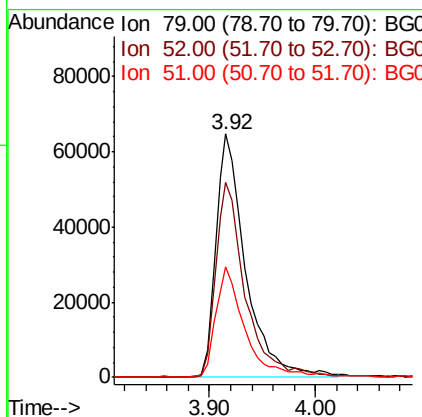
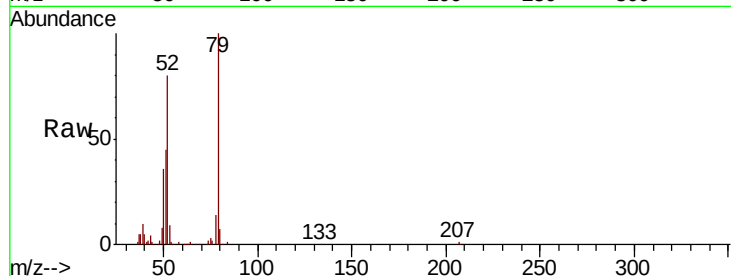
ClientSampleId :

PB120267BS

Tot Ion:	79	Resp:	127408
Ion	Ratio	Lower	Upper
79	100		
52	80.2	64.8	97.2
51	45.3	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 45.972 ng

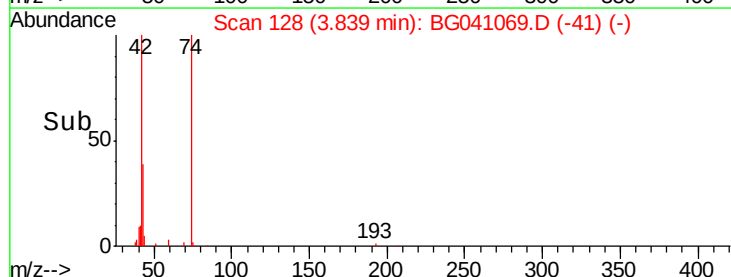
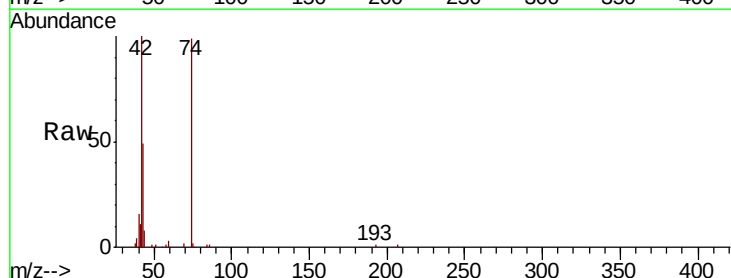
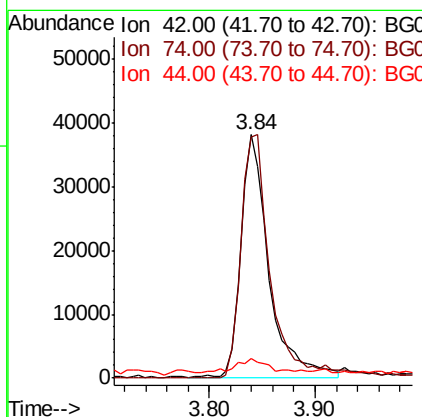
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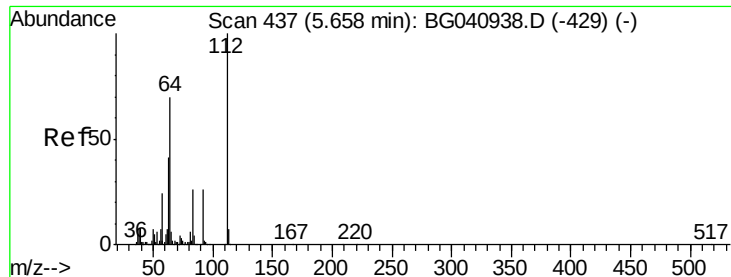
Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	42	Resp:	70462
Ion	Ratio	Lower	Upper
42	100		
74	99.3	91.8	137.6
44	8.0	6.0	9.0





#5

2-Fluorophenol

Concen: 136.240 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

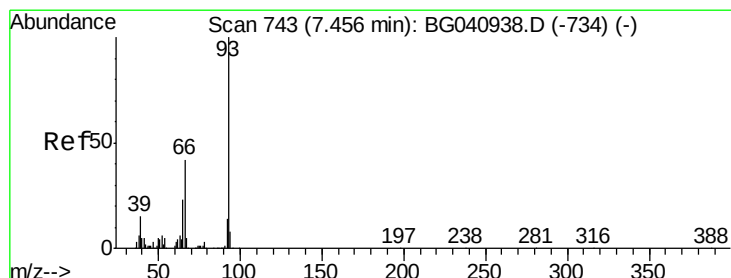
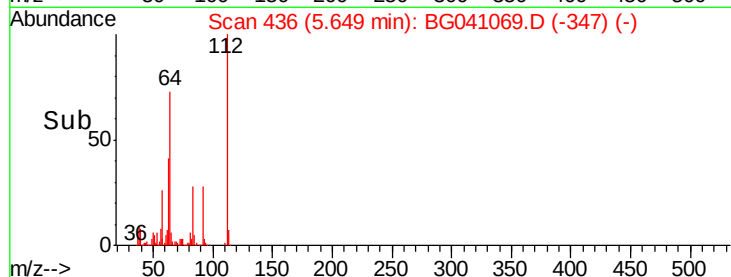
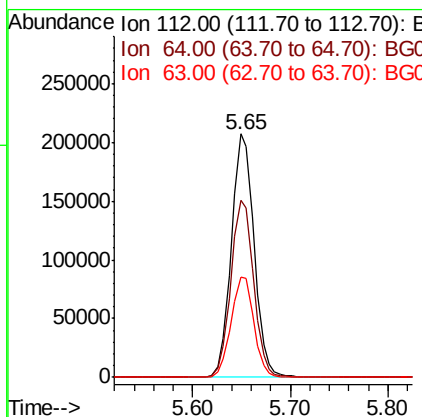
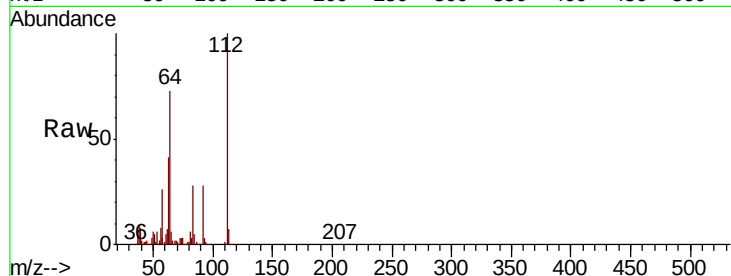
ClientSampled :

PB120267BS

Tot Ion:	112	Resp:	335089
Ion Ratio	Lower	Upper	
112	100		
64	72.6	56.2	84.2
63	41.3	32.8	49.2

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#6

Aniline

Concen: 25.465 ng

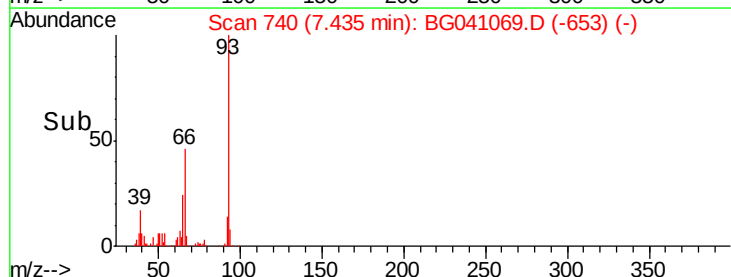
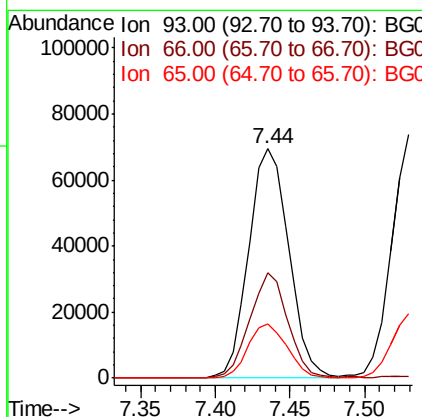
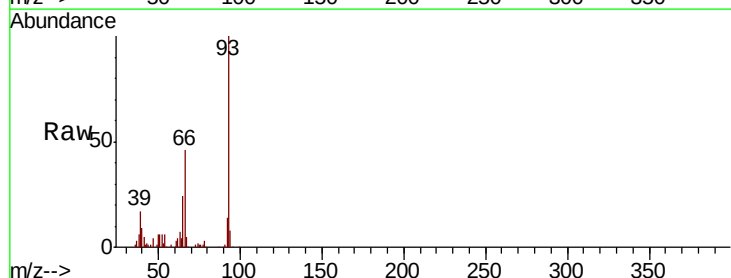
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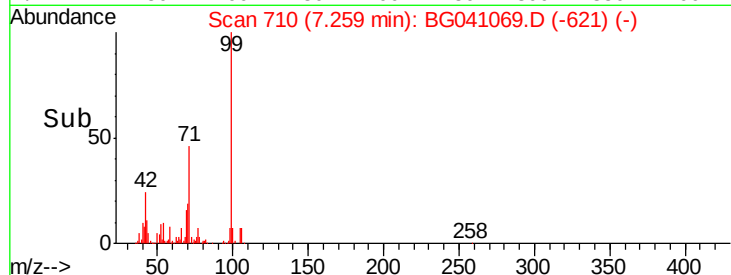
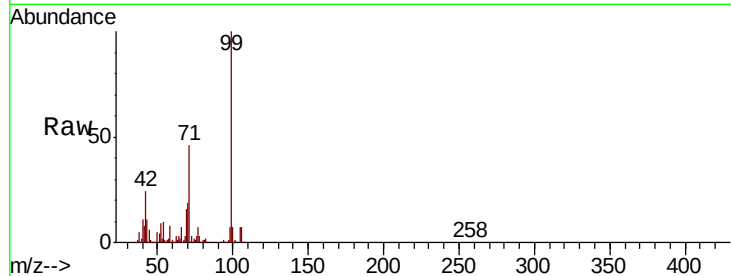
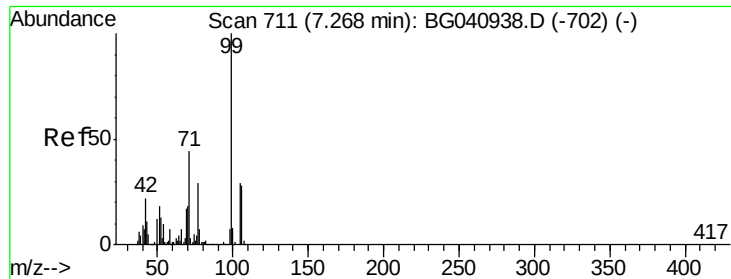
Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	93	Resp:	129114
Ion Ratio	Lower	Upper	
93	100		
66	45.7	33.8	50.8
65	23.6	18.3	27.5





#7

Phenol-d6

Concen: 121.461 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tot Ion:	99	Resp:	461372
Ion	Ratio	Lower	Upper
99	100		
42	24.0	17.9	26.9
71	45.6	35.4	53.0

Instrument :

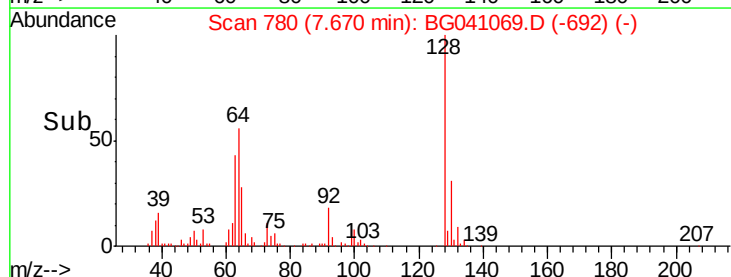
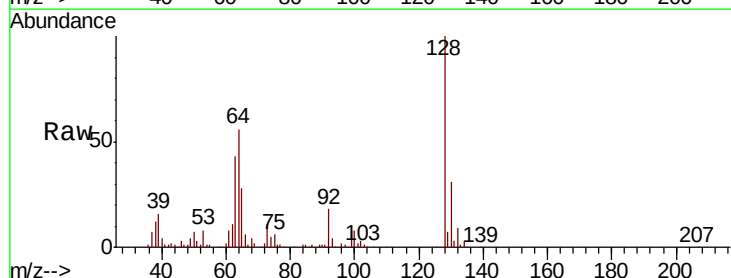
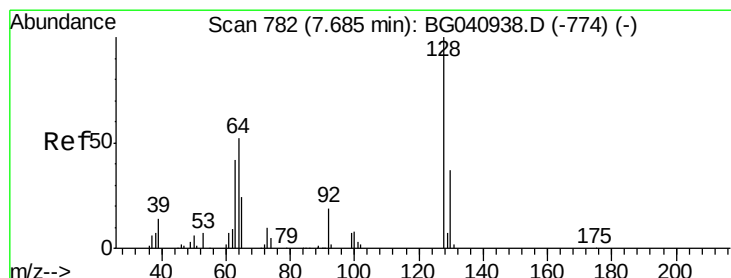
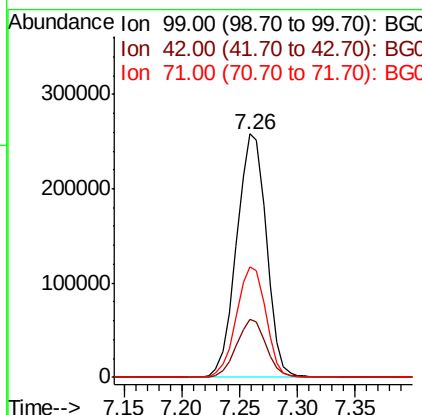
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 42.168 ng

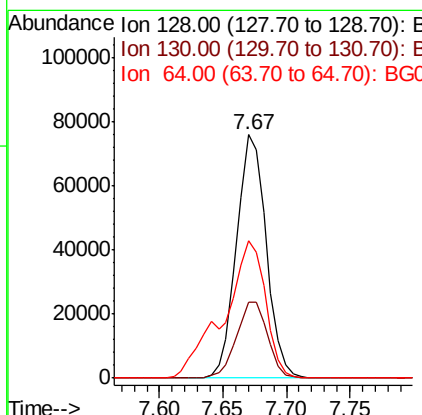
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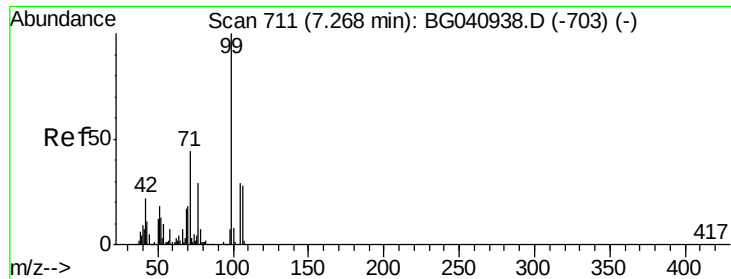
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	128	Resp:	123648
Ion	Ratio	Lower	Upper
128	100		
130	31.1	16.6	56.6
64	56.3	37.8	77.8





#9

Benzaldehyde

Concen: 20.595 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

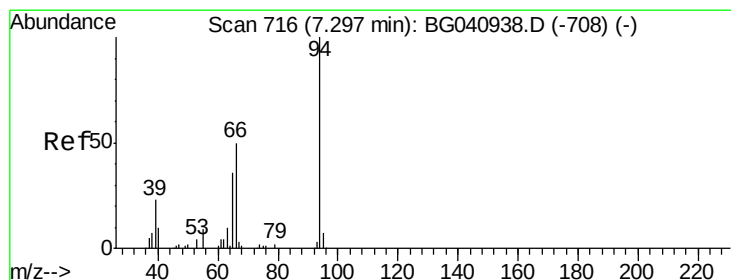
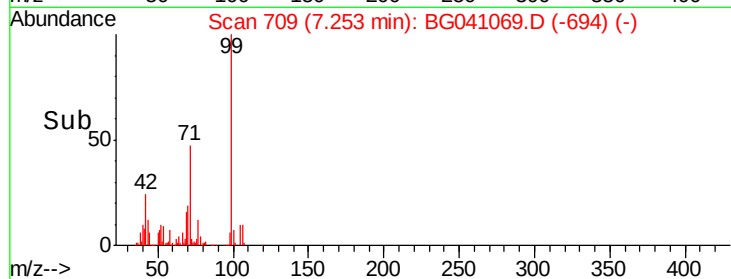
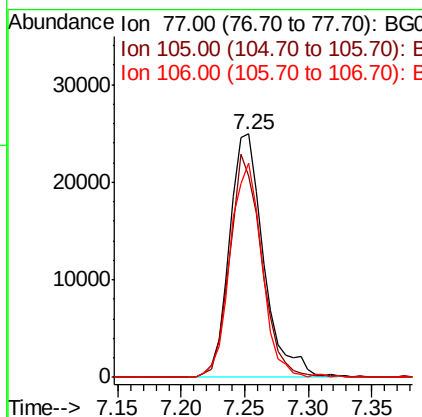
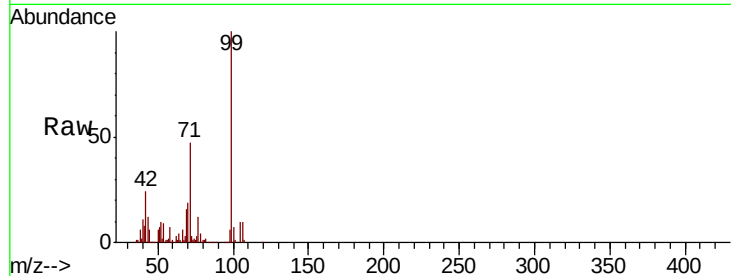
ClientSampleId :

PB120267BS

Tot Ion:	77	Resp:	46666
Ion	Ratio	Lower	Upper
77	100		
105	82.9	78.9	118.9
106	88.1	76.7	116.7

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#10

Phenol

Concen: 41.223 ng

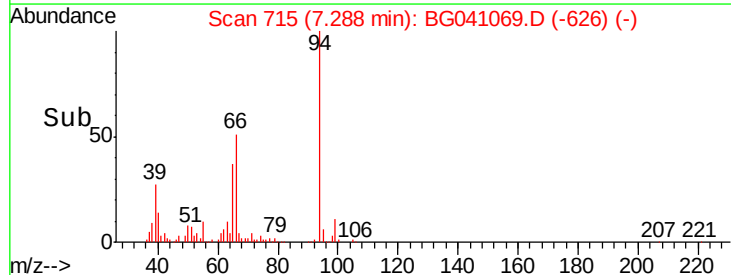
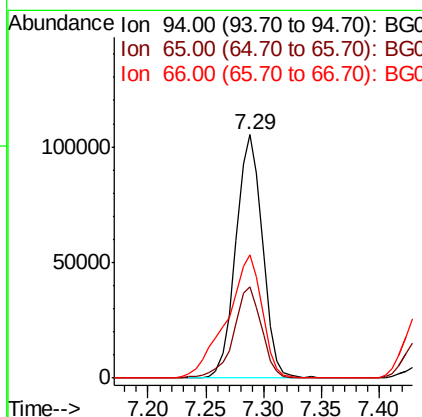
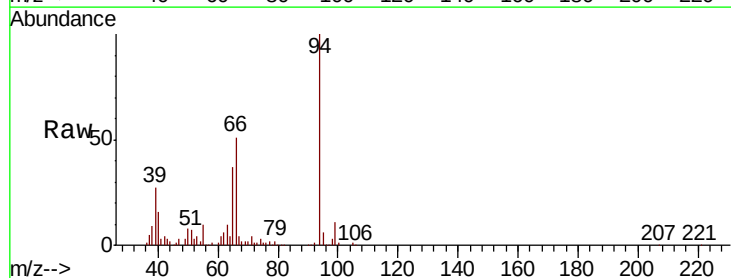
RT: 7.29 min Scan# 715

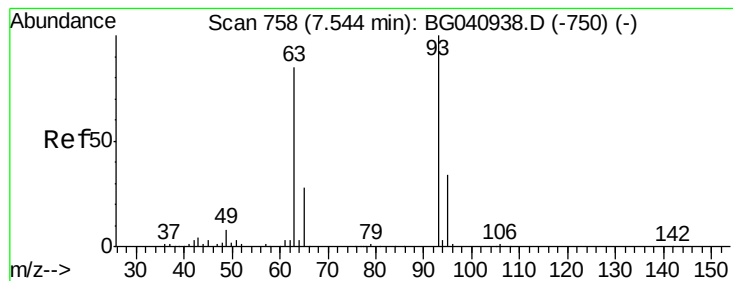
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	94	Resp:	167893
Ion	Ratio	Lower	Upper
94	100		
65	37.2	17.0	57.0
66	50.6	32.4	72.4





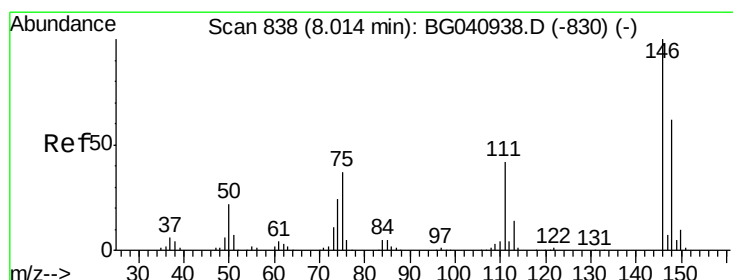
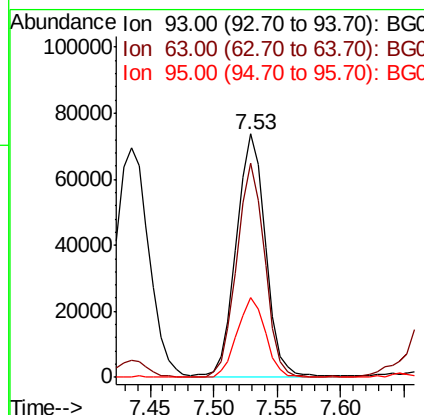
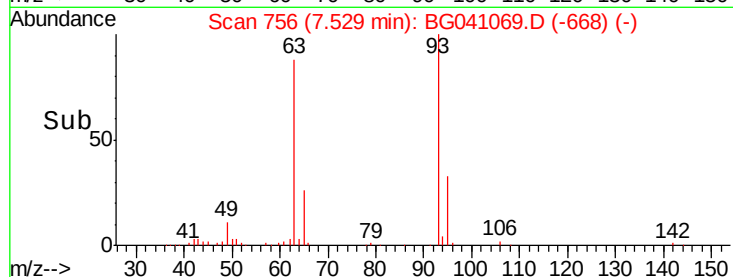
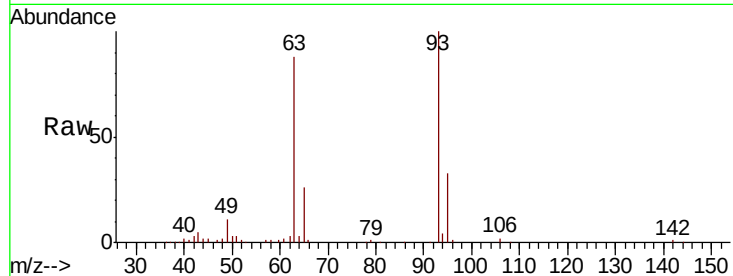
#11
bis(2-Chloroethyl)ether
Concen: 39.761 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	64.5	104.5
95	32.7	13.3	53.3

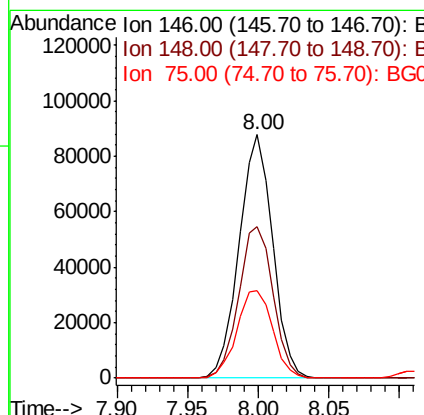
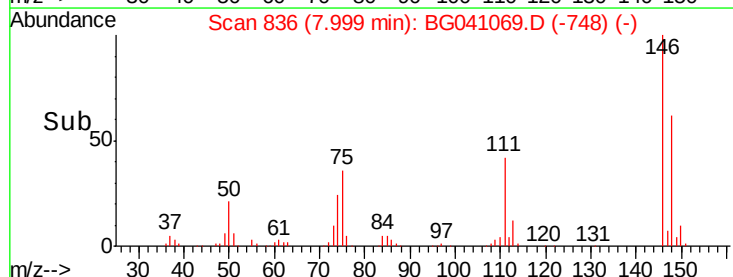
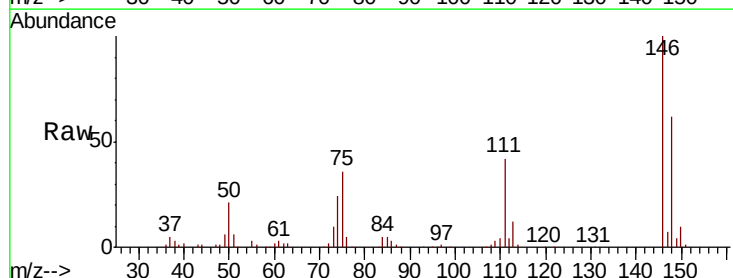
Manual Integrations
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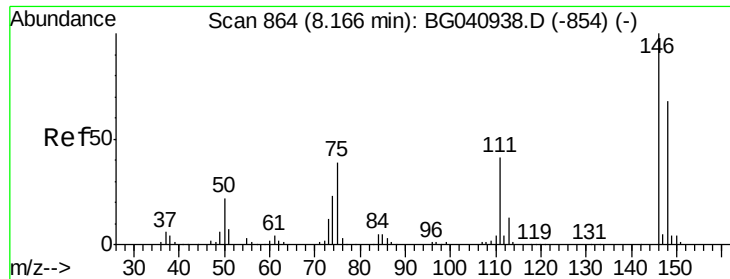
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.617 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.2	73.8
75	36.1	29.4	44.0





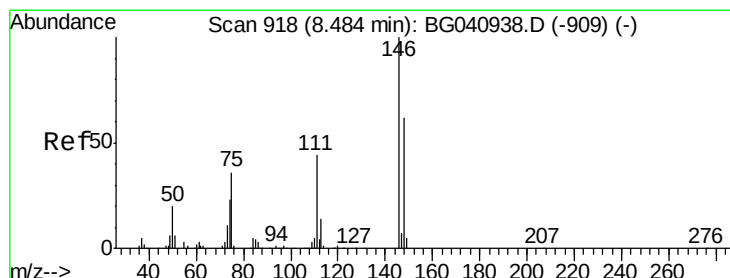
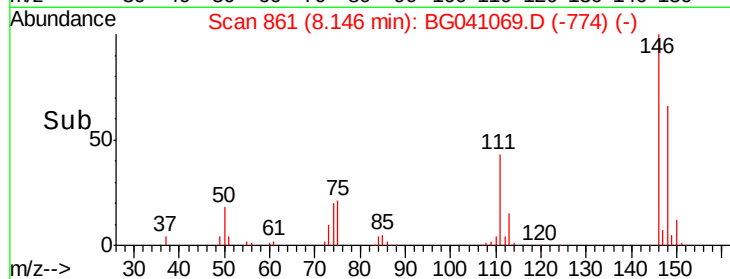
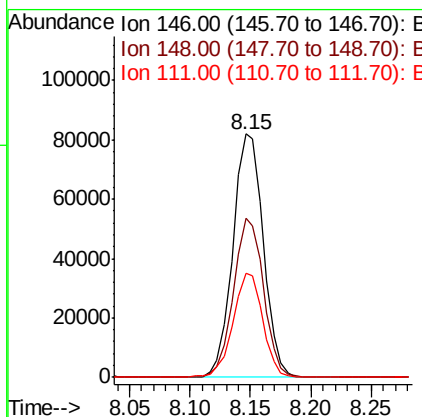
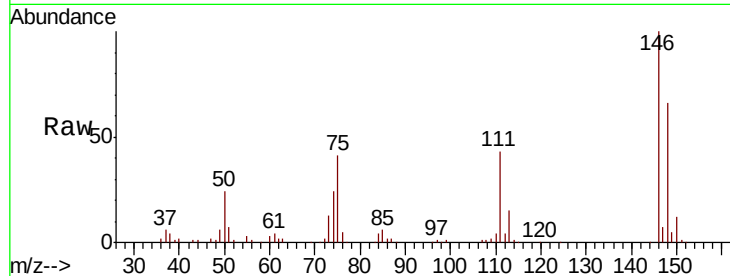
#13
 1,4-Dichlorobenzene
 Concen: 40.597 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampled :
 PB120267BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	54.2	81.4
111	42.9	32.9	49.3

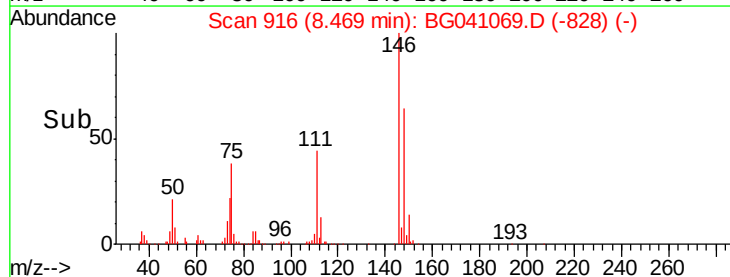
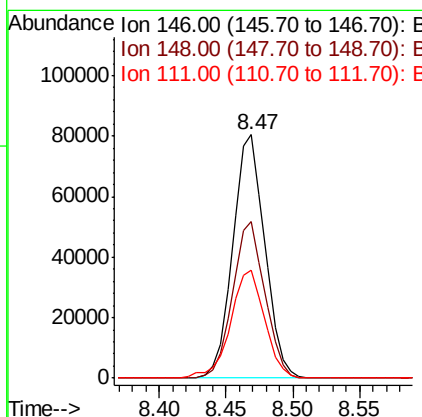
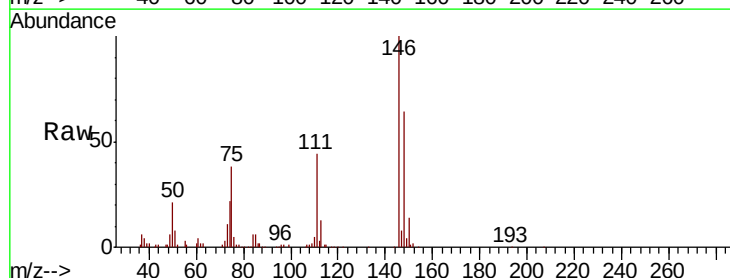
Manual Integrations
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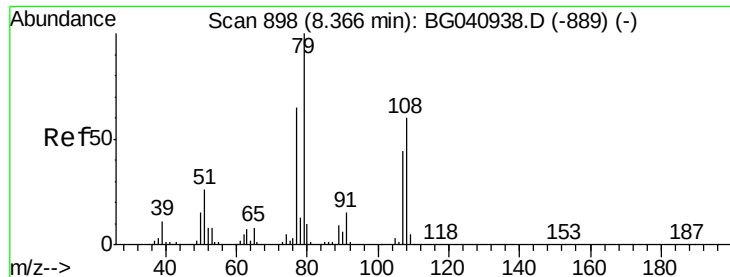
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.873 ng
 RT: 8.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.8	74.6
111	44.4	35.0	52.4





#15

Benzyl Alcohol

Concen: 39.745 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

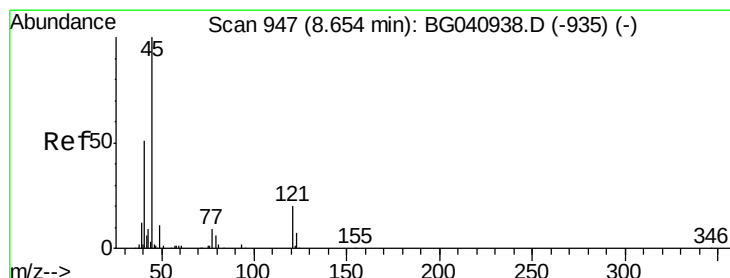
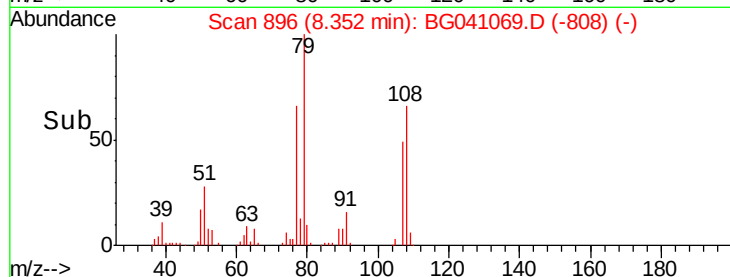
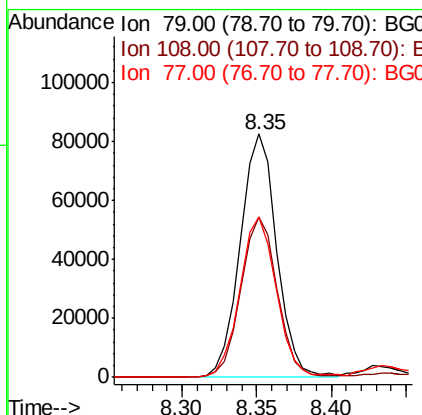
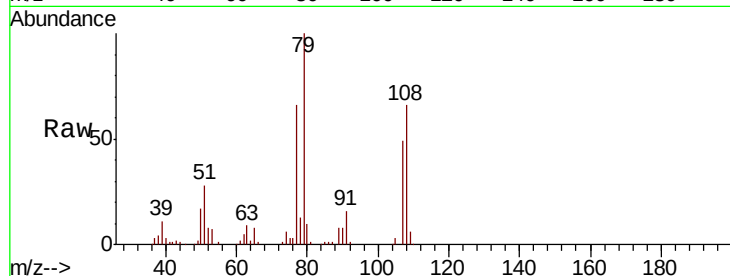
ClientSampled :

PB120267BS

Tot Ion:	79	Resp:	139655
Ion	Ratio	Lower	Upper
79	100		
108	65.7	48.3	72.5
77	66.0	52.3	78.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.355 ng

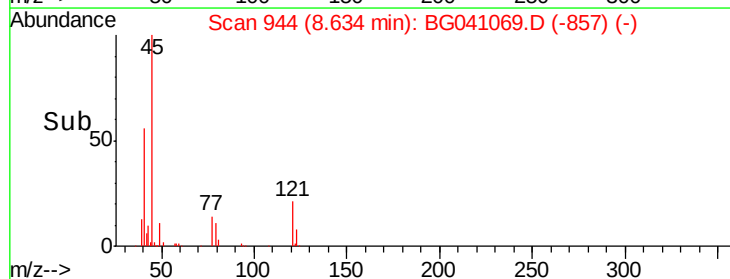
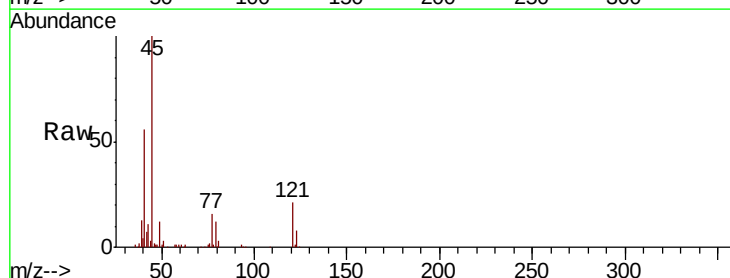
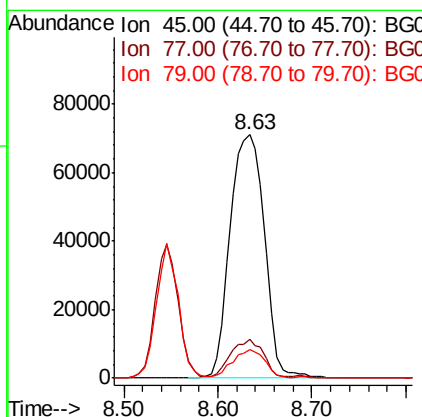
RT: 8.63 min Scan# 944

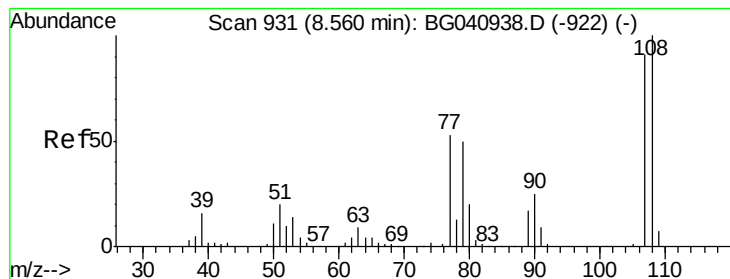
Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	45	Resp:	180350
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	33.7
79	11.7	0.0	30.2





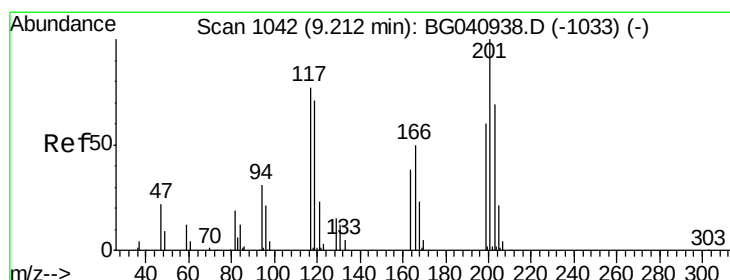
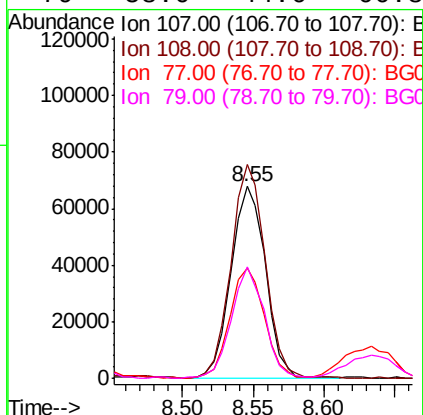
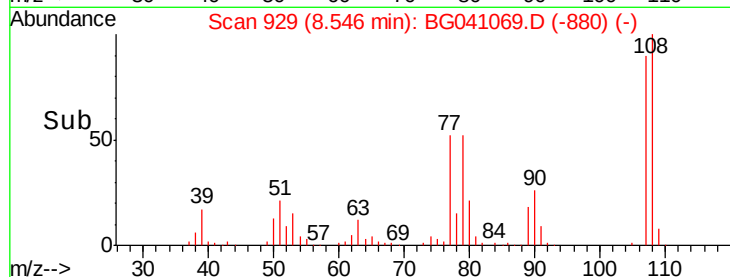
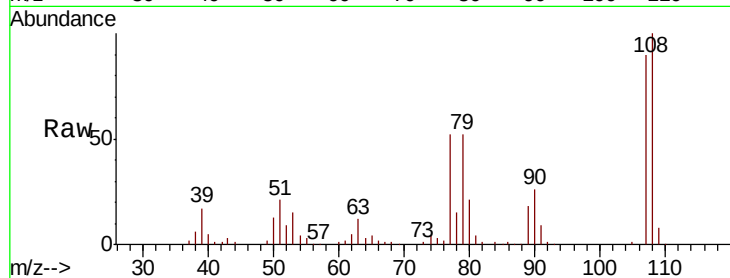
#17
2-Methylphenol
Concen: 39.247 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	87.7	131.5	
77	57.5	46.6	70.0	
79	58.0	44.6	66.8	

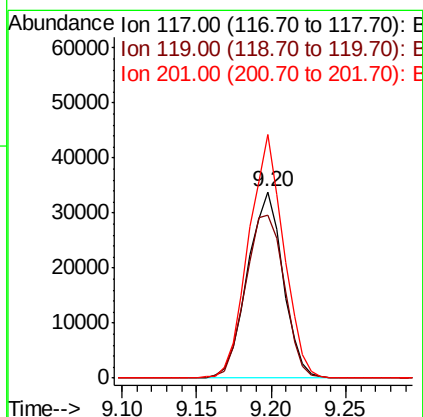
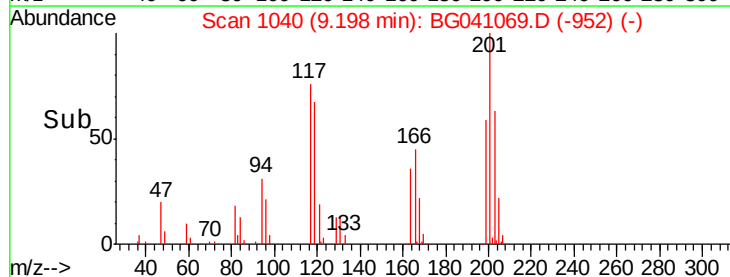
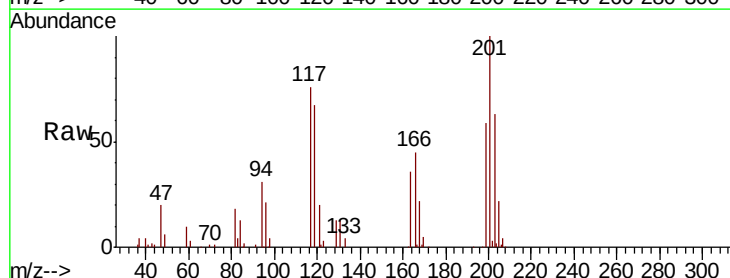
Manual Integrations
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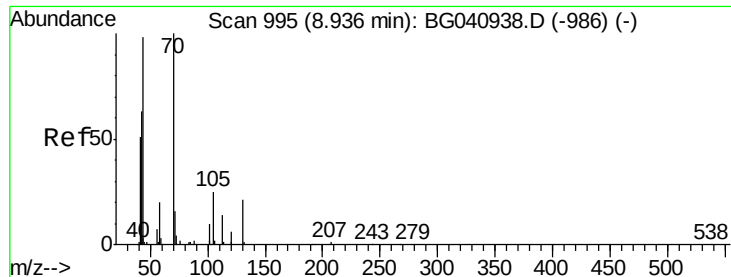
mohammad
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#18
Hexachloroethane
Concen: 40.628 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	87.5	75.0	112.6	
201	130.8	103.5	155.3	





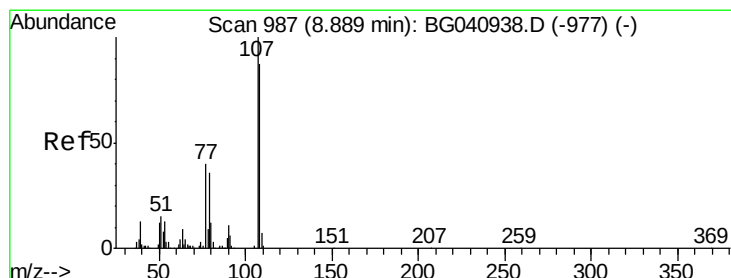
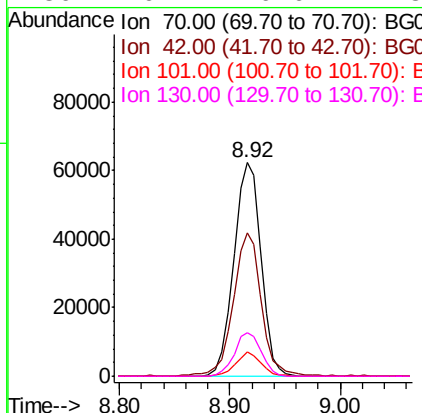
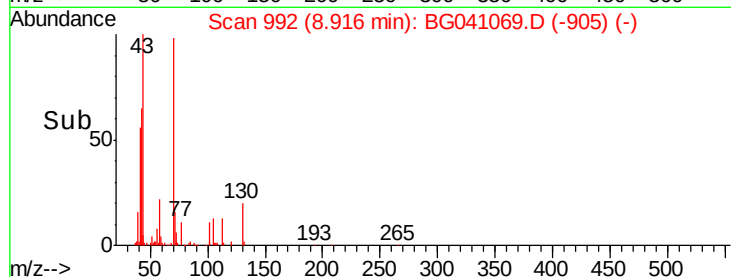
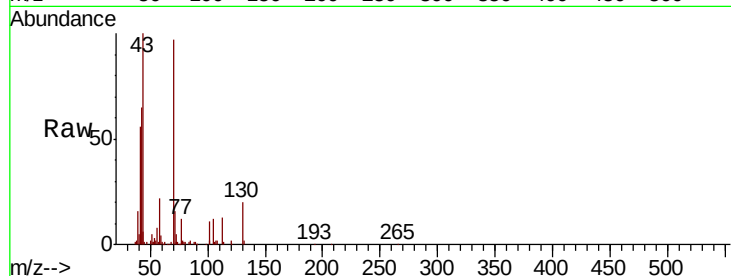
#19
n-Nitroso-di-n-propylamine
Concen: 36.777 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.9	51.5	77.3		
101	11.1	8.1	12.1		
130	20.1	16.6	24.8		

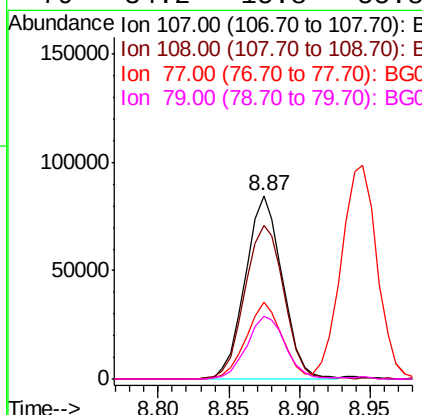
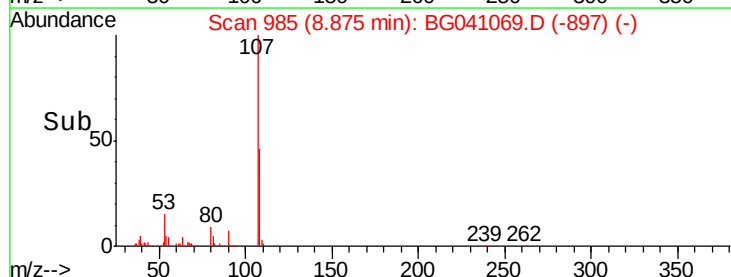
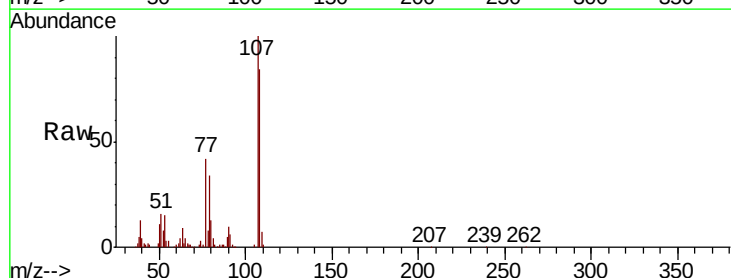
Manual Integrations
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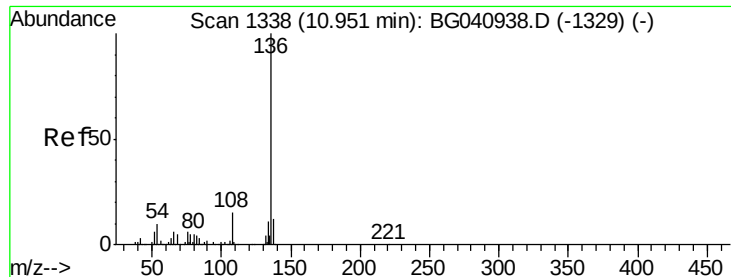
mohammad
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#20
3+4-Methylphenols
Concen: 38.078 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	83.9	66.8	106.8		
77	42.0	20.5	60.5		
79	34.2	15.8	55.8		





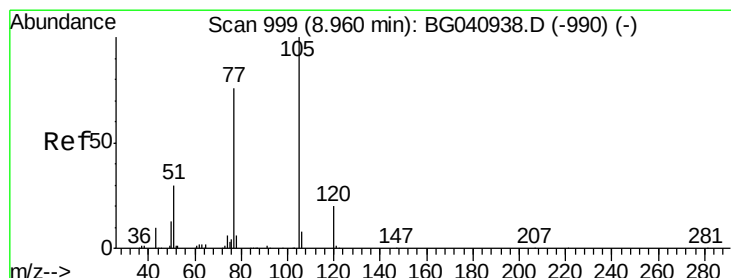
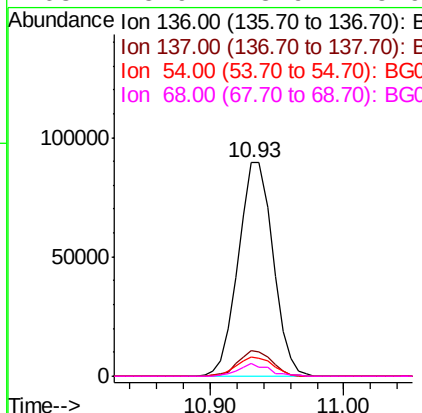
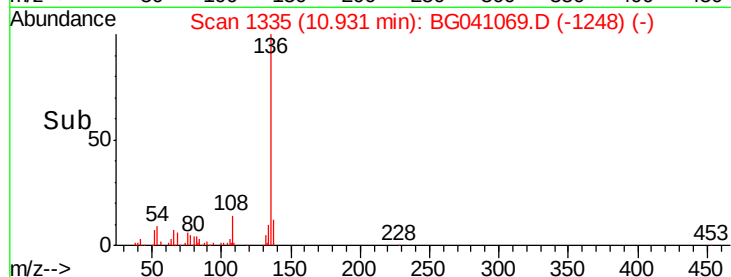
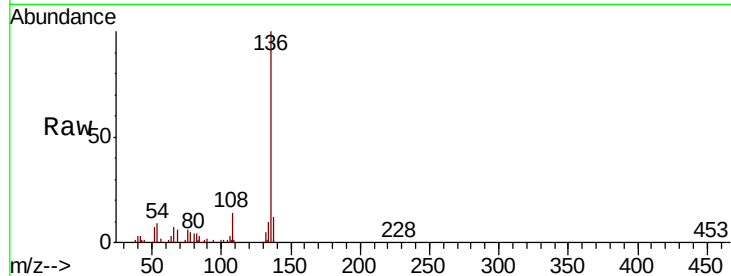
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	161648		
137	11.8		9.5	14.3
54	9.2		7.6	11.4
68	5.9		3.9	5.9

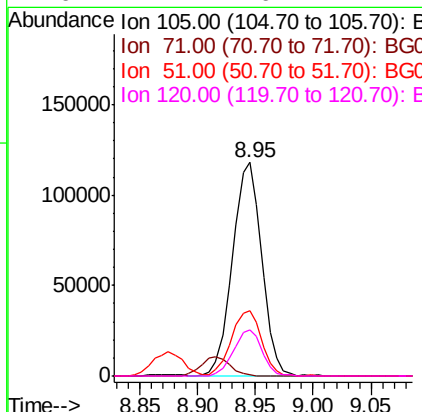
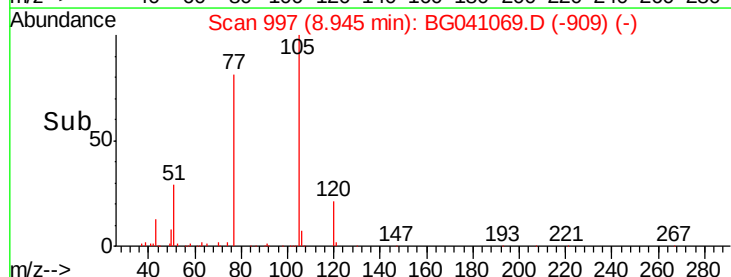
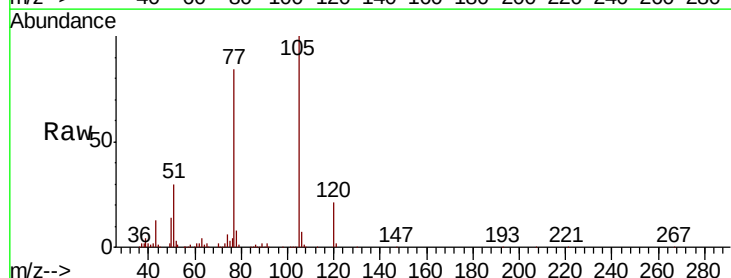
Manual Integrations
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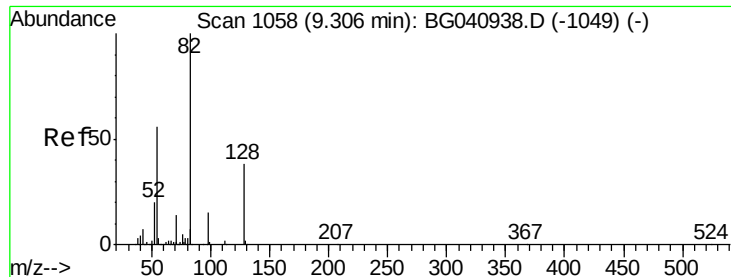
mohammad
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#22
Acetophenone
Concen: 45.553 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206562		
71	0.3		0.4	0.6#
51	30.4		27.0	40.6
120	21.4		16.2	24.4





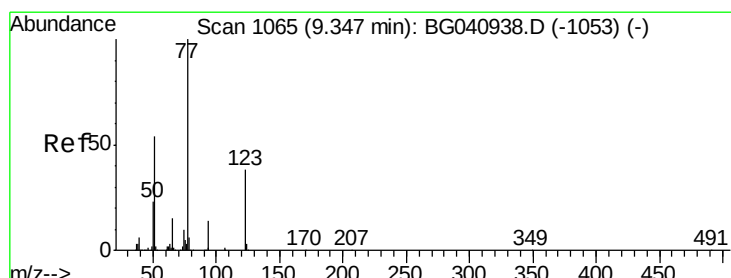
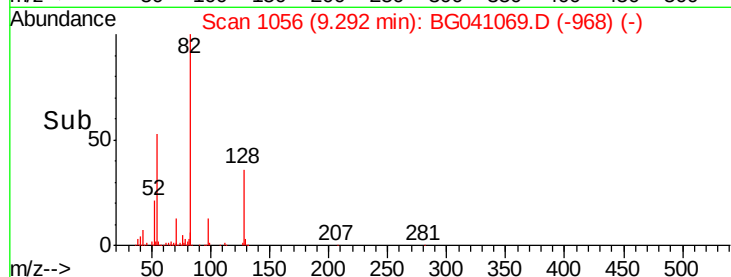
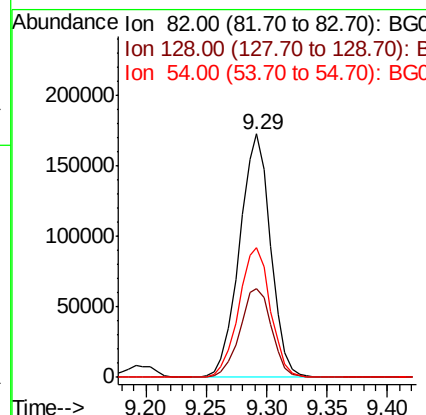
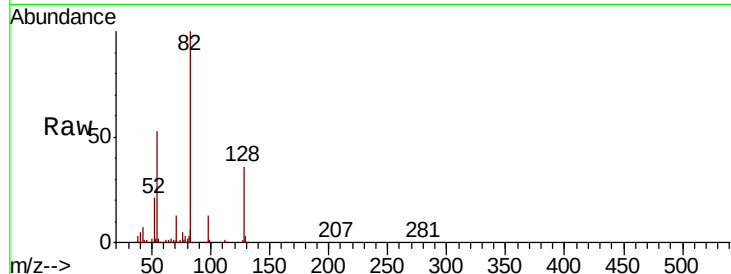
#23
 Nitrobenzene-d5
 Concen: 84.970 ng
 RT: 9.29 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.5	45.7
54	53.2	44.6	66.8

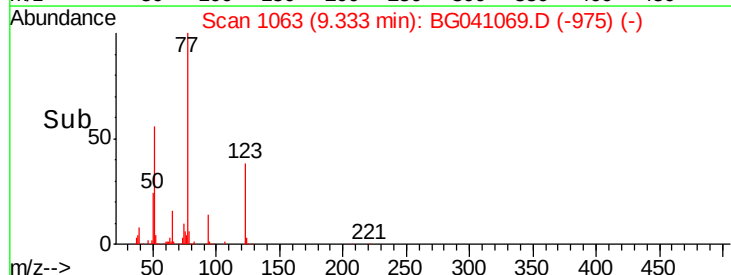
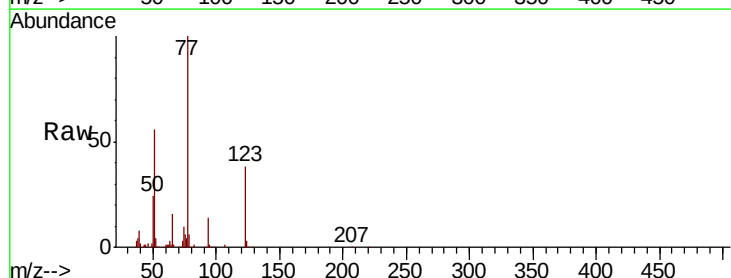
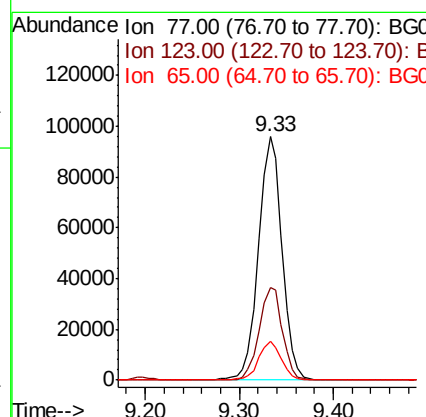
Manual Integrations
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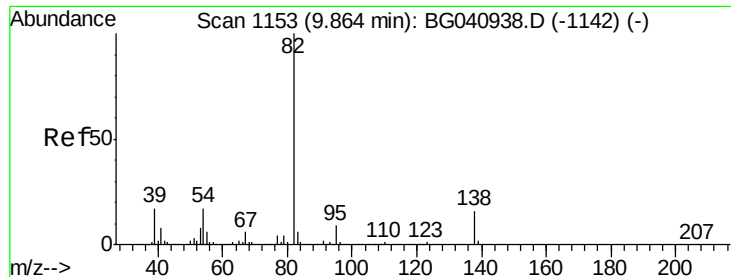
mohammad
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#24
 Nitrobenzene
 Concen: 44.780 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	30.6	46.0
65	16.2	12.3	18.5





#25

Isophorone

Concen: 43.275 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

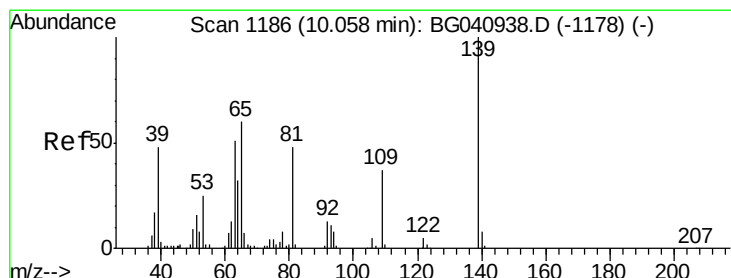
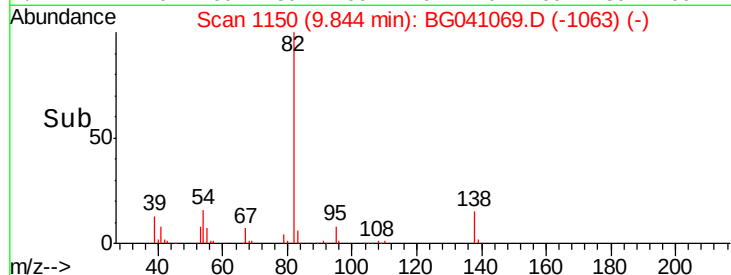
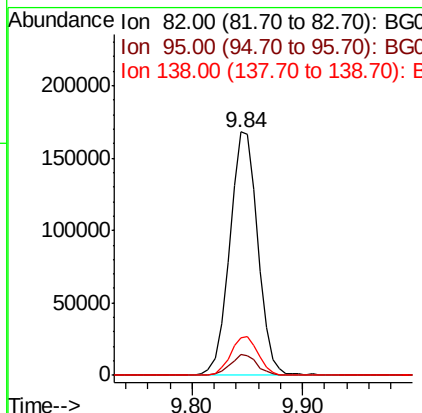
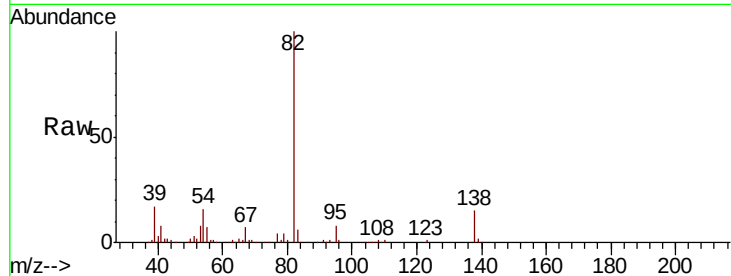
ClientSampleId :

PB120267BS

Tot Ion:	82	Resp:	299875
Ion Ratio	Lower	Upper	
82	100		
95	8.5	7.0	10.4
138	15.3	12.6	19.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.911 ng

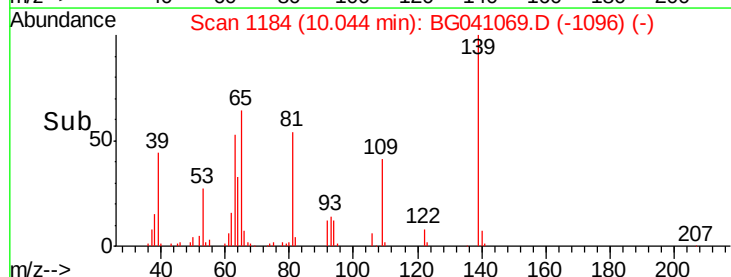
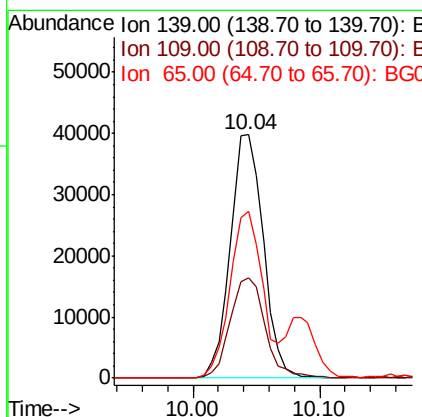
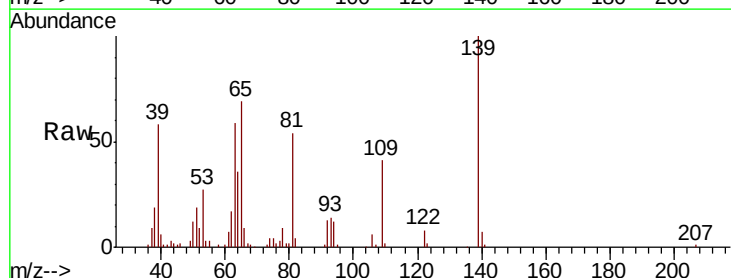
RT: 10.04 min Scan# 1184

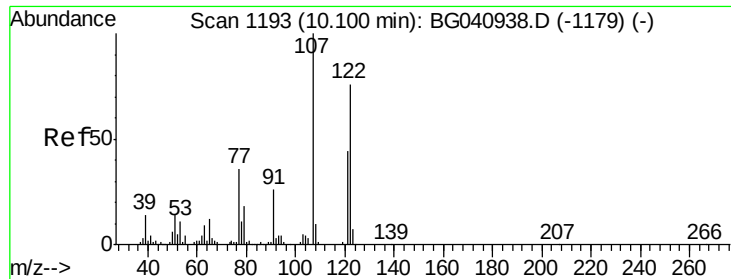
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	139	Resp:	71763
Ion Ratio	Lower	Upper	
139	100		
109	41.4	29.8	44.6
65	68.6	47.8	71.6





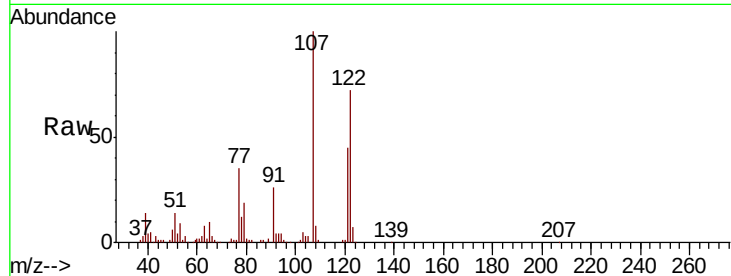
#27
2,4-Dimethylphenol
Concen: 48.755 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampled :
PB120267BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	139.5	105.9	158.9		
121	62.1	46.2	69.4		

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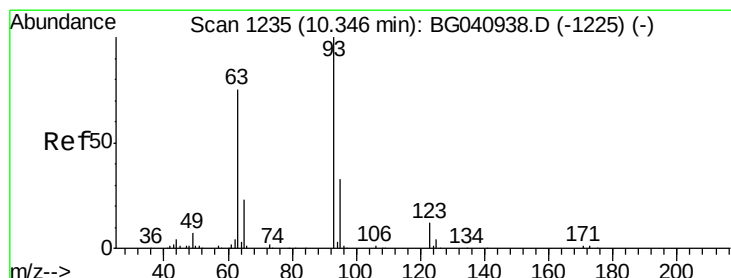
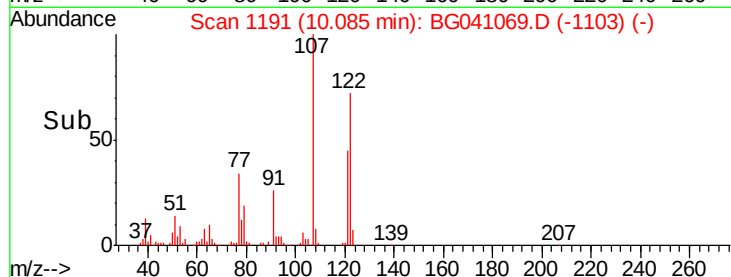
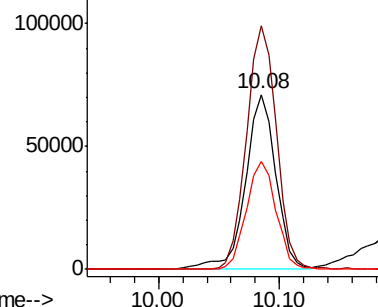


Abundance

Ion 122.00 (121.70 to 122.70): E

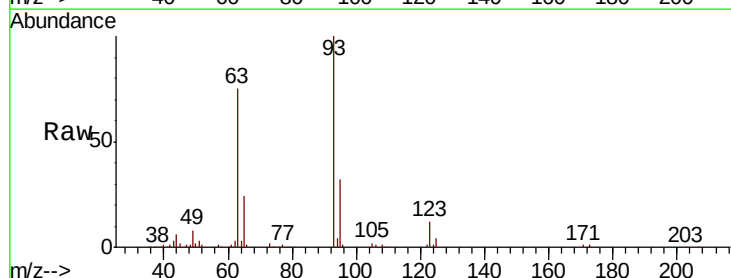
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.838 ng
RT: 10.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.0	26.2	39.2		
123	11.8	9.5	14.3		

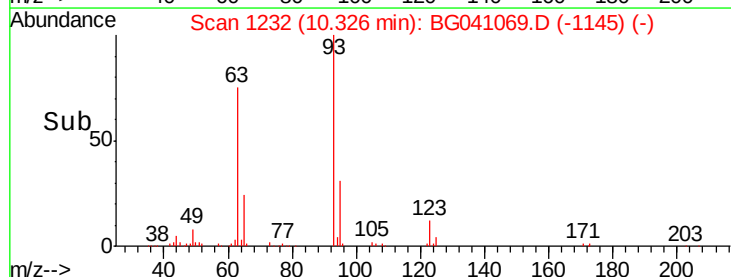
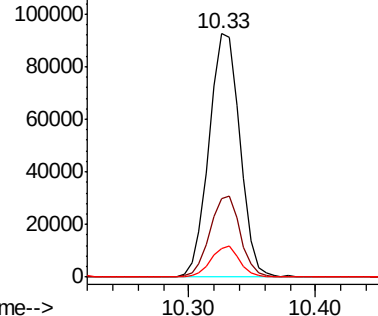


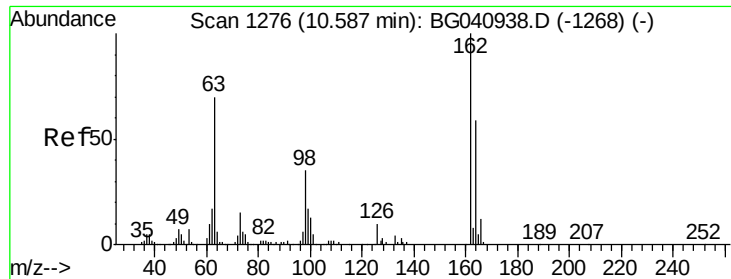
Abundance

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





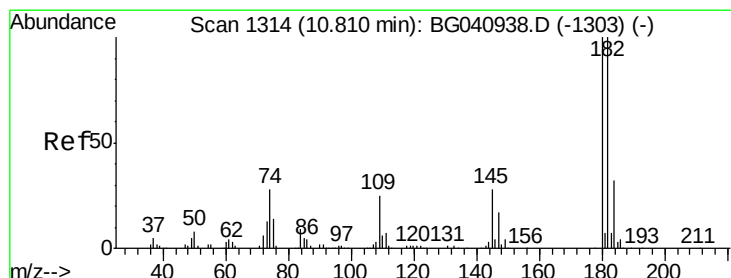
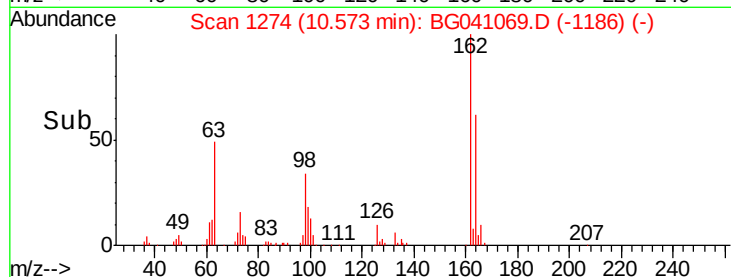
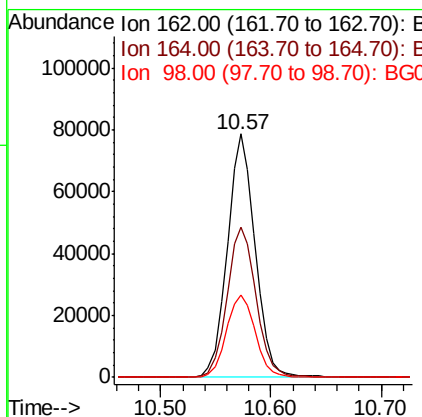
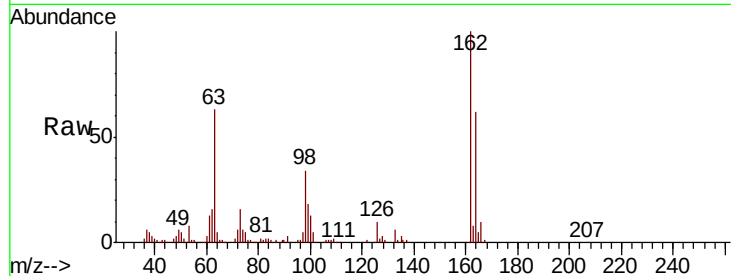
#29
2,4-Dichlorophenol
Concen: 43.094 ng
RT: 10.57 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampled :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	138260		
164	61.8	39.4	79.4	
98	33.9	15.3	55.3	

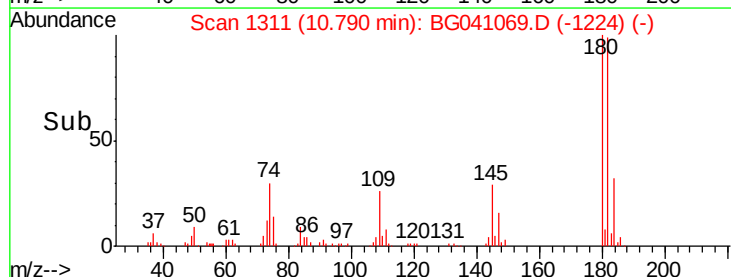
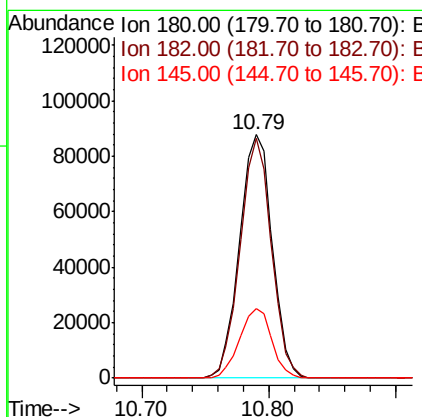
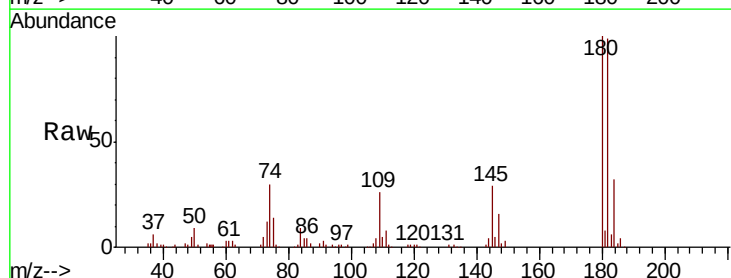
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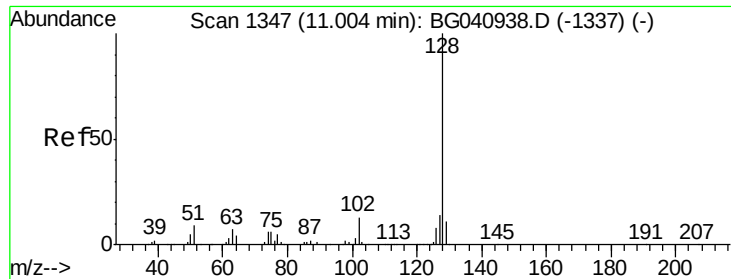
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#30
1,2,4-Trichlorobenzene
Concen: 43.016 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156999		
182	98.7	79.7	119.5	
145	28.6	22.6	34.0	





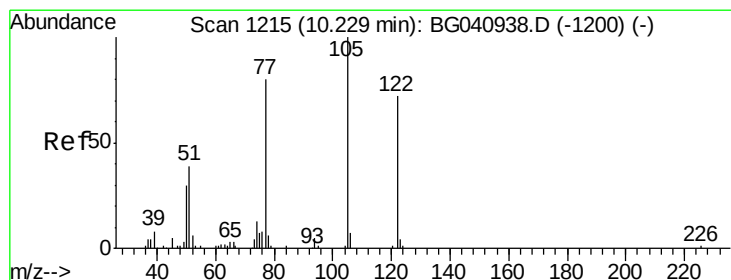
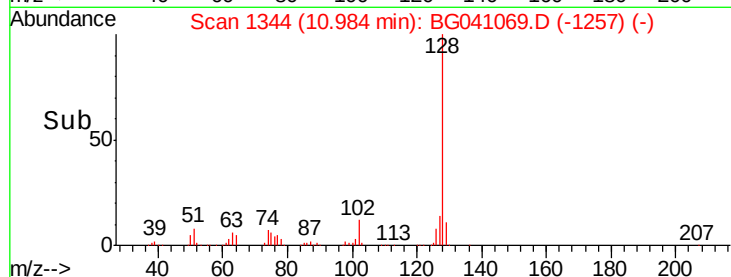
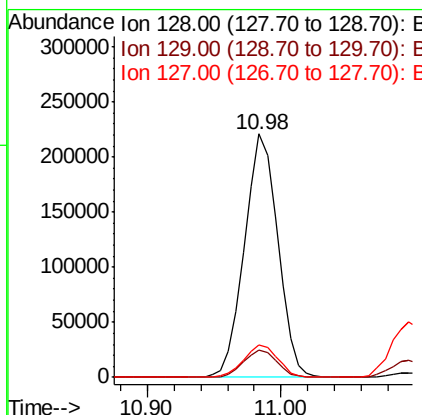
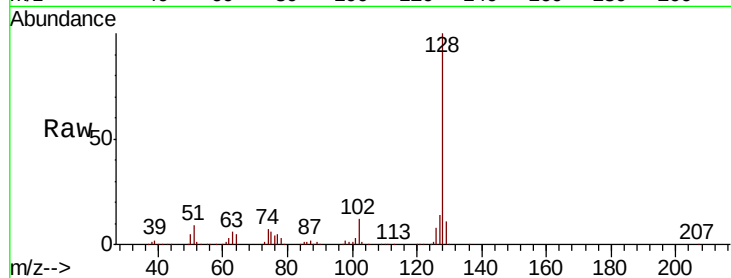
#31
Naphthalene
Concen: 43.987 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.6	11.4	17.2

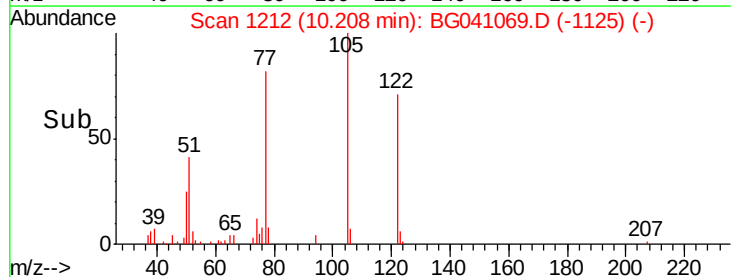
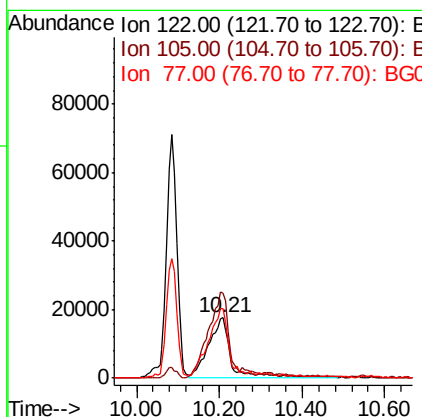
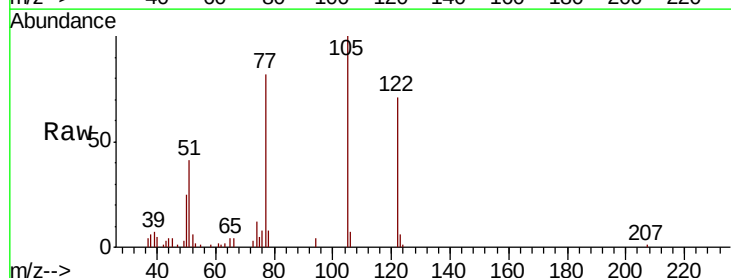
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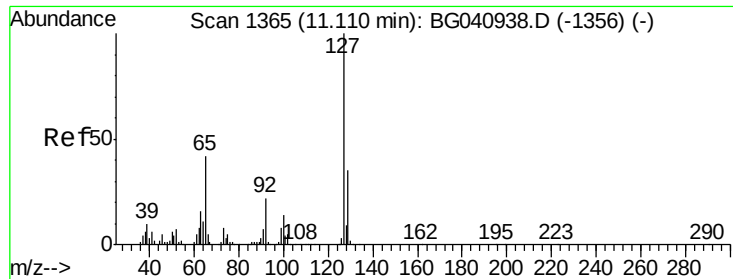
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#32
Benzoic acid
Concen: 35.032 ng m
RT: 10.21 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.2	114.8	154.8
77	115.8	89.9	129.9





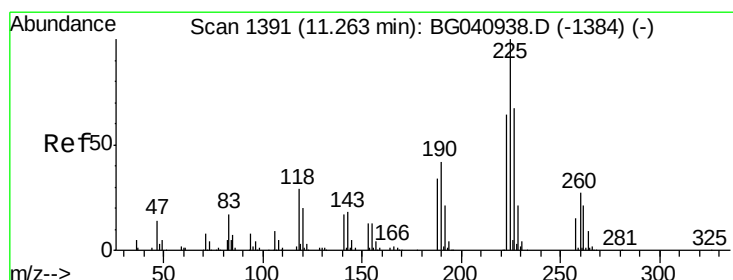
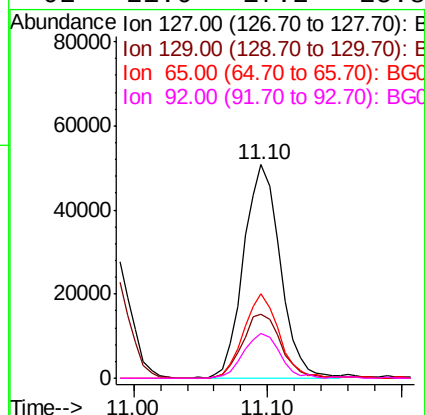
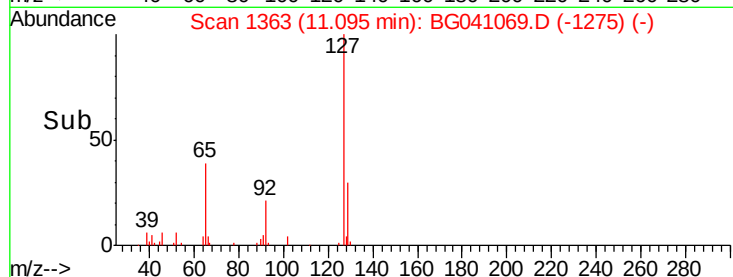
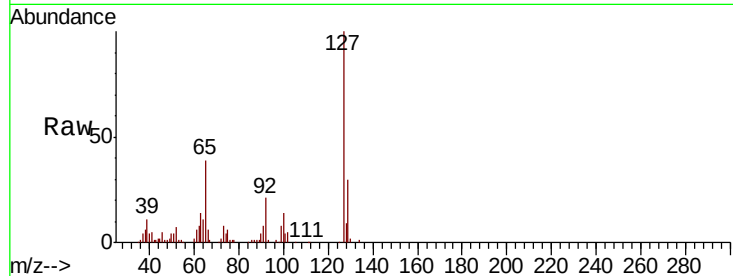
#33
 4-Chloroaniline
 Concen: 23.890 ng
 RT: 11.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.9	27.7	41.5		
65	39.4	33.2	49.8		
92	21.0	17.2	25.8		

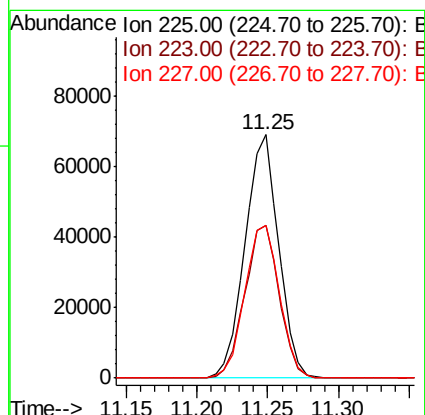
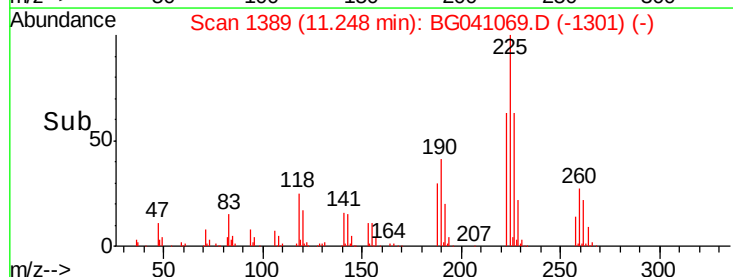
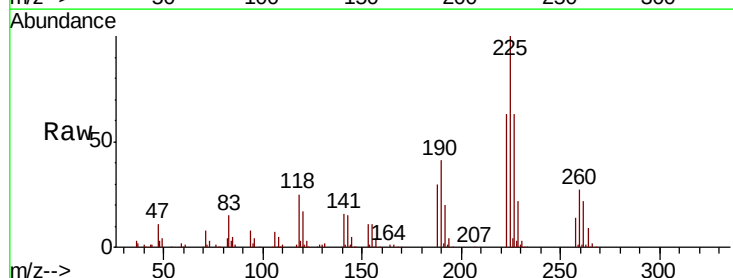
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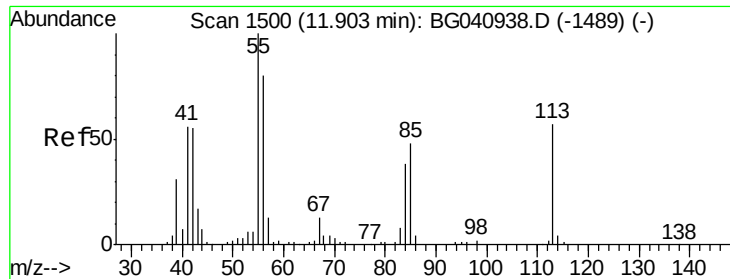
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#34
 Hexachlorobutadiene
 Concen: 41.277 ng
 RT: 11.25 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	48.8	73.2		
227	62.9	51.4	77.0		





#35

Caprolactam

Concen: 41.060 ng

RT: 11.88 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

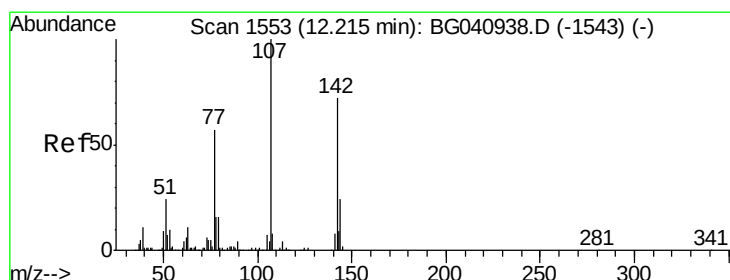
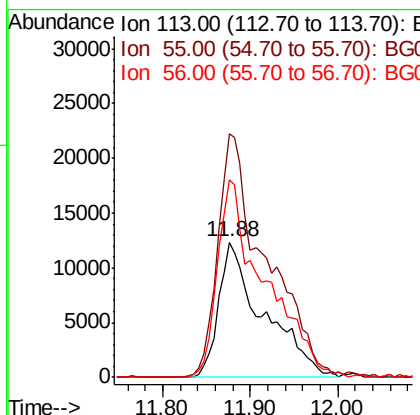
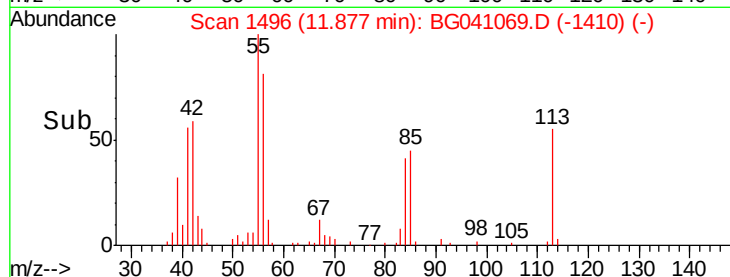
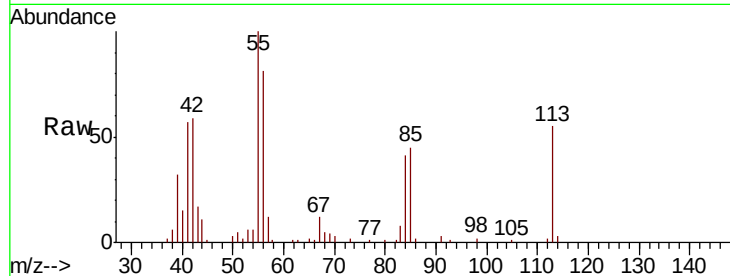
ClientSampleId :

PB120267BS

Tot Ion:	113	Resp:	43502
Ion	Ratio	Lower	Upper
113	100		
55	180.6	155.9	195.9
56	146.2	119.9	159.9

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#36

4-Chloro-3-methylphenol

Concen: 42.025 ng

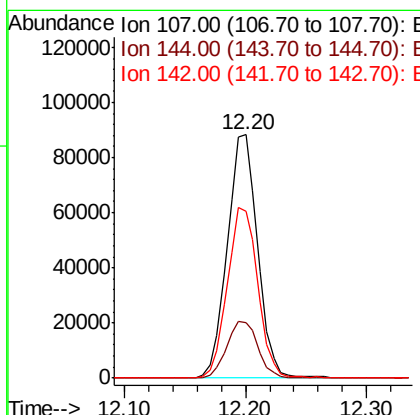
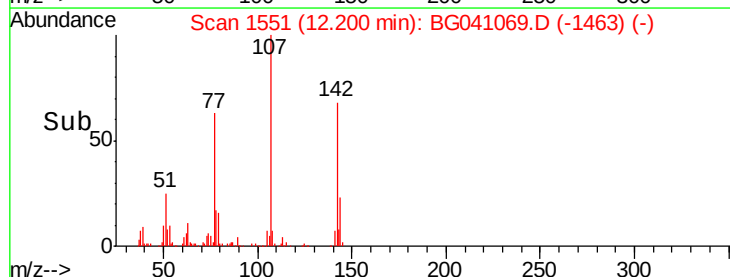
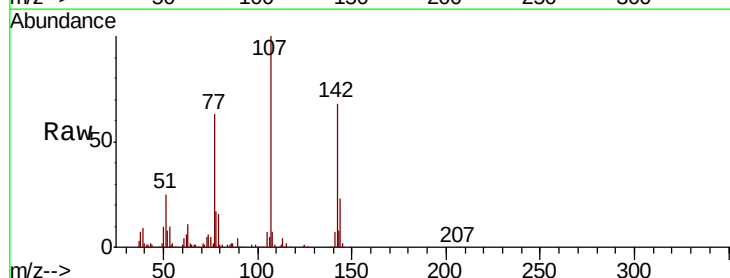
RT: 12.20 min Scan# 1551

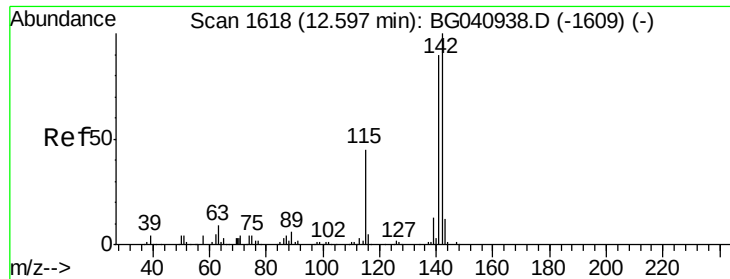
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	107	Resp:	153983
Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.4	29.0
142	68.3	57.3	85.9





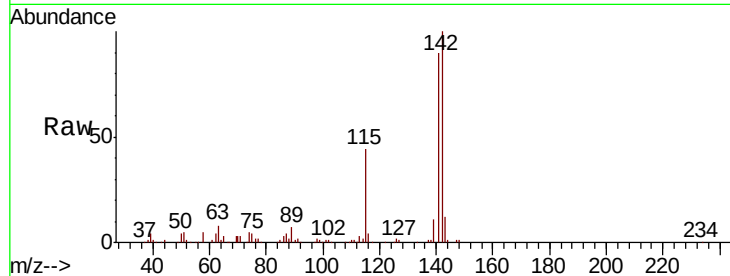
#37
2-Methylnaphthalene
Concen: 41.394 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.2	108.4
115	44.4	36.2	54.4

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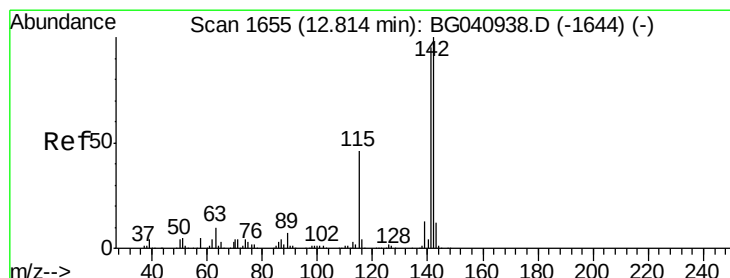
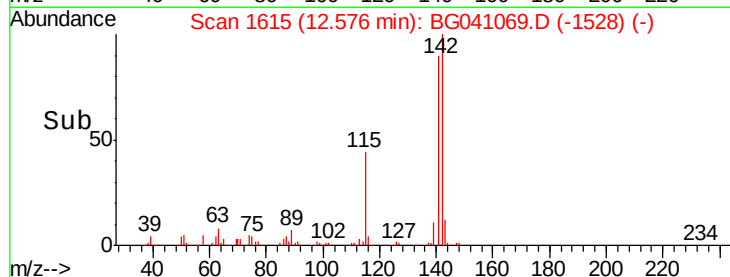
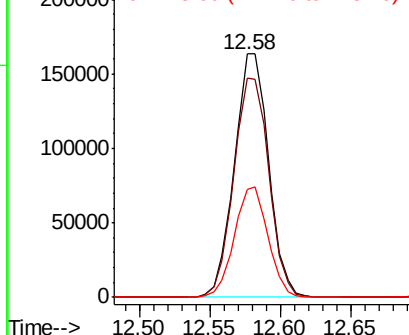


Abundance

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: 42.158 ng
RT: 12.80 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

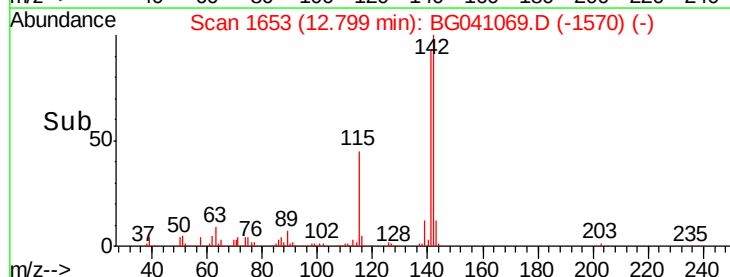
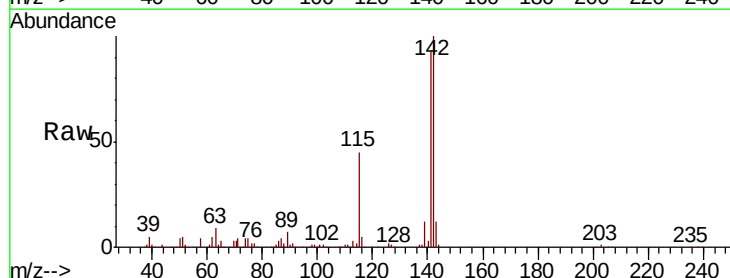
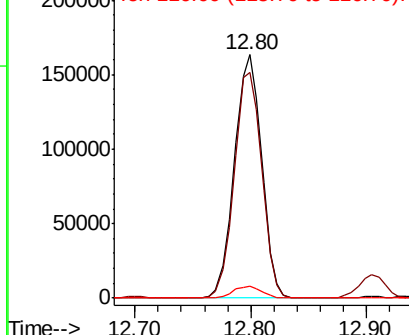
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.7	113.5
116	5.0	3.4	5.2

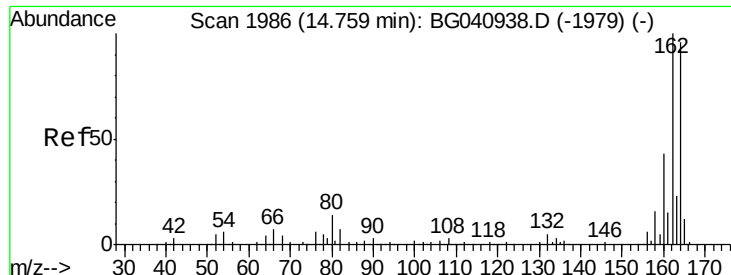
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

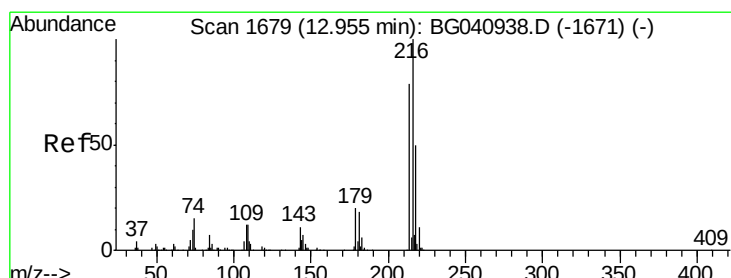
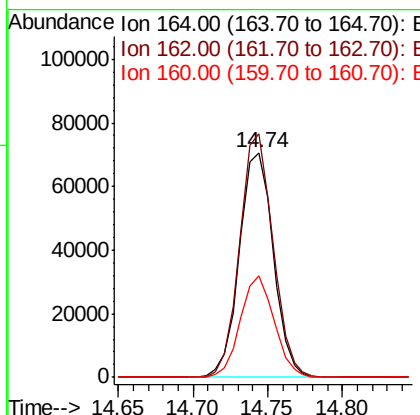
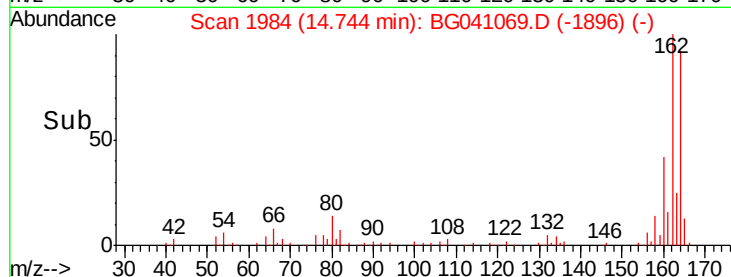
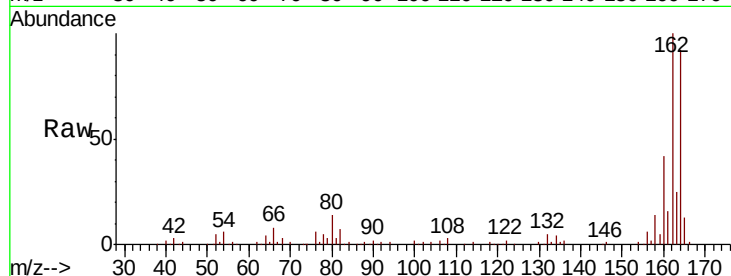
ClientSampleId :

PB120267BS

Tot Ion:	164	Resp:	111313
Ion Ratio	Lower	Upper	
164	100		
162	108.3	83.0	124.4
160	45.2	35.6	53.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.441 ng

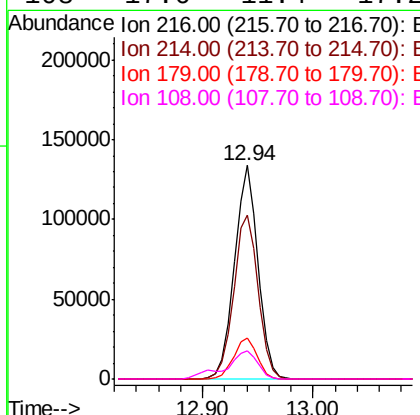
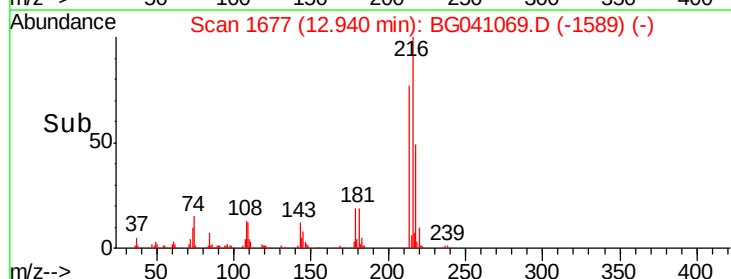
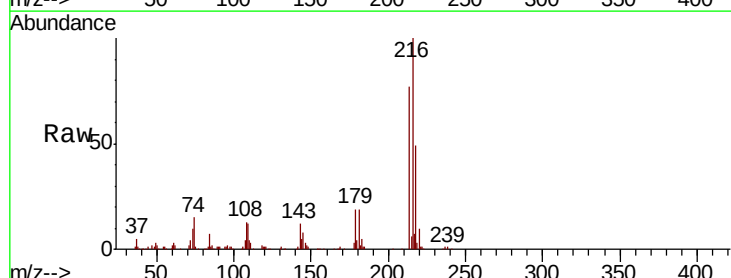
RT: 12.94 min Scan# 1677

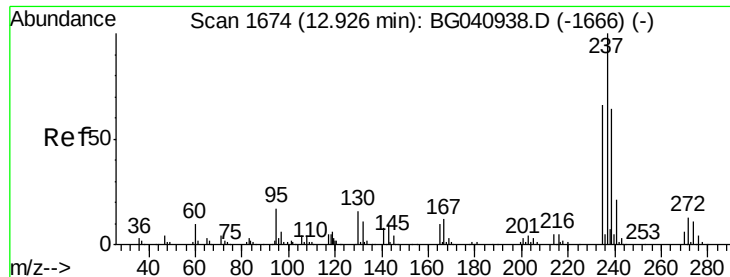
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	216	Resp:	199385
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.4	95.2
179	19.4	15.2	22.8
108	17.6	11.4	17.2#





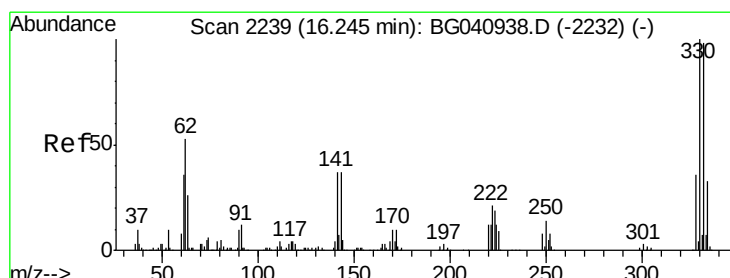
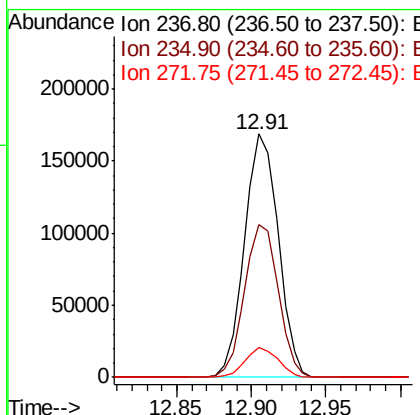
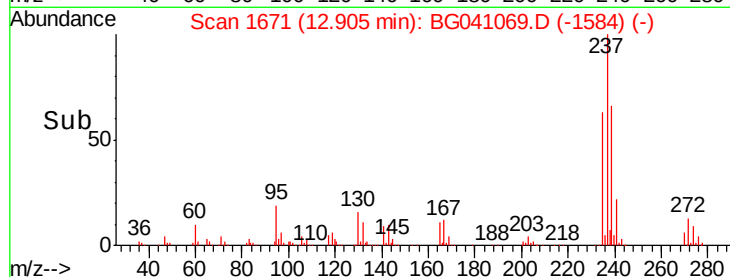
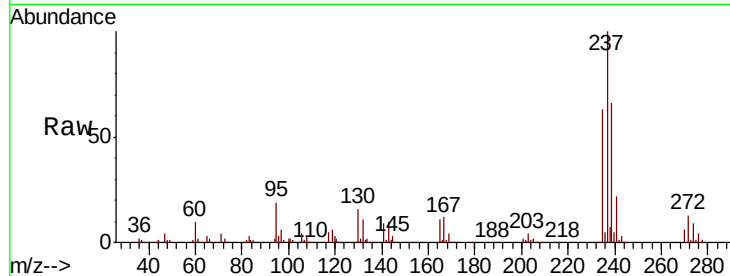
#41
Hexachlorocyclopentadiene
Concen: 106.558 ng
RT: 12.91 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	264338		
235	62.6	45.5	85.5	
272	12.5	0.0	32.9	

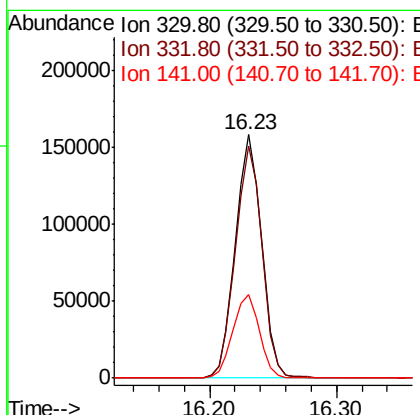
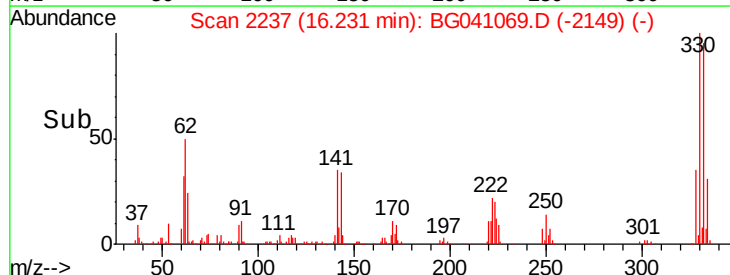
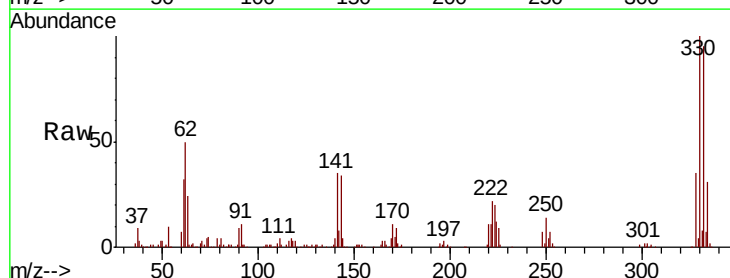
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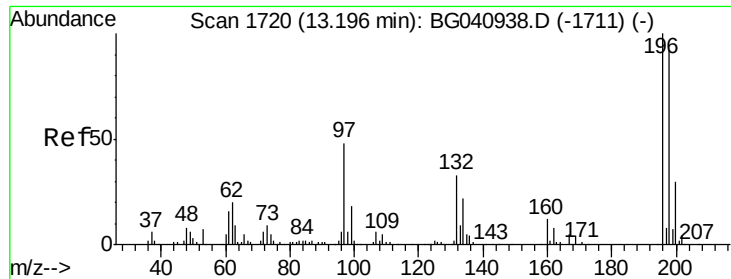
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#42
2,4,6-Tribromophenol
Concen: 137.304 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	226898		
332	96.3	78.5	117.7	
141	34.9	28.7	43.1	





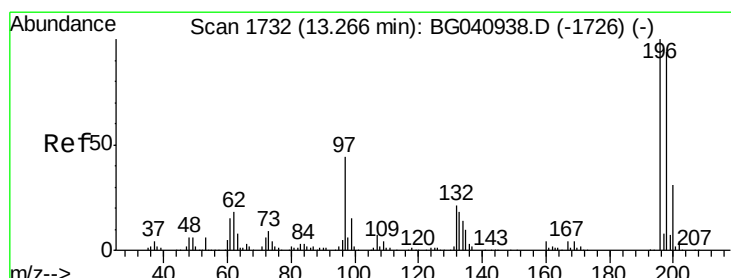
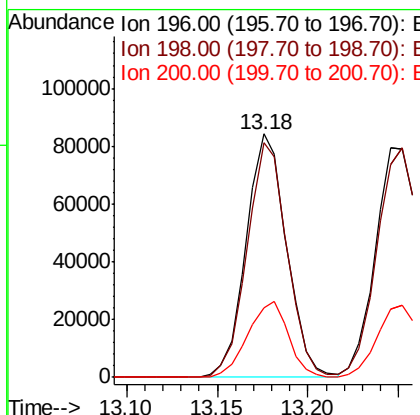
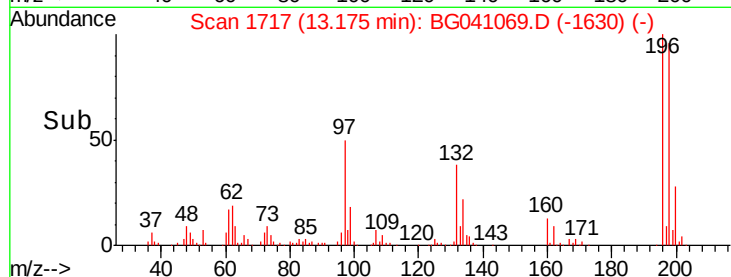
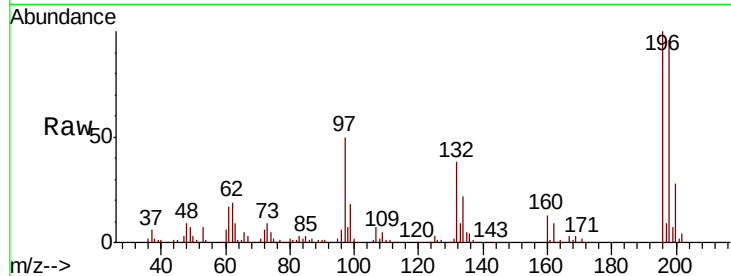
#43
 2,4,6-Trichlorophenol
 Concen: 44.955 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampled :
 PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130477		
198	96.3	73.8	110.6	
200	28.5	24.1	36.1	

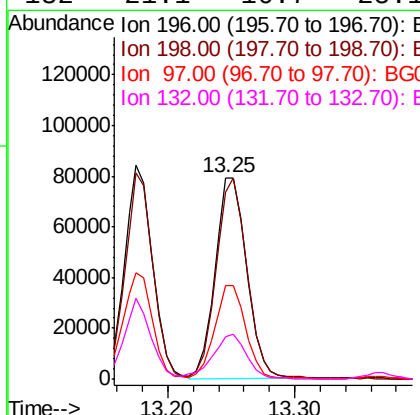
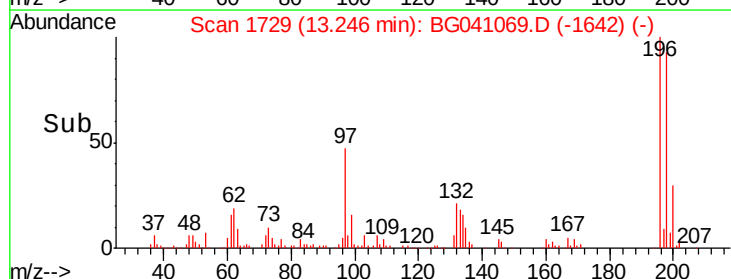
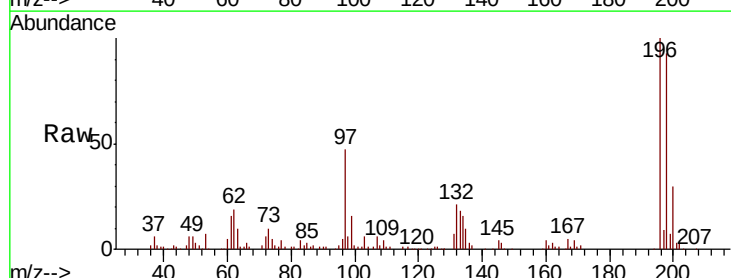
Manual Integrations
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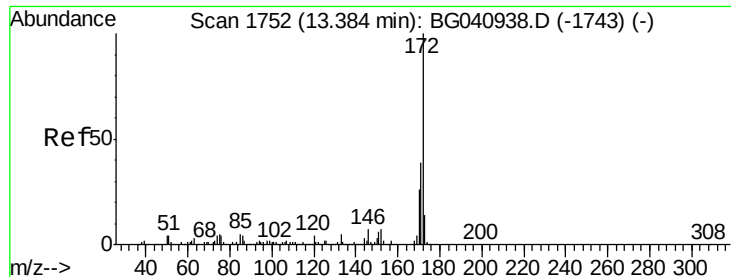
mohammad
 6/6/2019 3:42:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.012 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	137781		
198	92.5	75.1	112.7	
97	46.7	35.6	53.4	
132	21.1	16.7	25.1	





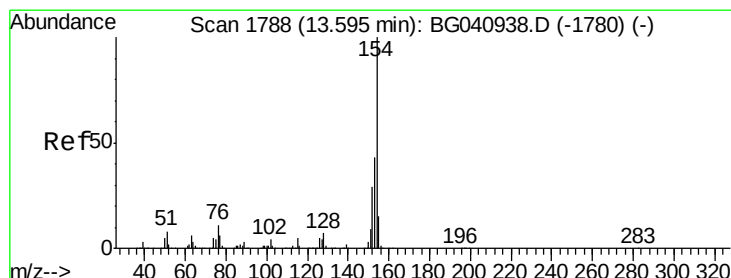
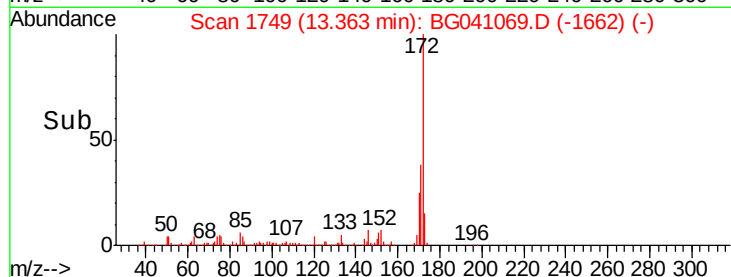
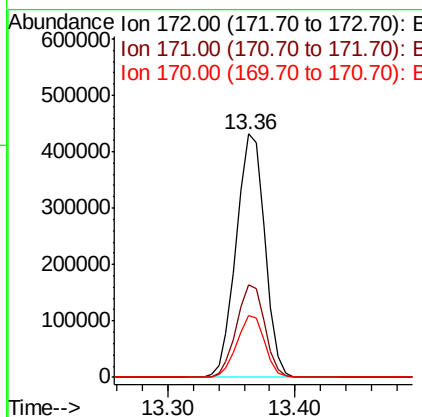
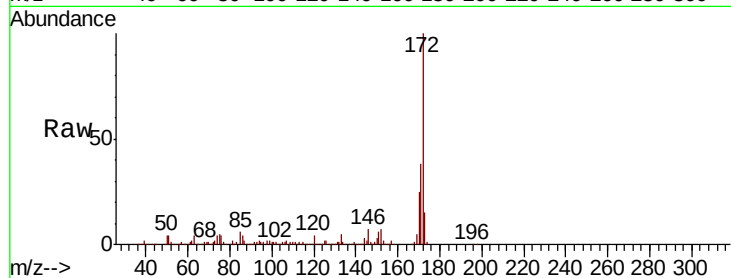
#45
2-Fluorobiphenyl
Concen: 86.986 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	672358		
171	38.0		31.1	46.7
170	25.4		20.5	30.7

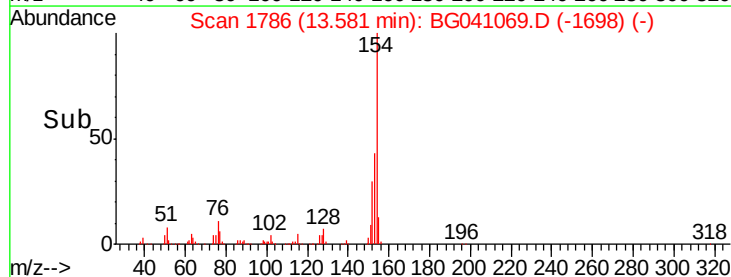
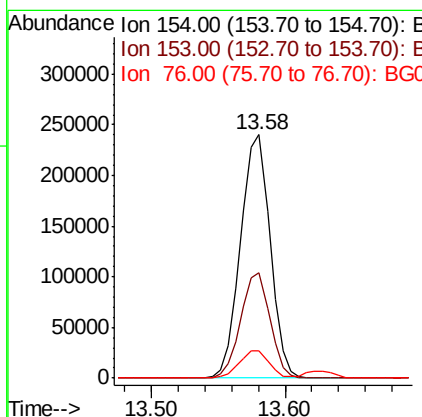
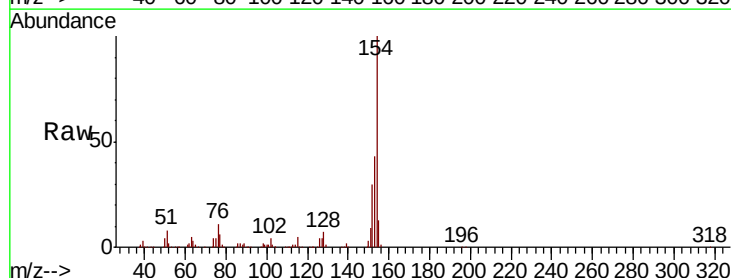
Manual Integrations
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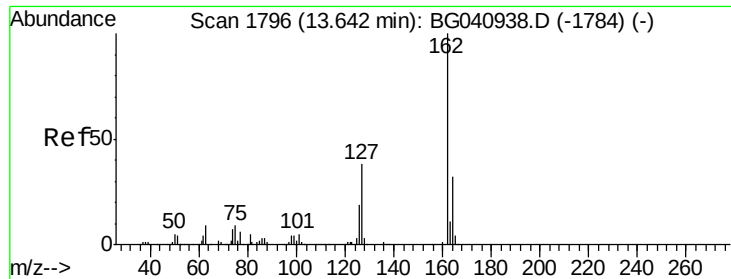
mohammad
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#46
1,1'-Biphenyl
Concen: 44.544 ng
RT: 13.58 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	367024		
153	43.4		23.3	63.3
76	11.1		0.0	31.1





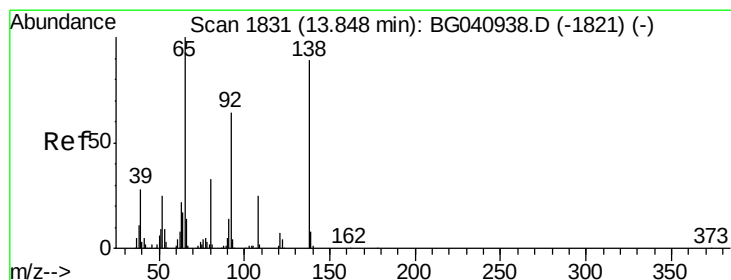
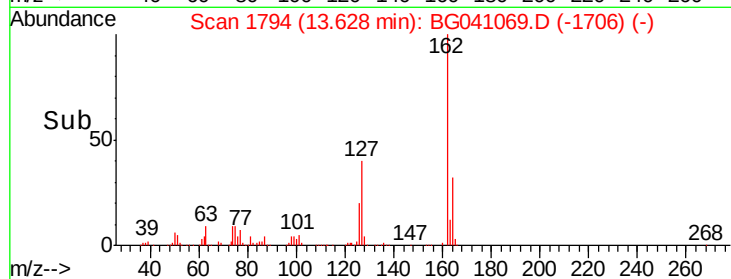
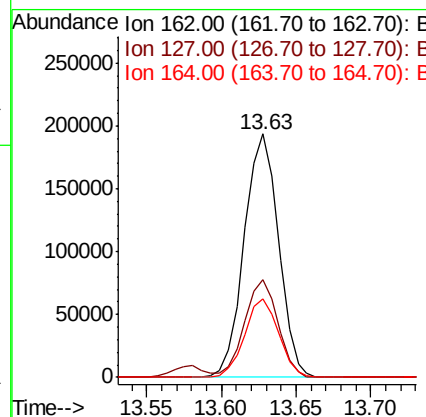
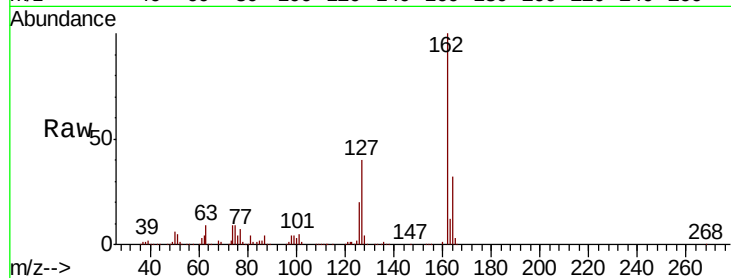
#47
2-Chloronaphthalene
Concen: 43.471 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampled :
PB120267BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.5	45.7
164	32.2	25.8	38.6

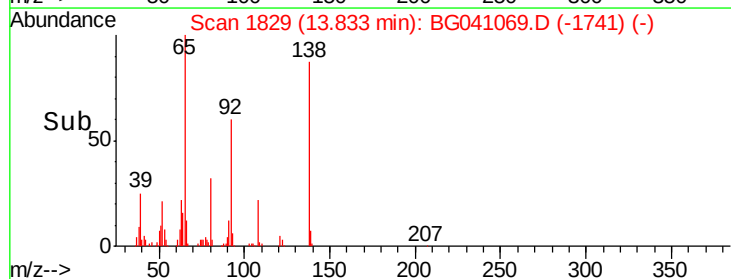
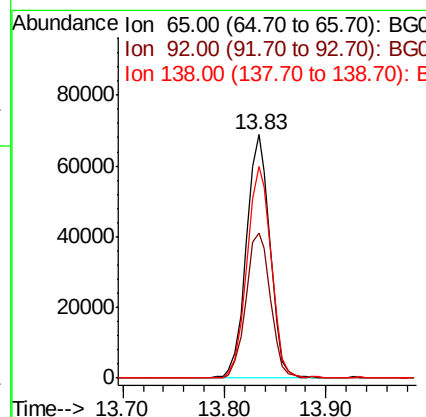
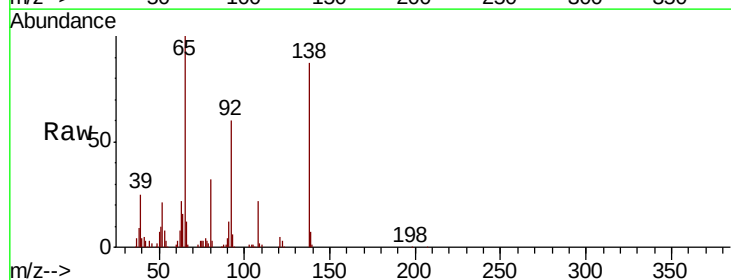
Manual Integrations
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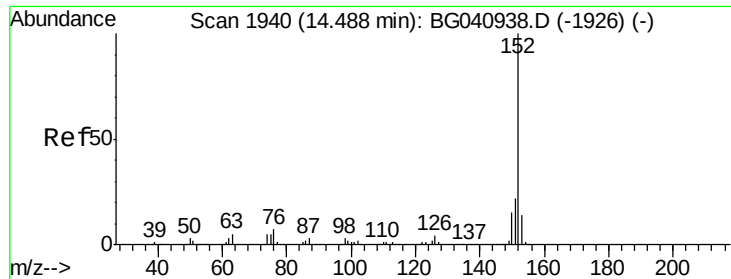
mohammad
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#48
2-Nitroaniline
Concen: 43.841 ng
RT: 13.83 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	51.0	76.6
138	86.8	71.2	106.8





#49

Acenaphthylene

Concen: 44.909 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

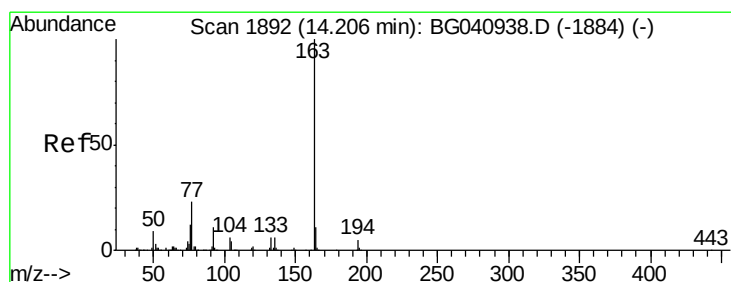
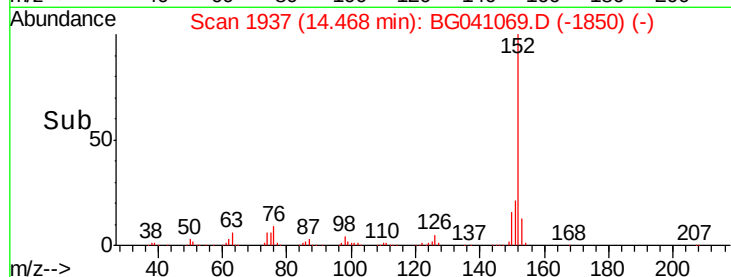
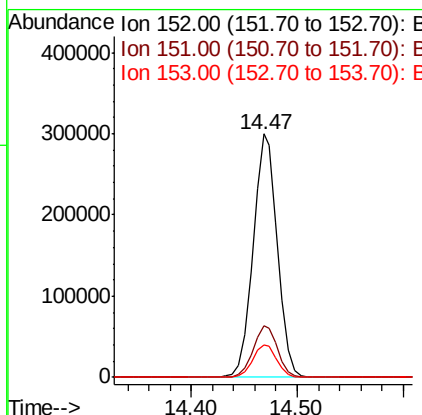
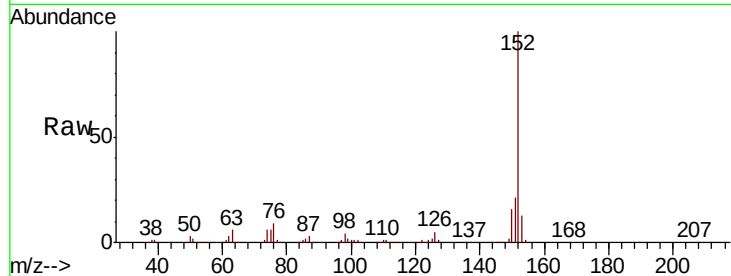
ClientSampleId :

PB120267BS

Tot Ion:	152	Resp:	478112
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.4	26.0
153	13.1	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.134 ng

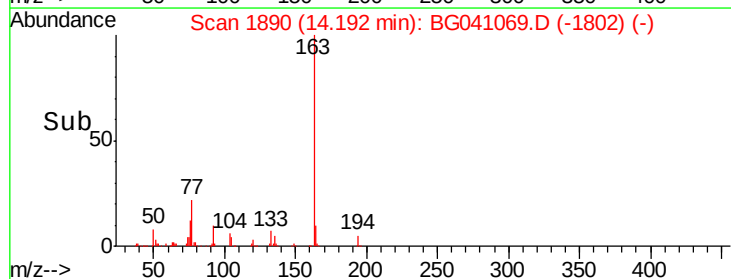
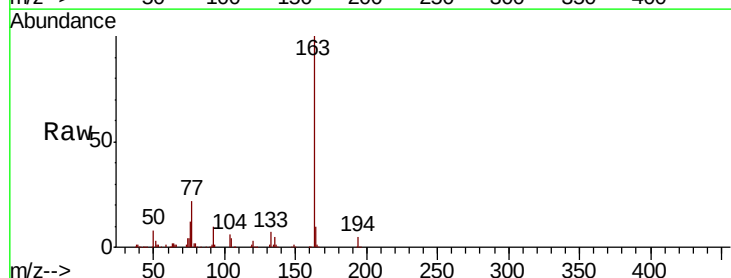
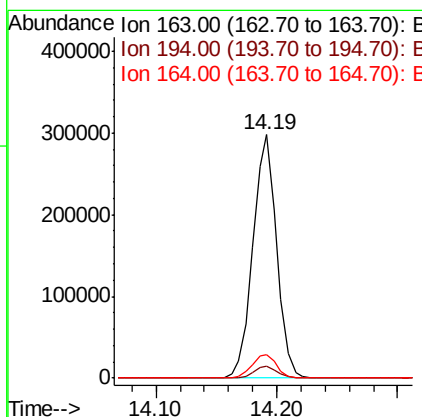
RT: 14.19 min Scan# 1890

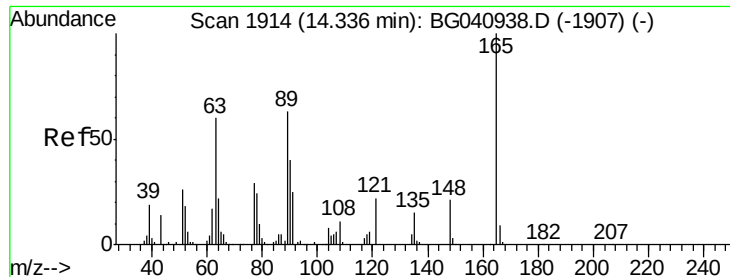
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	163	Resp:	406438
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	9.6	8.7	13.1





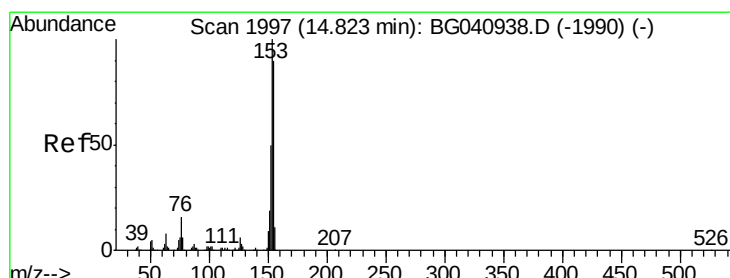
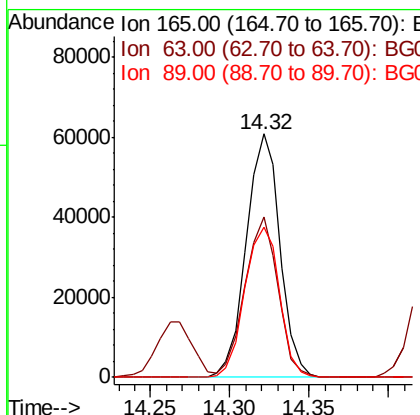
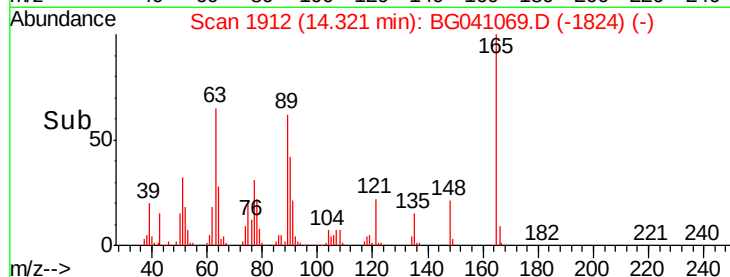
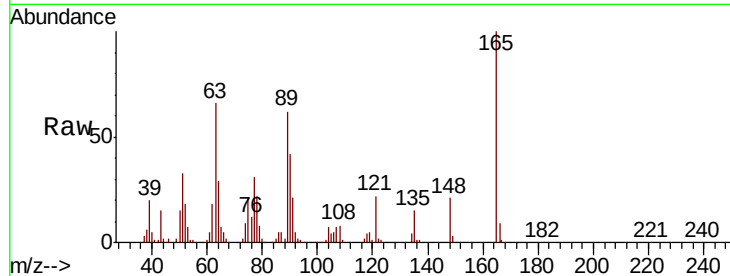
#51
2,6-Dinitrotoluene
Concen: 44.198 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.8	53.6	80.4
89	61.8	50.4	75.6

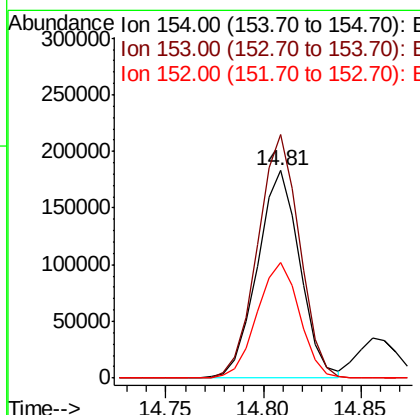
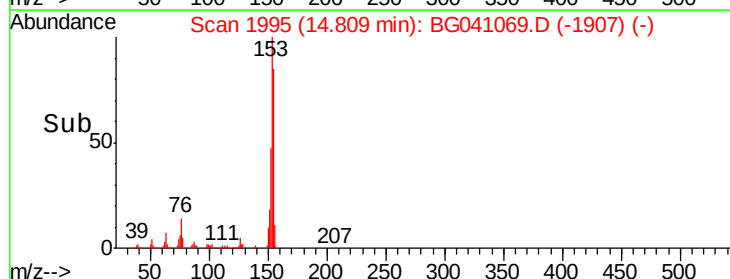
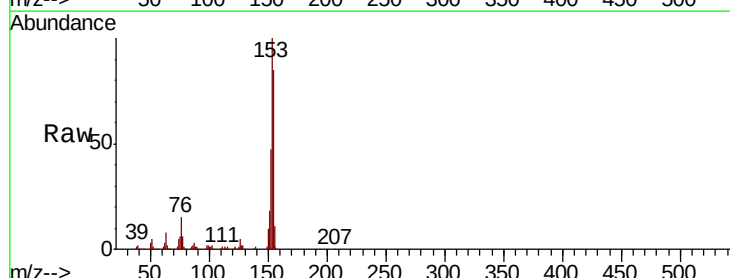
Manual Integrations
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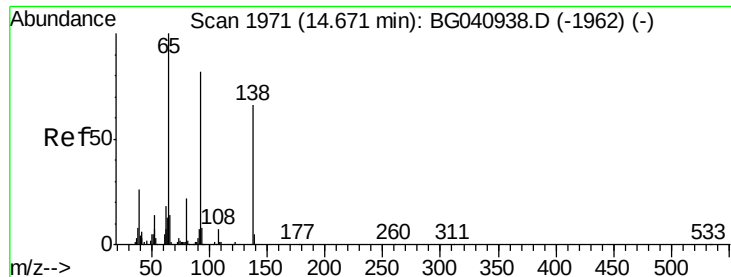
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#52
Acenaphthene
Concen: 42.731 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.4	88.6	133.0
152	55.7	44.2	66.4





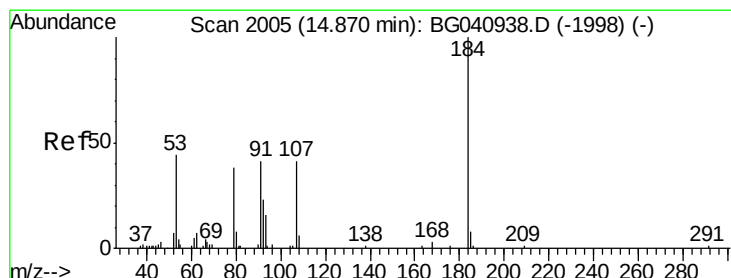
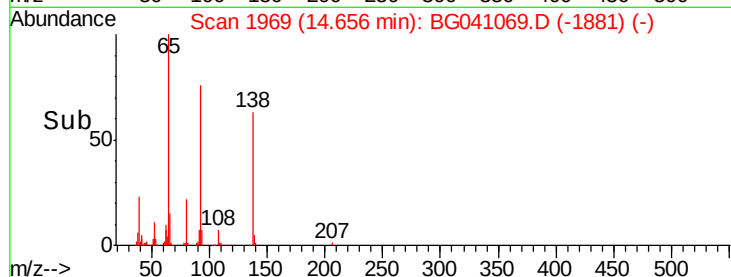
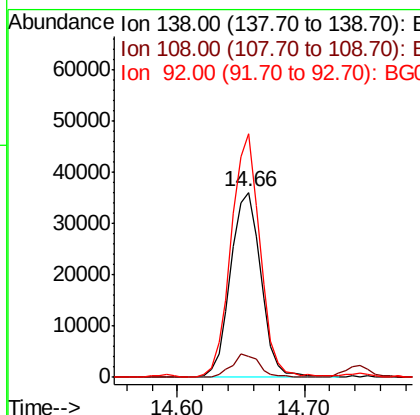
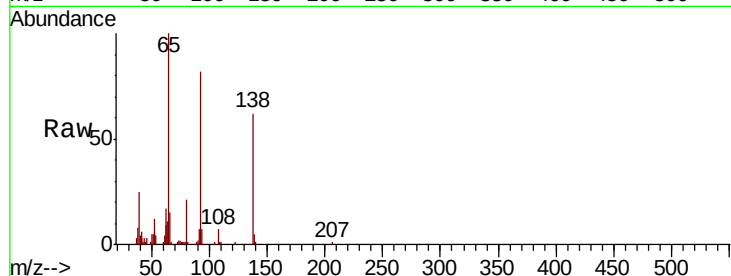
#53
3-Nitroaniline
Concen: 29.386 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.5	12.7
92	131.8	99.0	148.6

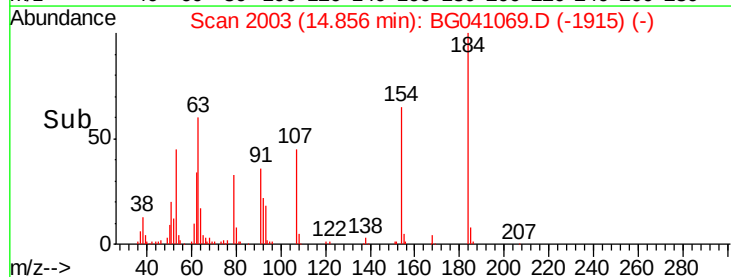
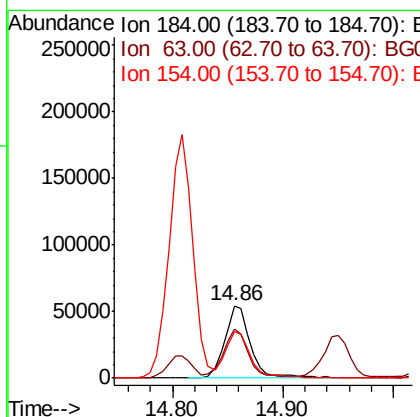
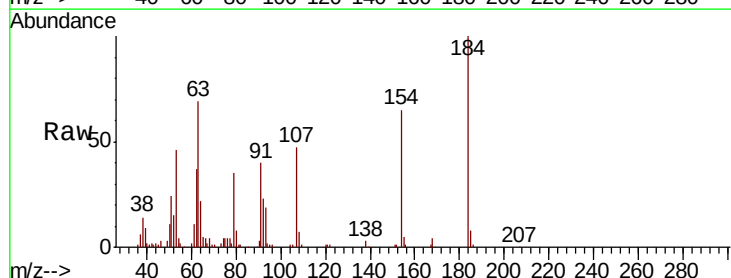
Manual Integrations
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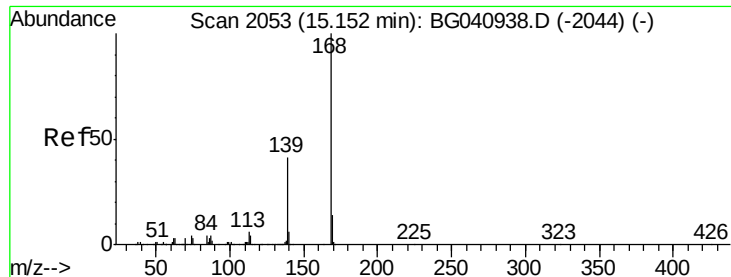
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#54
2,4-Dinitrophenol
Concen: 82.115 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.6	49.8	74.6
154	65.0	52.2	78.4





#55

Dibenzofuran

Concen: 44.474 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

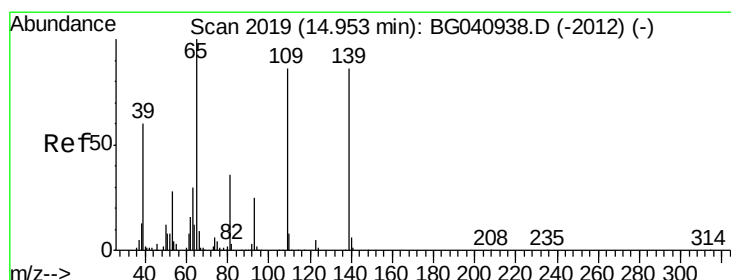
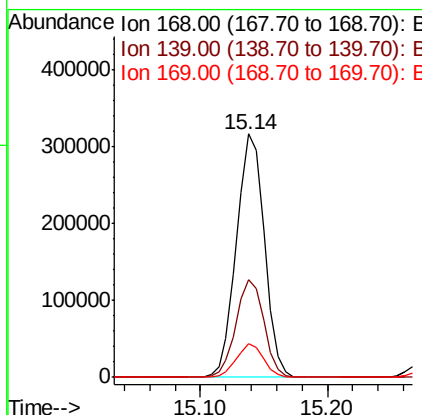
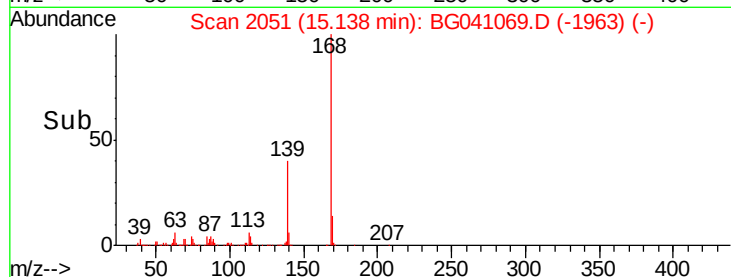
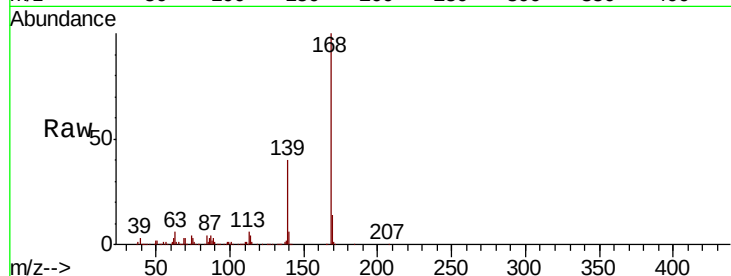
ClientSampleId :

PB120267BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		482637		
139	40.0	32.8	49.2		
169	13.8	11.3	16.9		

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#56

4-Nitrophenol

Concen: 99.937 ng

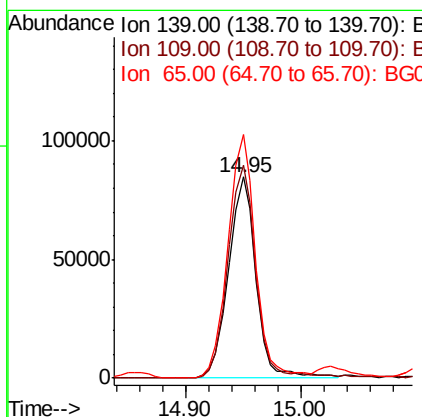
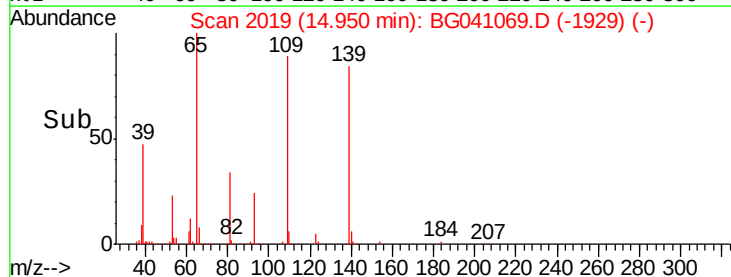
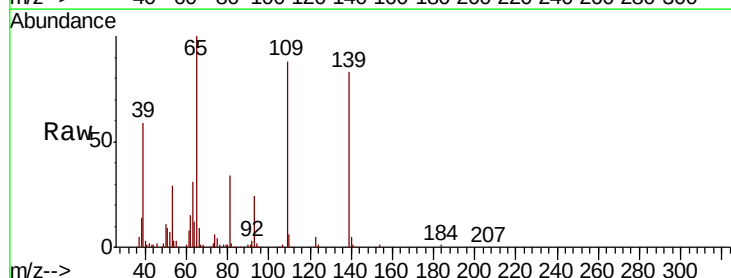
RT: 14.95 min Scan# 2019

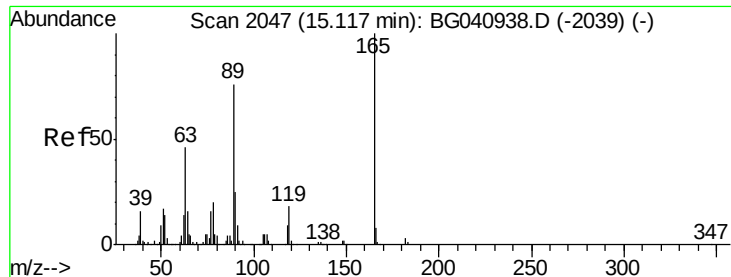
Delta R.T. -0.00 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100		139258		
109	106.1	79.6	119.6		
65	121.2	96.9	136.9		





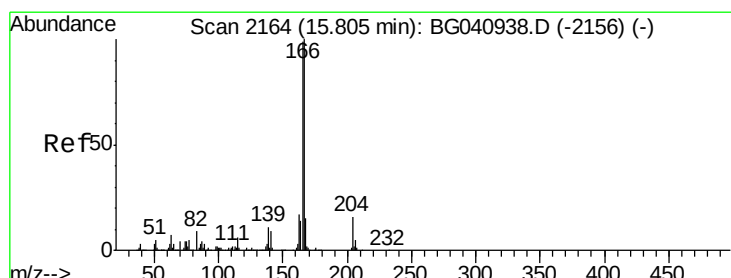
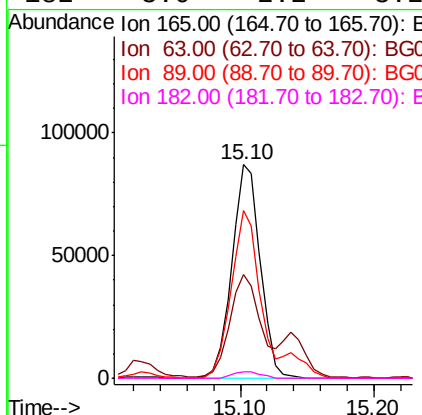
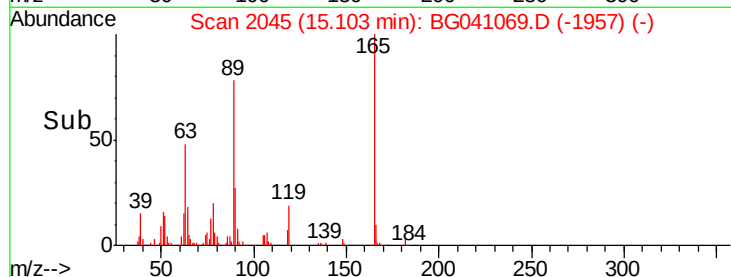
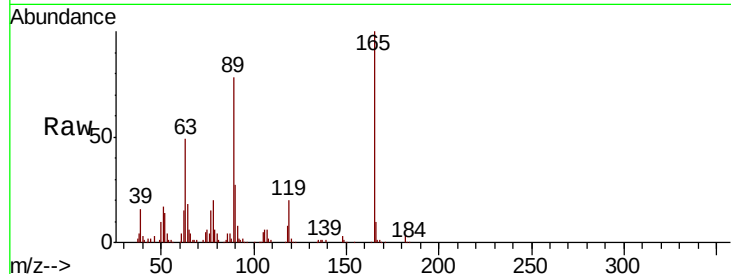
#57
2,4-Dinitrotoluene
Concen: 44.888 ng
RT: 15.10 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		128821		
63	48.6	37.3	55.9		
89	78.2	61.0	91.6		
182	3.0	2.2	3.2		

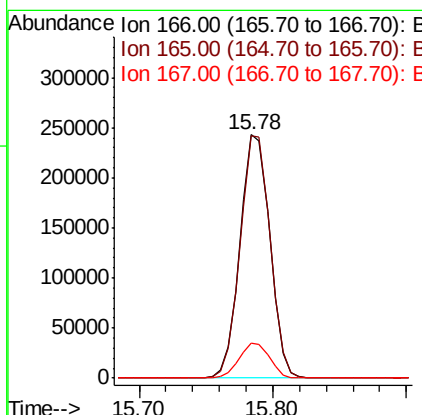
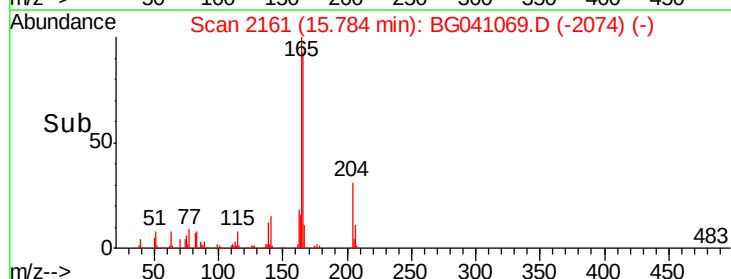
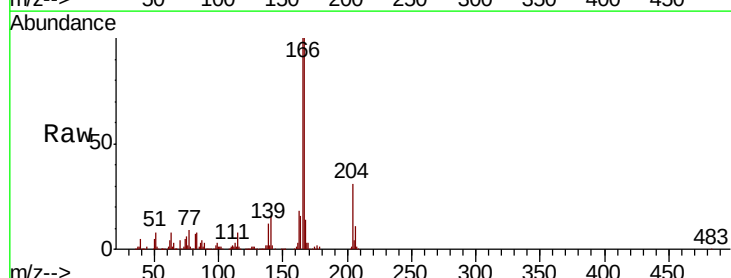
Manual Integrations
APPROVED

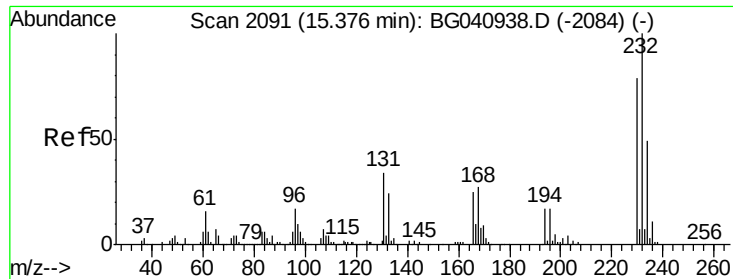
mohammad
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#58
Fluorene
Concen: 43.436 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		375395		
165	99.8	79.2	118.8		
167	14.3	11.8	17.6		





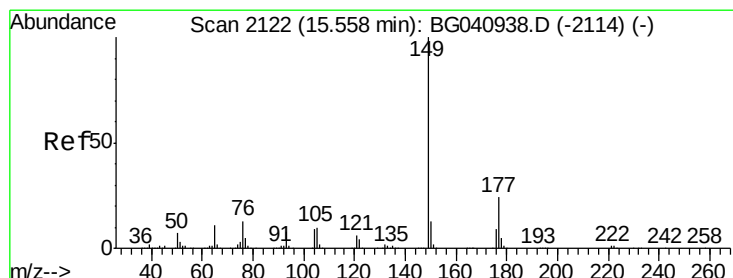
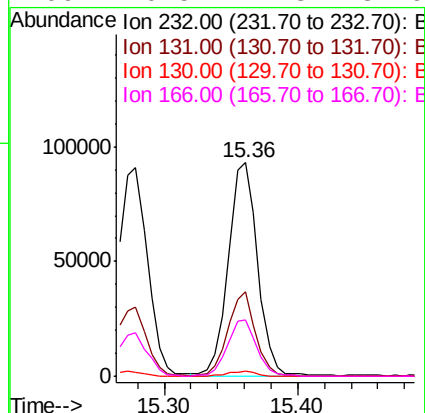
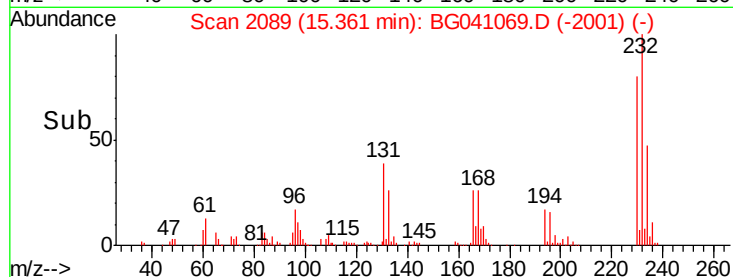
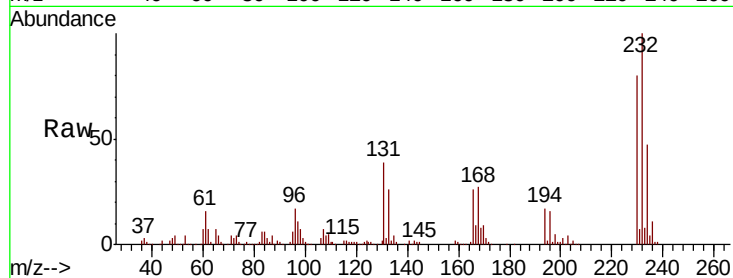
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.509 ng
 RT: 15.36 min Scan# 2089
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		142913		
131	37.2	30.3	45.5		
130	2.5	1.8	2.8		
166	26.5	21.3	31.9		

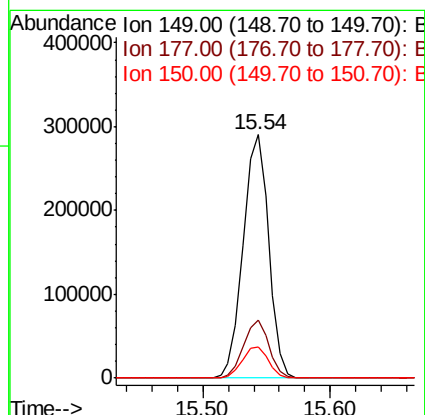
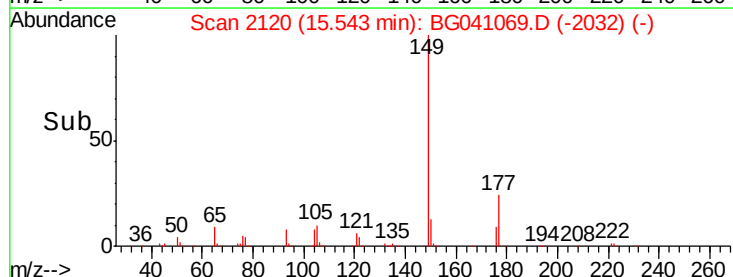
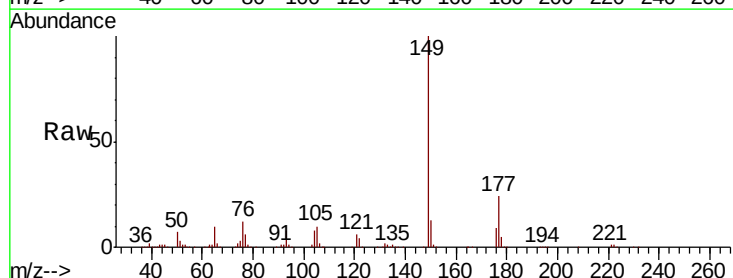
Manual Integrations
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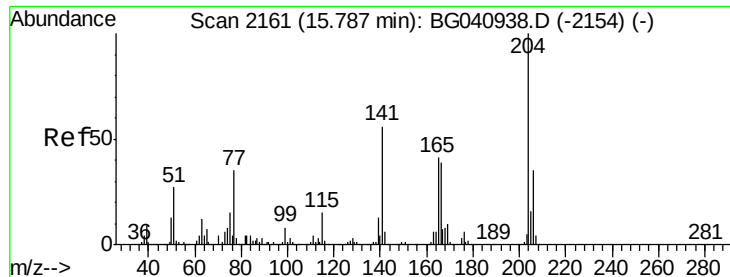
mohammad
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#60
 Diethylphthalate
 Concen: 42.015 ng
 RT: 15.54 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		404020		
177	23.8	19.4	29.0		
150	12.9	10.3	15.5		





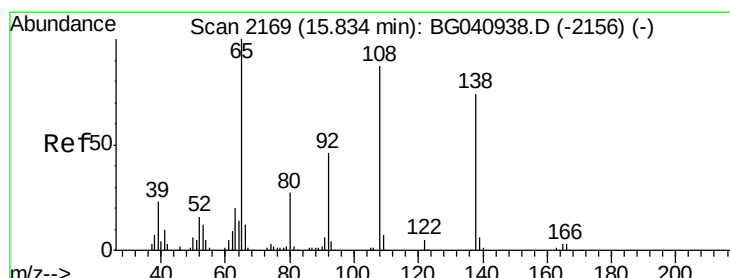
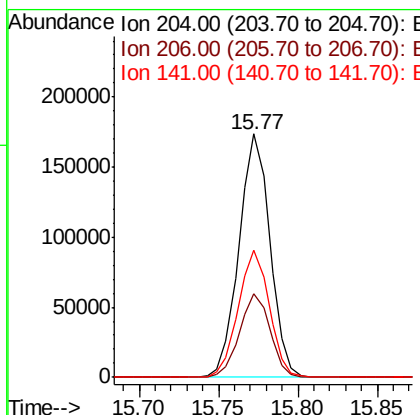
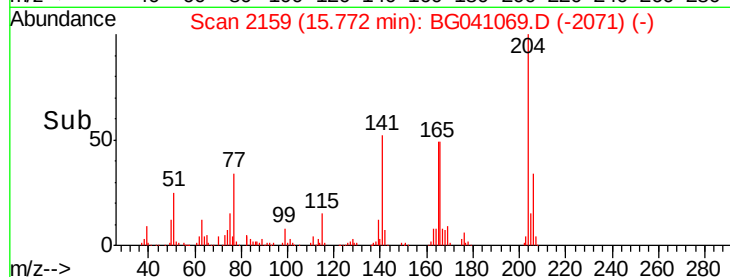
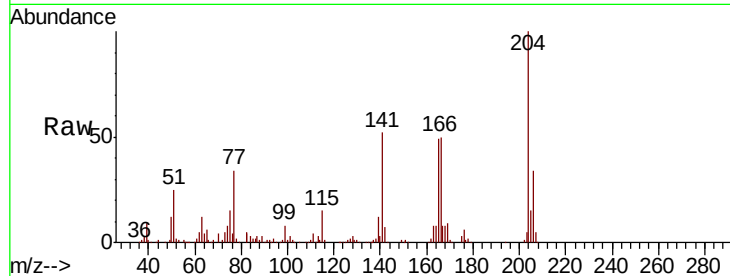
#61
 4-Chlorophenyl-phenylether
 Concen: 41.828 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	234965		
206	34.2		27.6	41.4
141	52.1		45.1	67.7

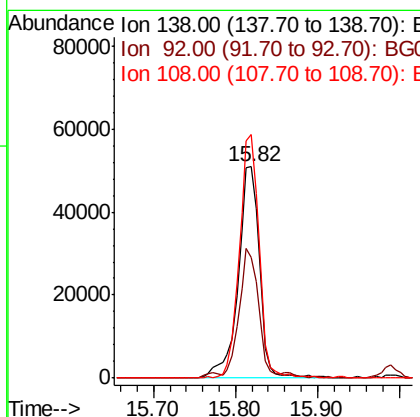
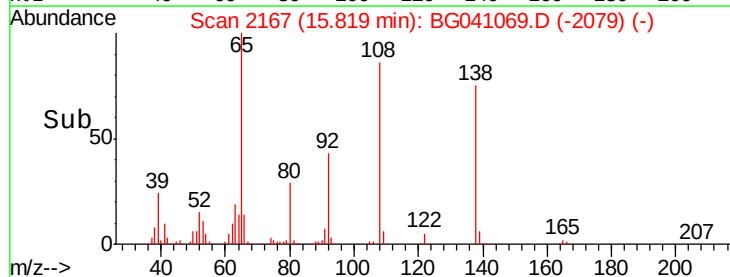
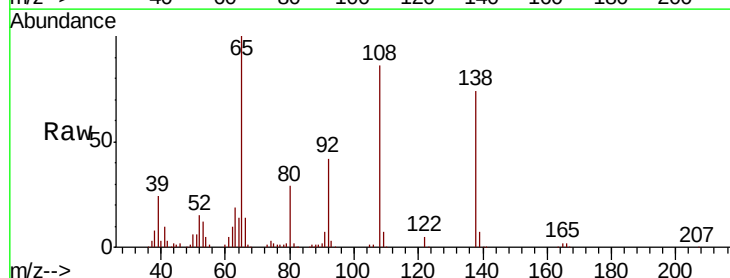
Manual Integrations
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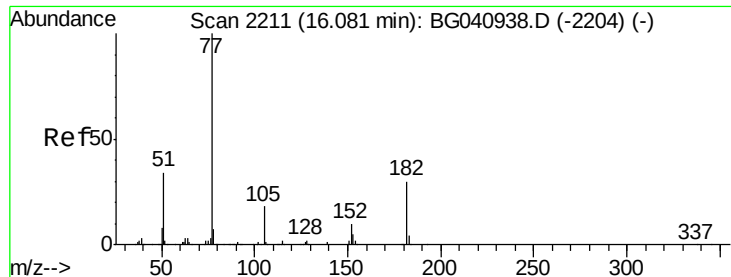
mohammad
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#62
 4-Nitroaniline
 Concen: 43.034 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	92555		
92	57.1		42.4	82.4
108	115.4		96.9	136.9





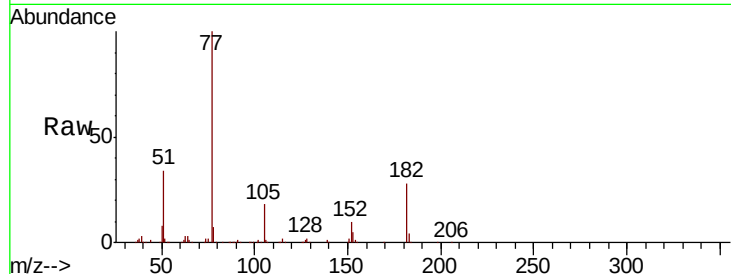
#63
Azobenzene
Concen: 43.637 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

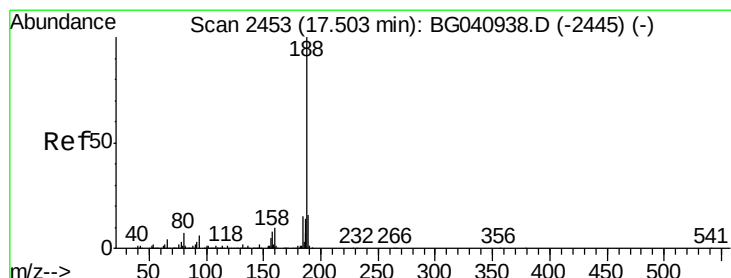
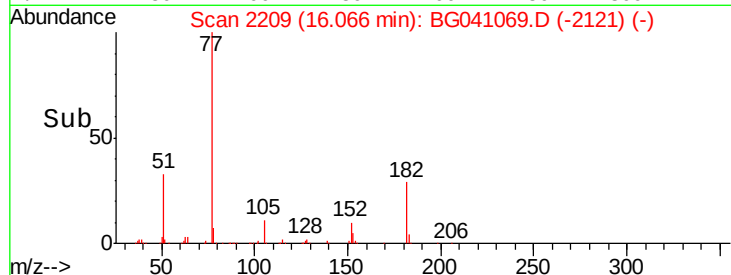
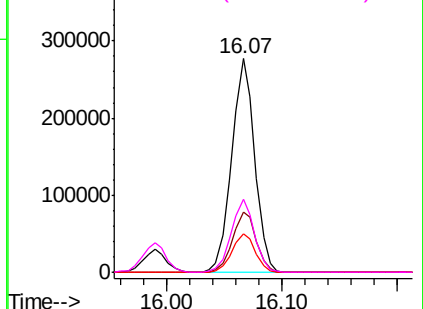
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.0		9.6	49.6	
105	18.1		0.0	37.5	
51	33.9		13.7	53.7	

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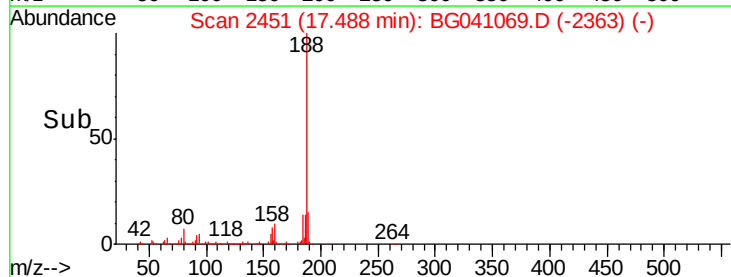
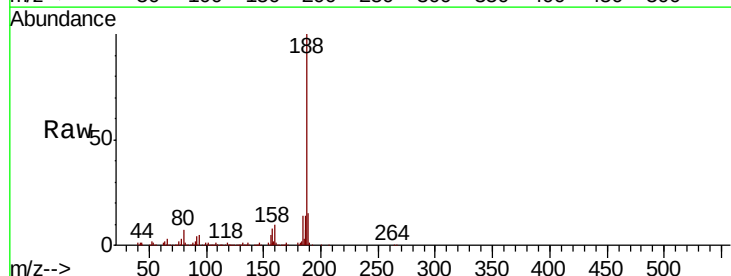
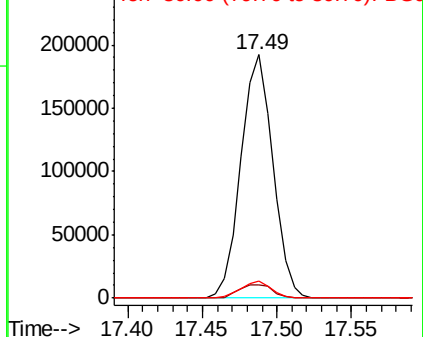
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

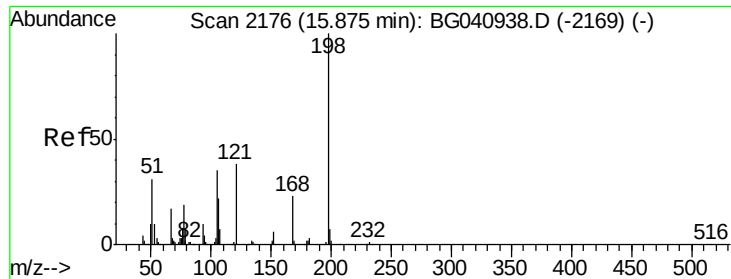


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.3		4.7	7.1	
80	7.2		5.8	8.8	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 47.791 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

Tot Ion:198 Resp: 72966

Ion Ratio Lower Upper

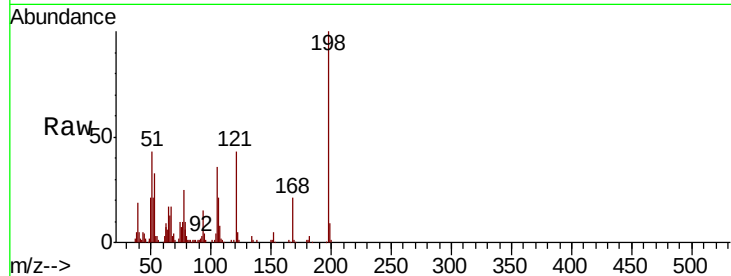
198 100

51 43.3 21.6 61.6

105 36.0 17.5 57.5

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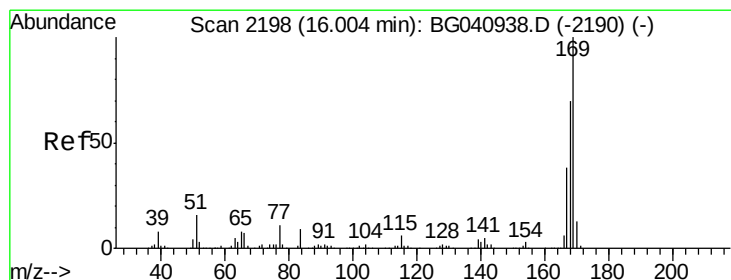
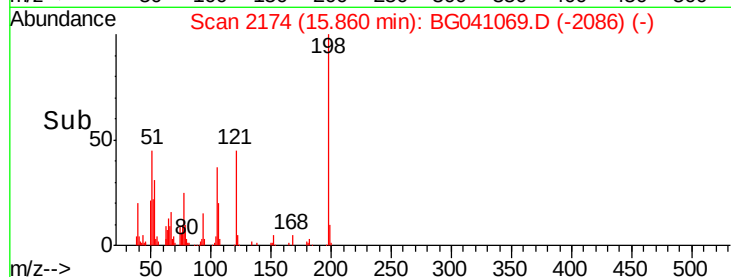
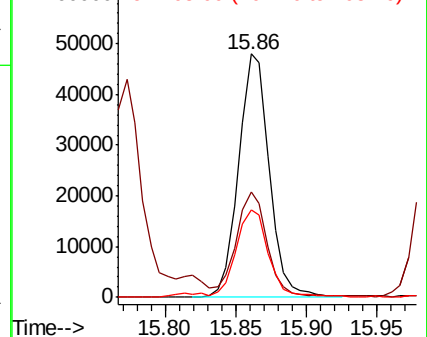
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.376 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

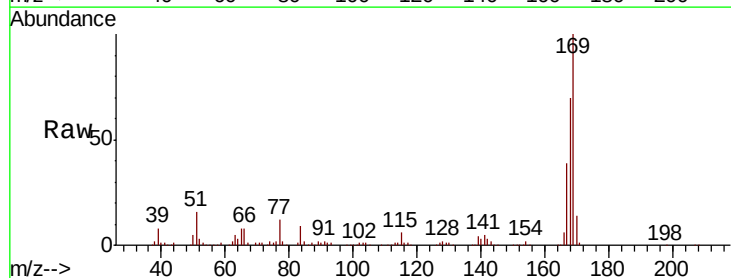
Tgt Ion:169 Resp: 347753

Ion Ratio Lower Upper

169 100

168 70.2 55.7 83.5

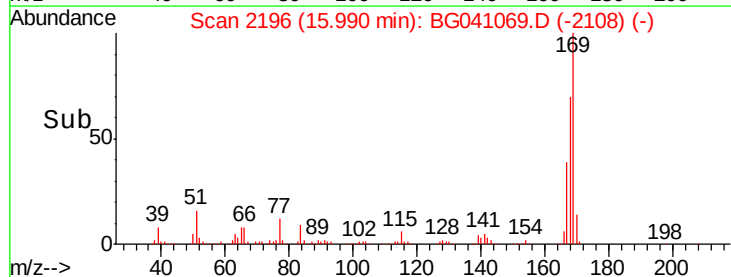
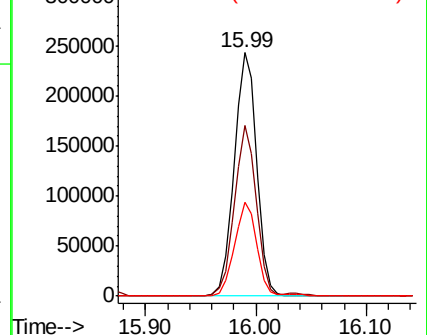
167 38.7 30.2 45.2

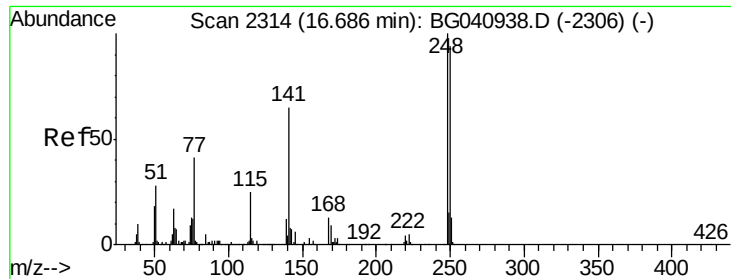


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





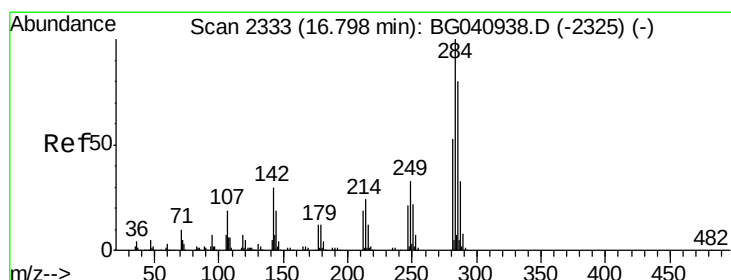
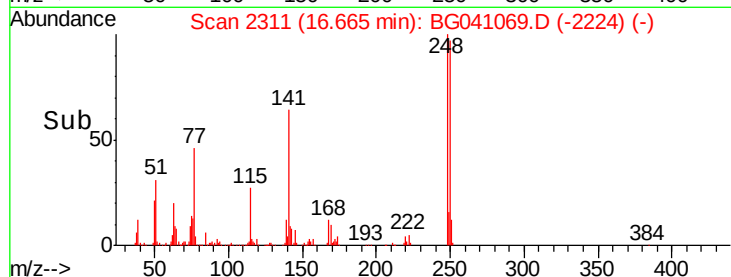
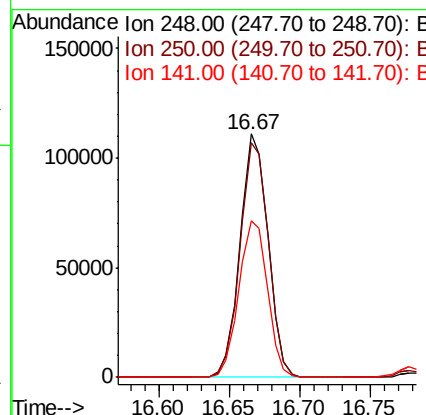
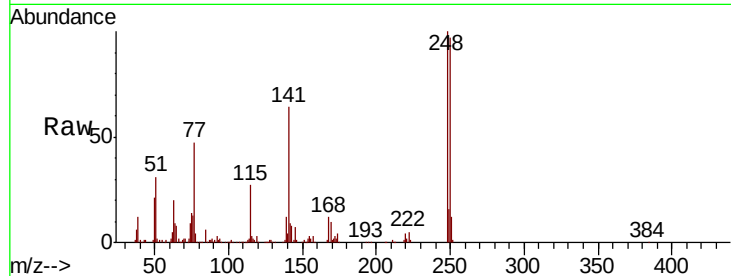
#67
4-Bromophenyl-phenylether
Concen: 39.782 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampled :
PB120267BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.0	112.4
141	64.2	52.4	78.6

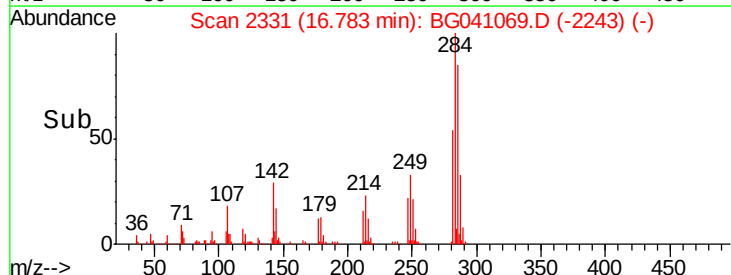
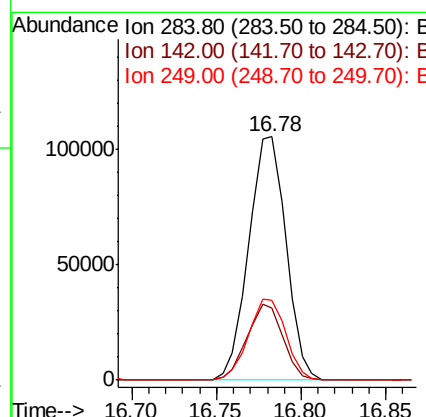
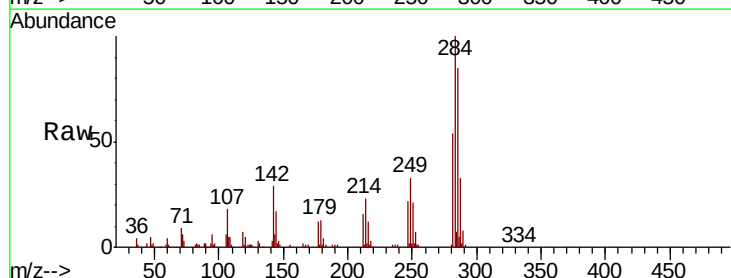
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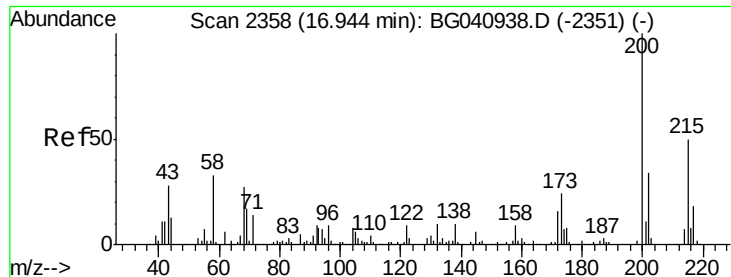
mohammad
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#68
Hexachlorobenzene
Concen: 39.653 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	23.9	35.9
249	32.8	26.8	40.2





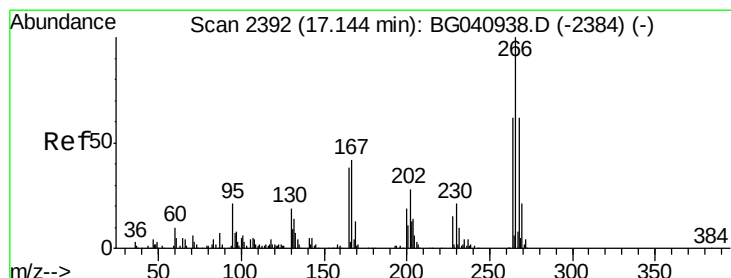
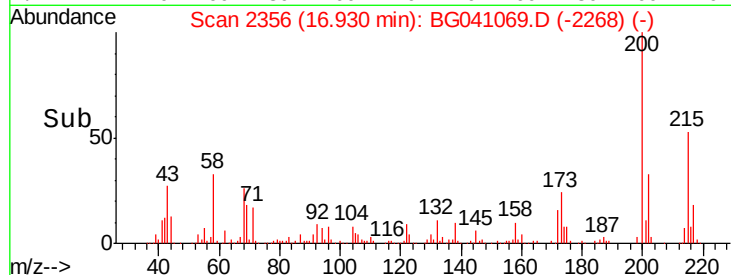
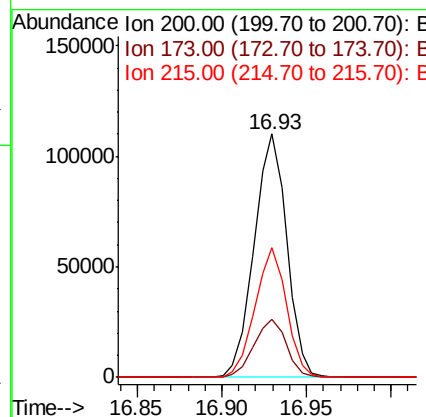
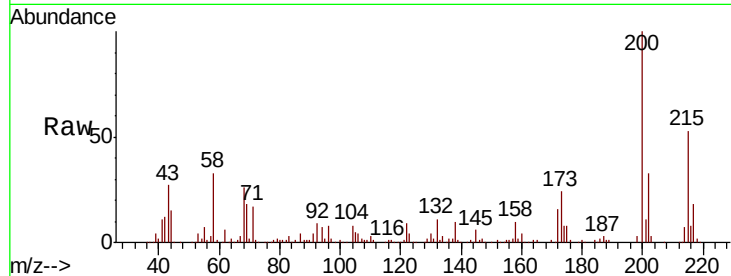
#69
Atrazine
Concen: 47.976 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	3.6	43.6
215	53.4	29.6	69.6

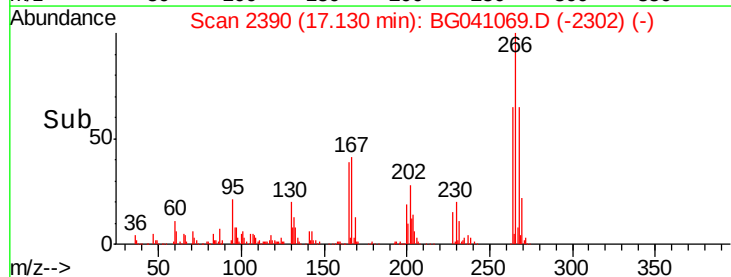
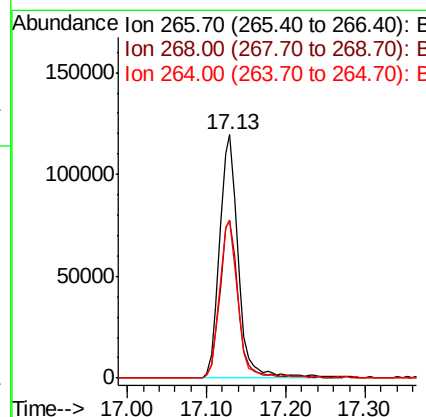
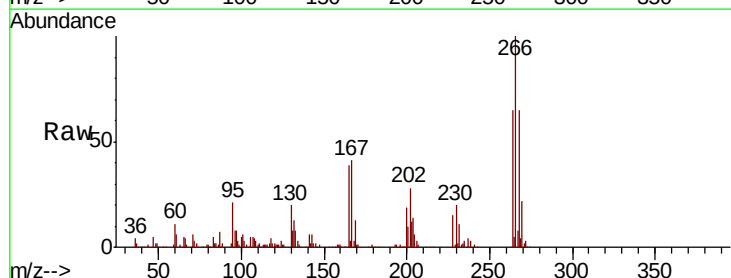
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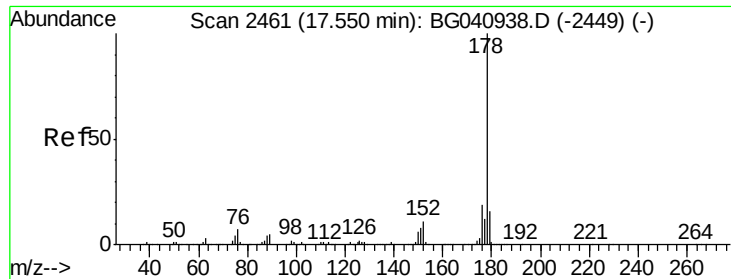
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#70
Pentachlorophenol
Concen: 88.590 ng
RT: 17.13 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	53.1	79.7
264	64.8	49.9	74.9





#71

Phenanthrene

Concen: 43.949 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

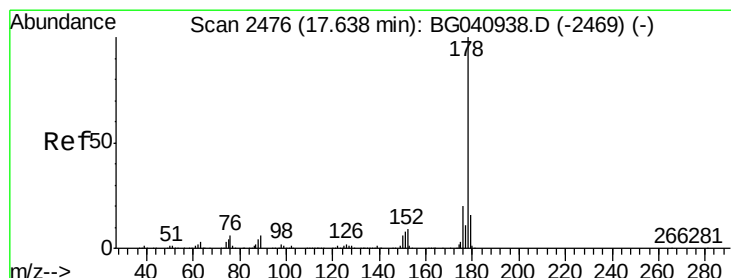
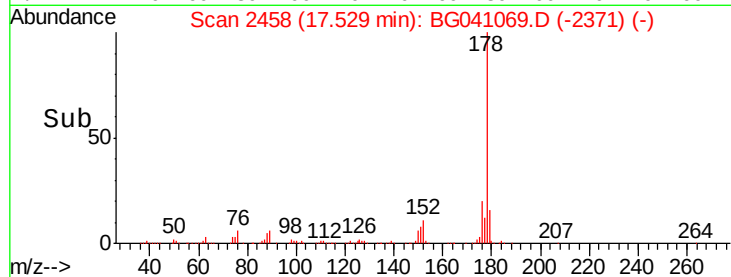
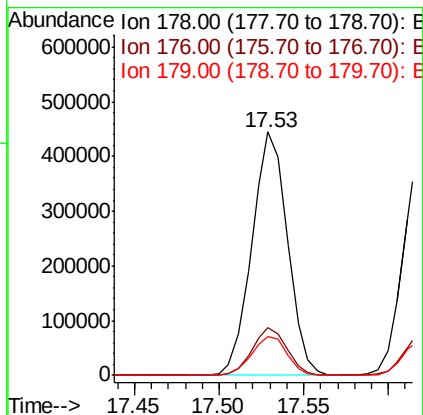
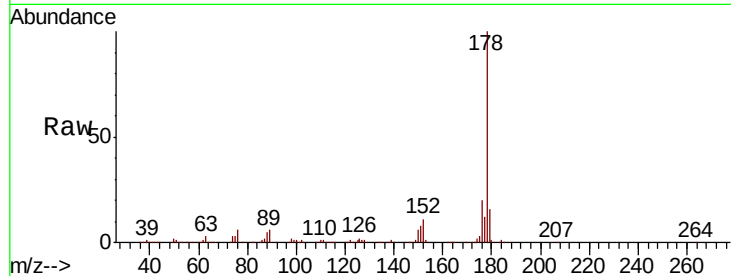
ClientSampleId :

PB120267BS

Tot Ion:178	Resp:	652874
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.5 23.3
179	15.9	12.7 19.1

Manual Integrations
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#72

Anthracene

Concen: 46.418 ng

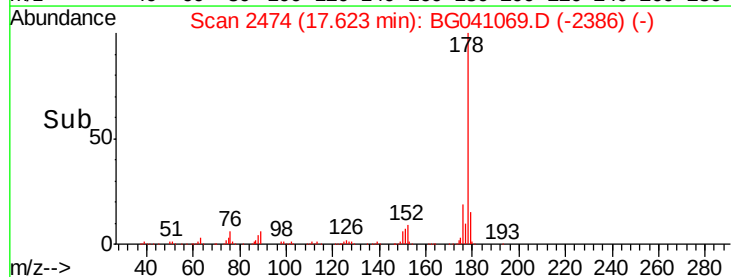
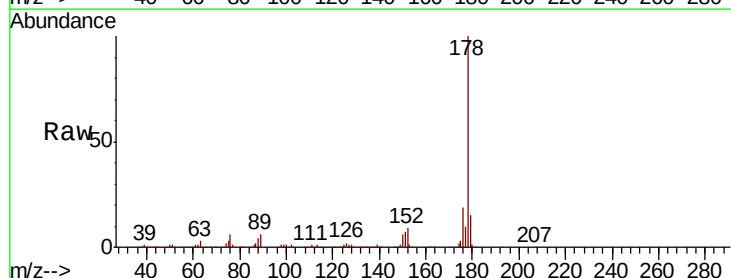
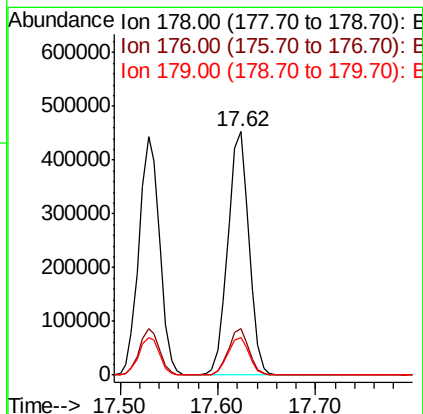
RT: 17.62 min Scan# 2474

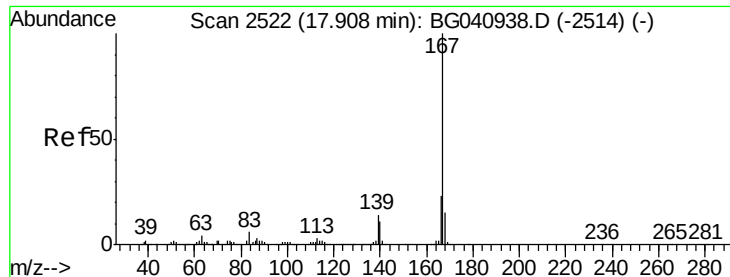
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:178	Resp:	680087
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.6 23.4
179	15.2	13.0 19.4





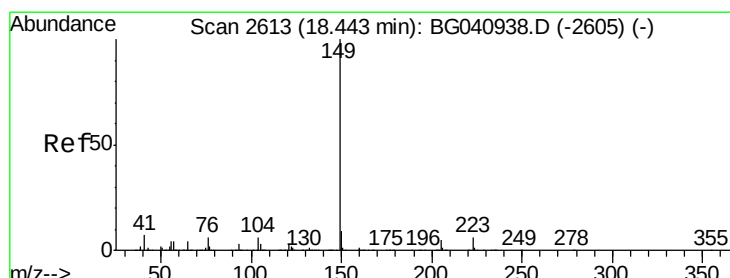
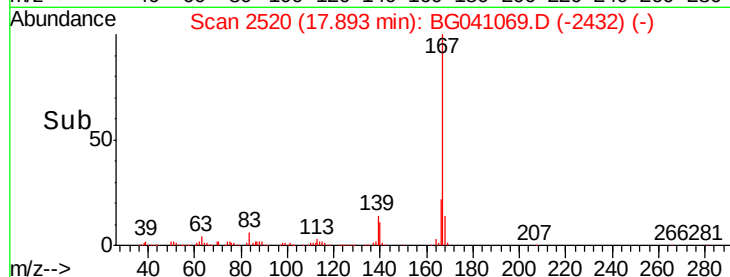
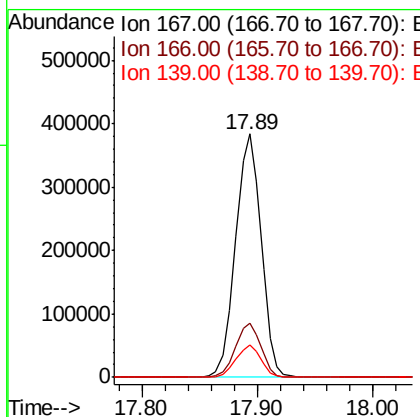
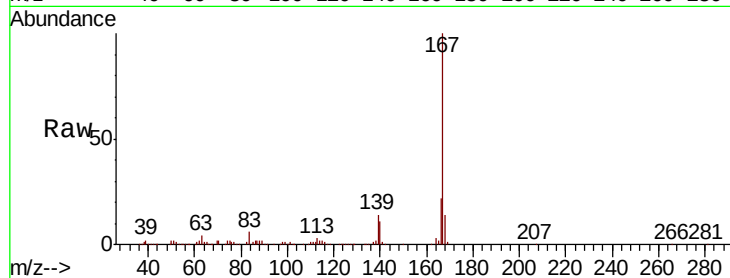
#73
 Carbazole
 Concen: 46.874 ng
 RT: 17.89 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.6	10.8	16.2

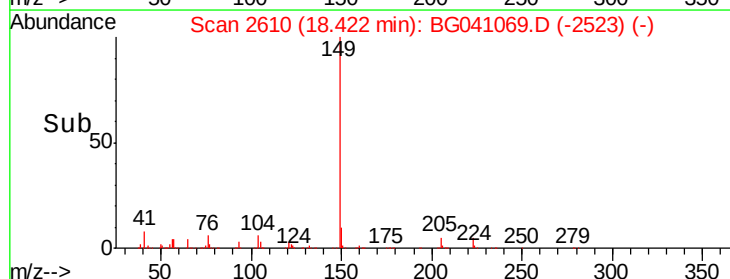
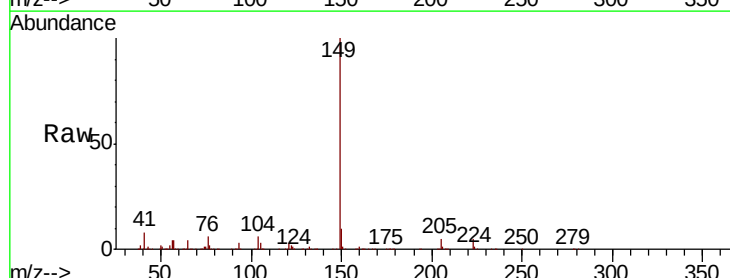
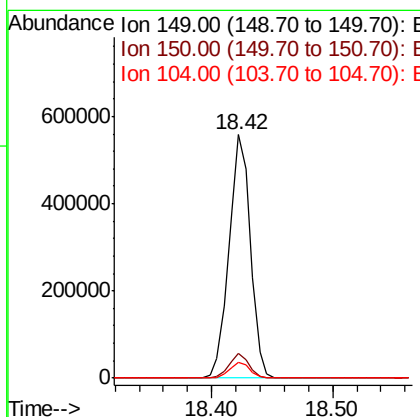
Manual Integrations
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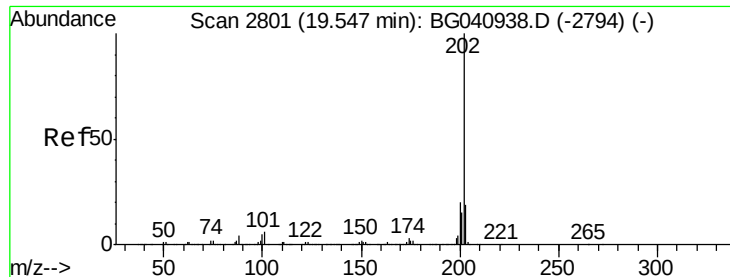
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.974 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BG041069.D
 Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.4	11.2
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 47.356 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

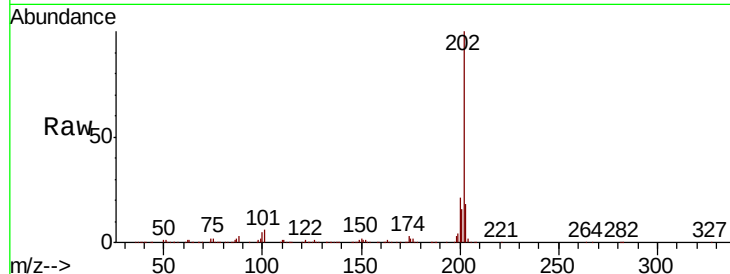
ClientSampleId :

PB120267BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.8	0.0	26.2
203	18.3	0.0	38.7

Manual Integrations
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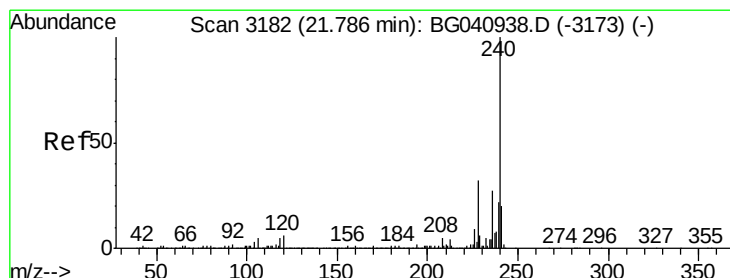
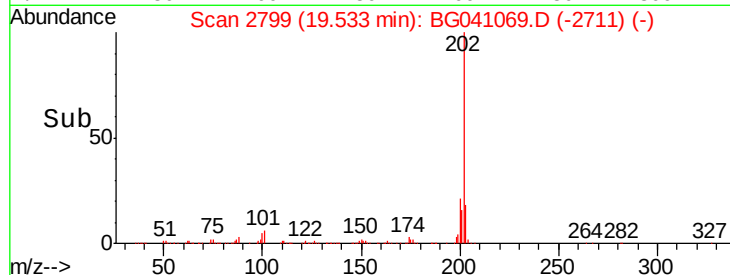
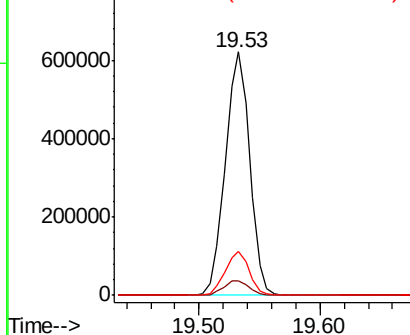


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

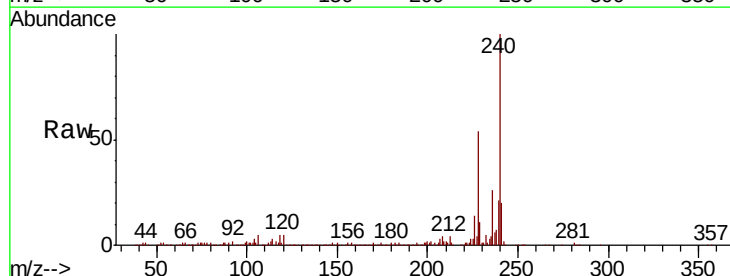
RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.2	4.5	6.7
236	26.0	21.3	31.9

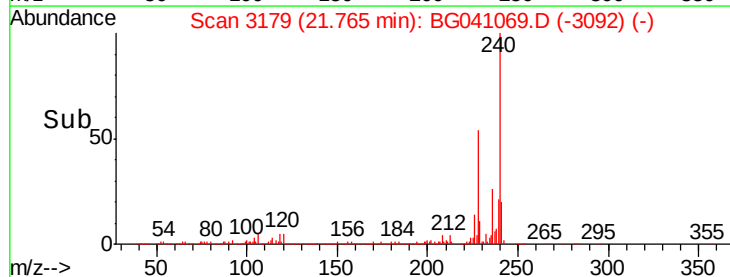
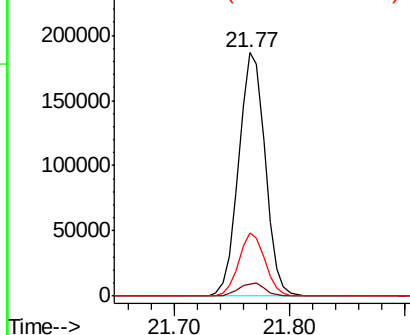


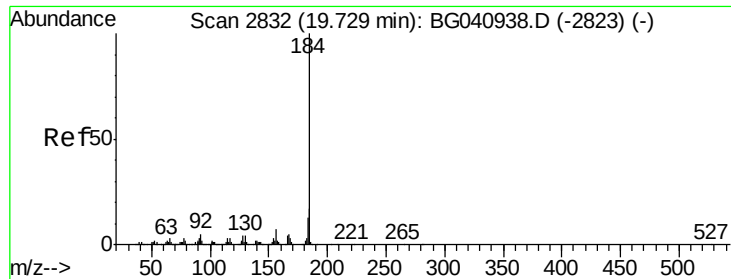
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.638 ng

RT: 19.71 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

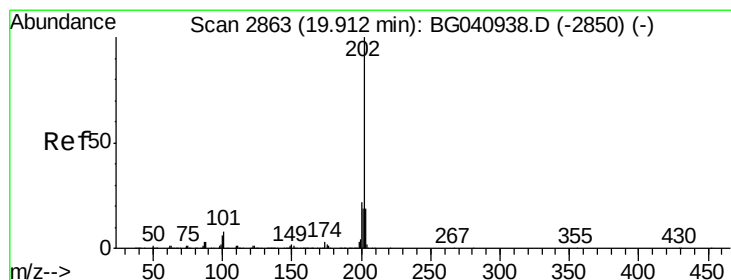
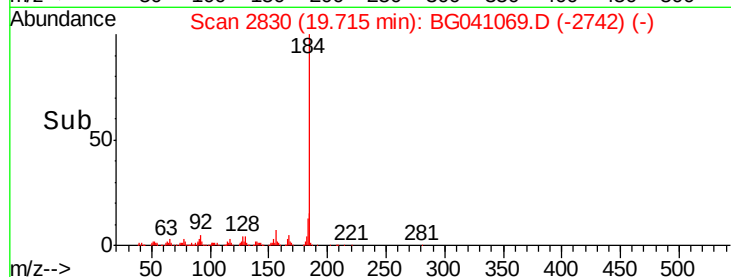
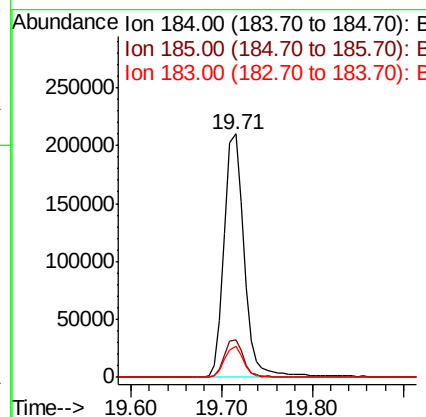
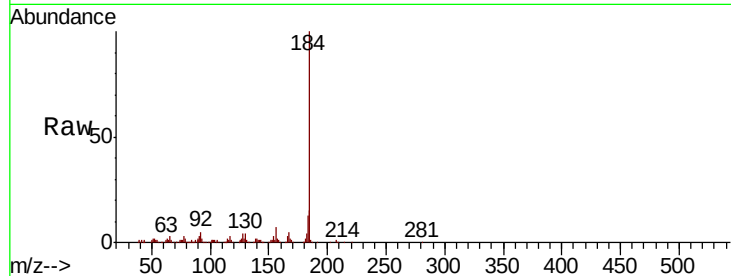
ClientSampleId :

PB120267BS

Tot Ion:	184	Resp:	323448
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.3	19.9
183	12.7	10.7	16.1

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#78

Pyrene

Concen: 44.863 ng

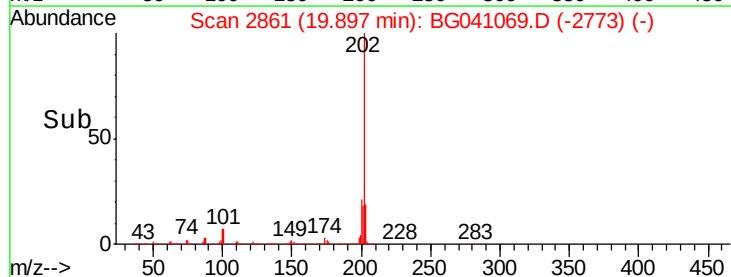
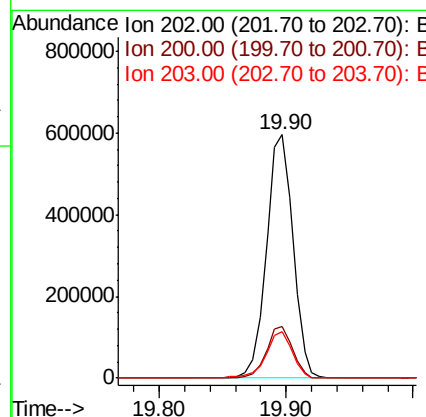
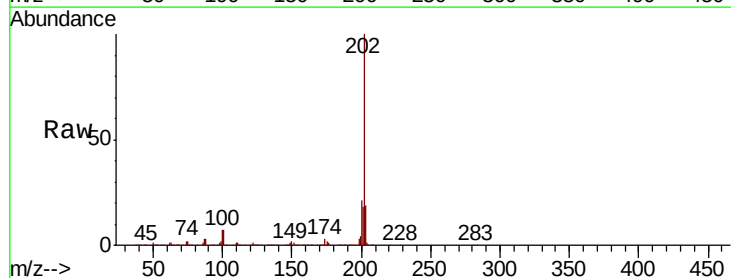
RT: 19.90 min Scan# 2861

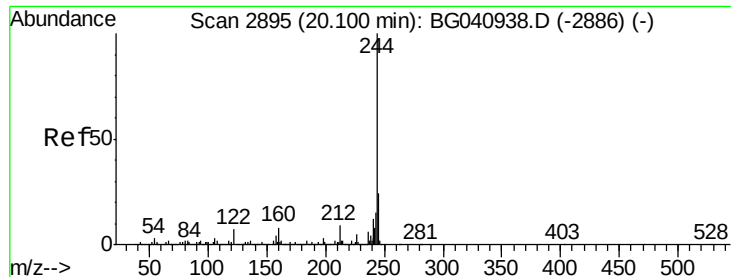
Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Tgt Ion:	202	Resp:	866446
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.5	26.3
203	19.2	15.6	23.4





#79

Terphenyl-d14

Concen: 87.207 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

ClientSampleId :

PB120267BS

Tot Ion:244 Resp: 1220755

Ion Ratio Lower Upper

244 100

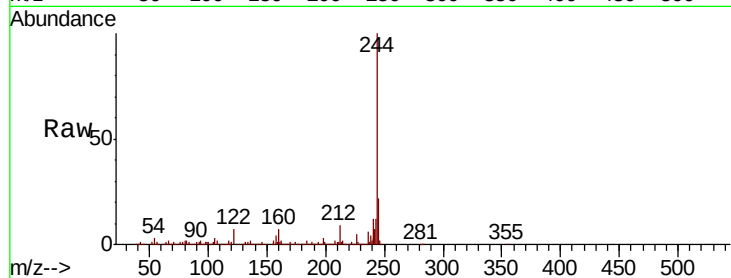
212 8.8 7.0 10.4

122 7.3 5.4 8.0

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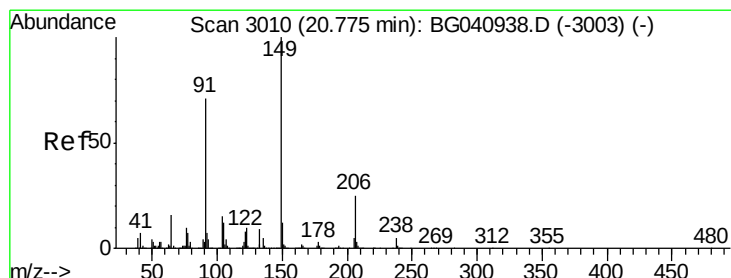
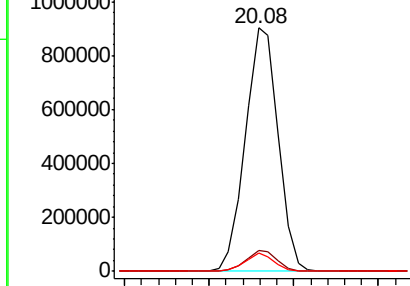
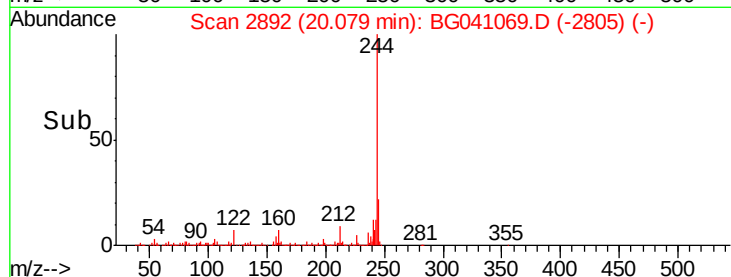
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.907 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

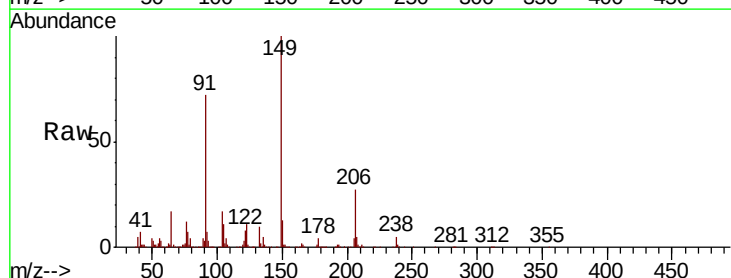
Tgt Ion:149 Resp: 322477

Ion Ratio Lower Upper

149 100

91 72.3 56.5 84.7

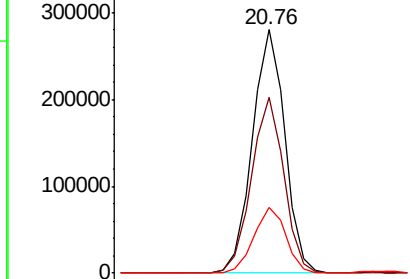
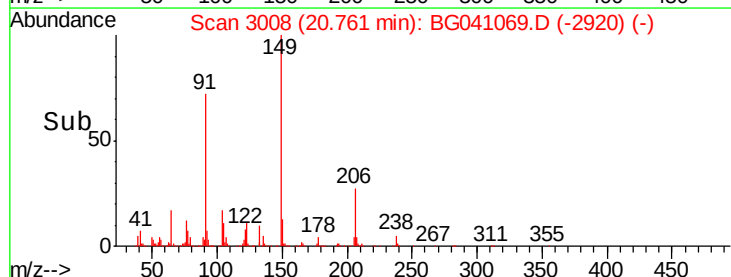
206 26.9 20.3 30.5

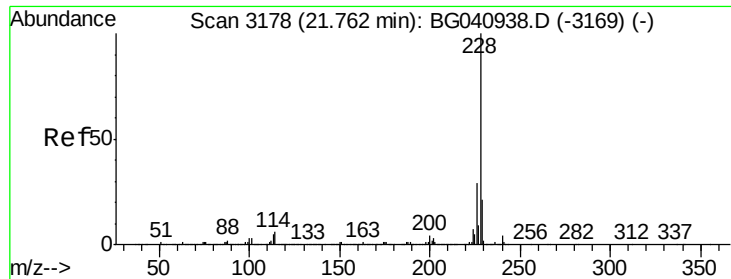


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





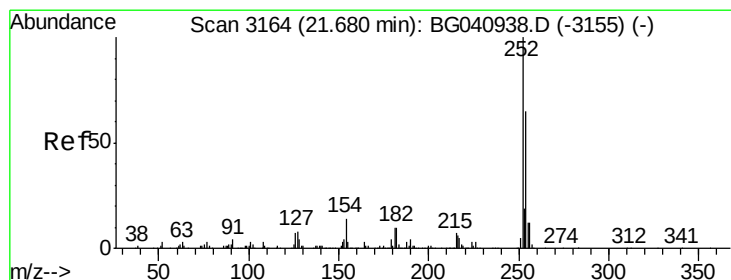
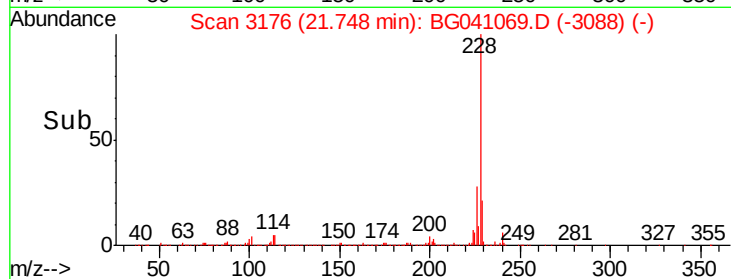
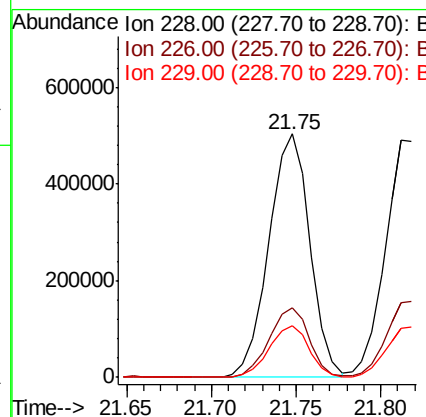
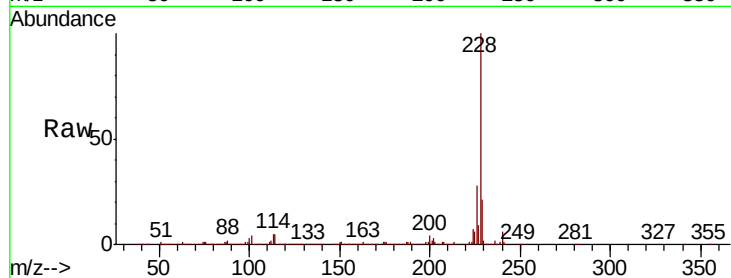
#81
Benzo(a)anthracene
Concen: 42.852 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.5	35.3
229	21.3	16.7	25.1

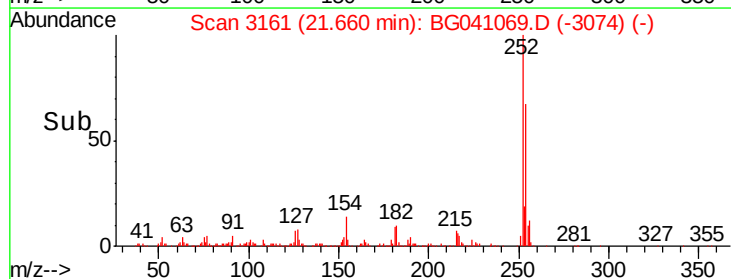
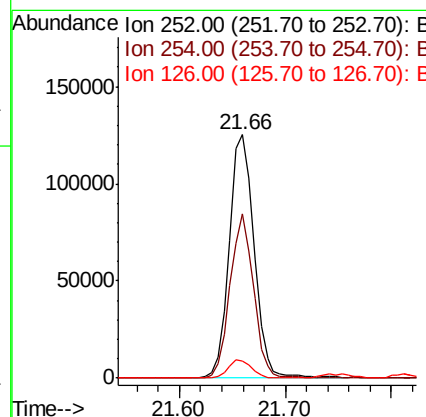
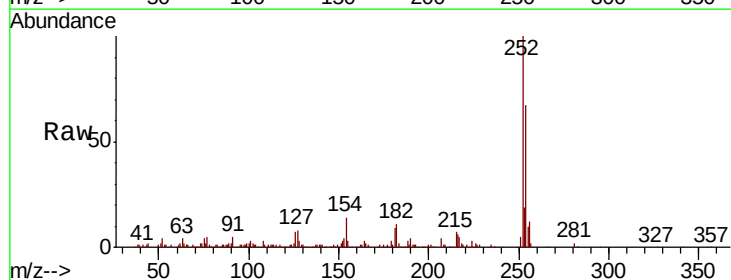
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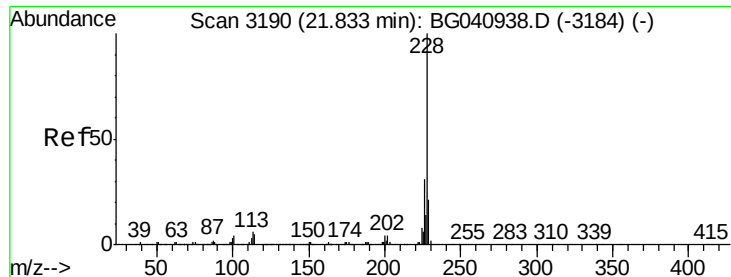
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.253 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.4	52.1	78.1
126	6.9	5.5	8.3





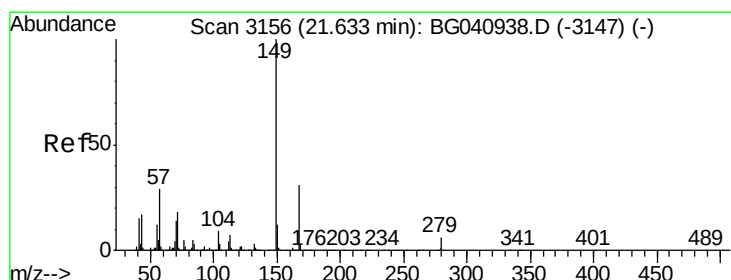
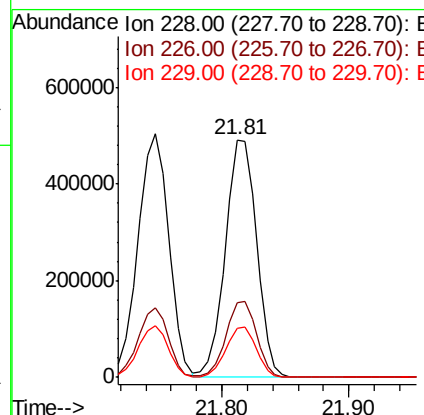
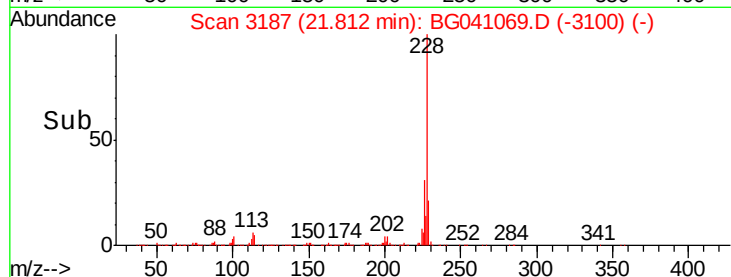
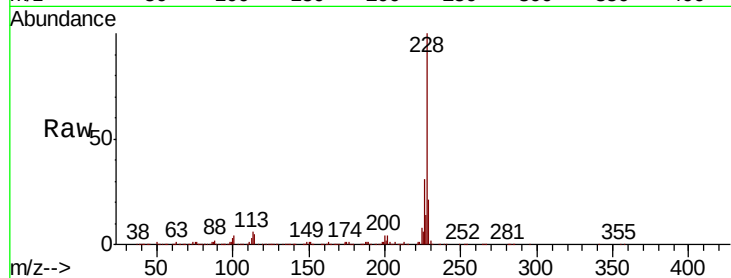
#83
Chrysene
Concen: 44.391 ng
RT: 21.81 min Scan# 3187
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	20.7	16.6	24.8

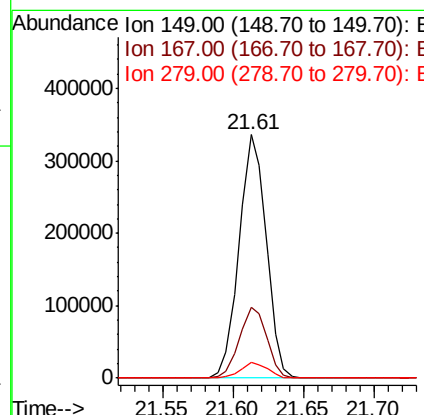
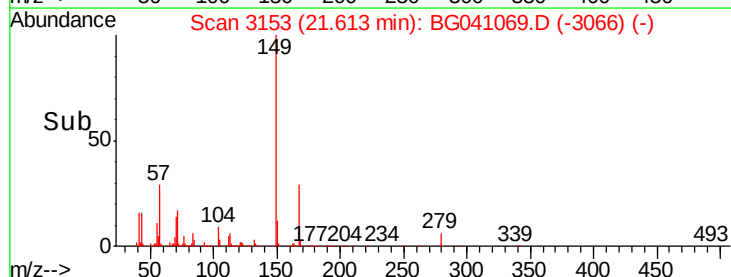
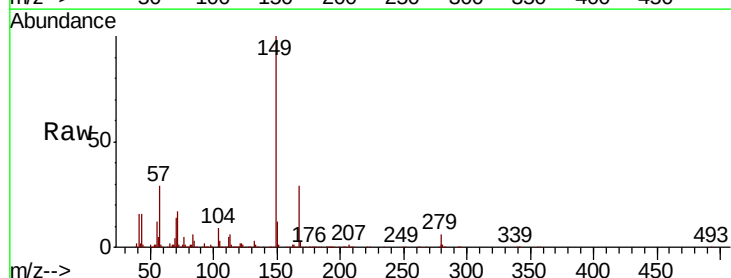
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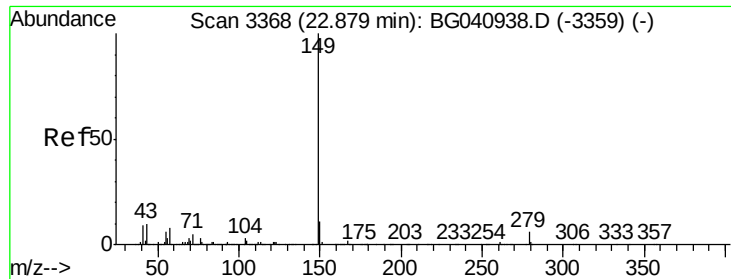
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.628 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	24.6	37.0
279	6.4	5.0	7.6





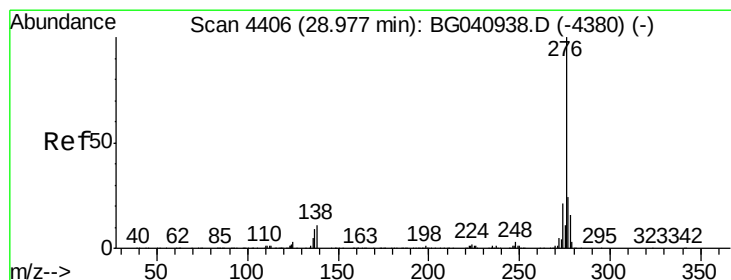
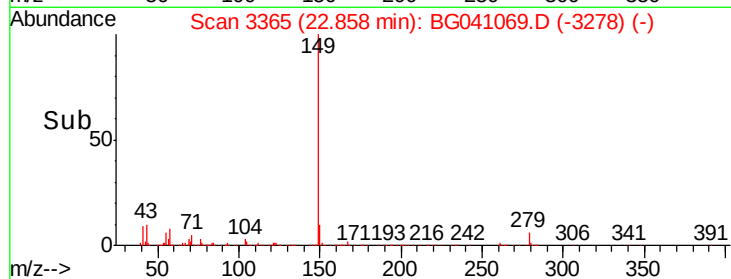
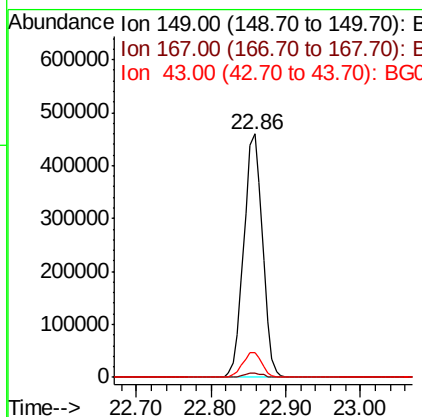
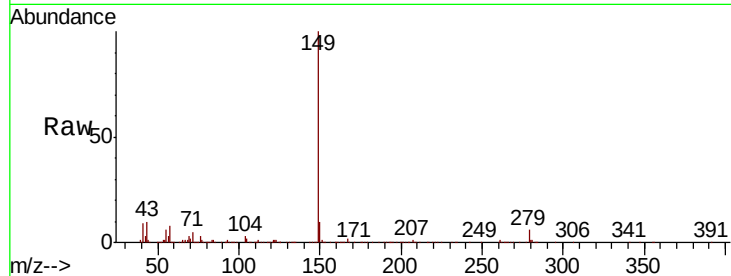
#85
Di-n-octyl phthalate
Concen: 45.117 ng
RT: 22.86 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	794986		
167	1.8		1.4	2.0
43	10.2		8.1	12.1

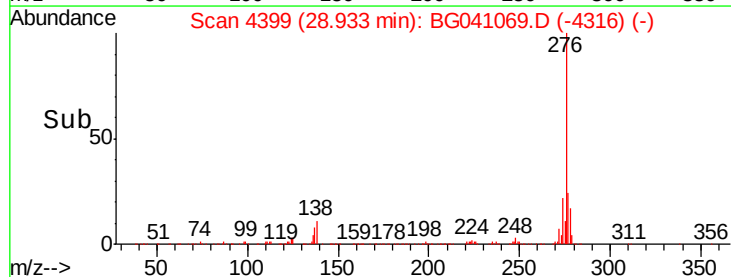
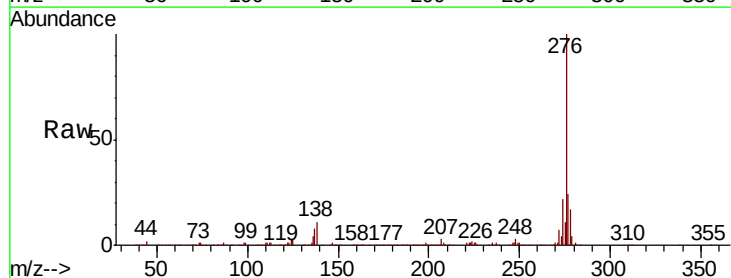
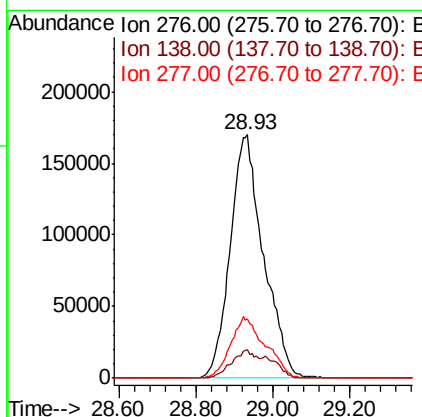
Manual Integrations
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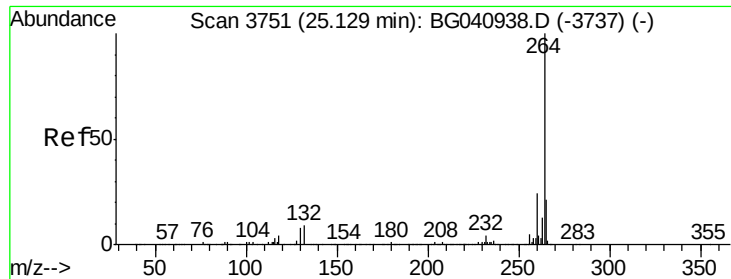
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.130 ng
RT: 28.93 min Scan# 4399
Delta R.T. -0.04 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	1023064		
138	9.0		5.7	8.5#
277	26.2		20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

Instrument :

BNA_G

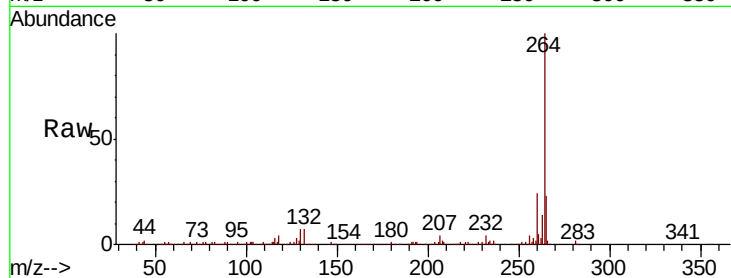
ClientSampleId :

PB120267BS

Tot Ion:	264	Resp:	329041
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.0	28.4
265	23.0	17.0	25.4

Manual Integrations
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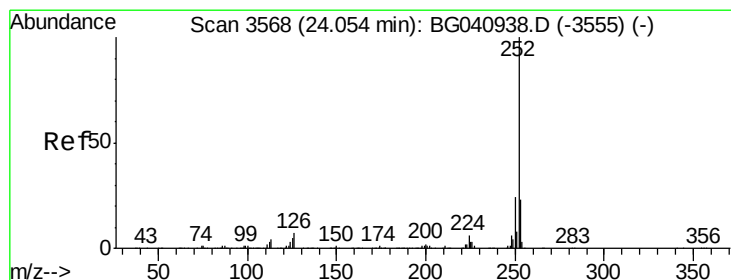
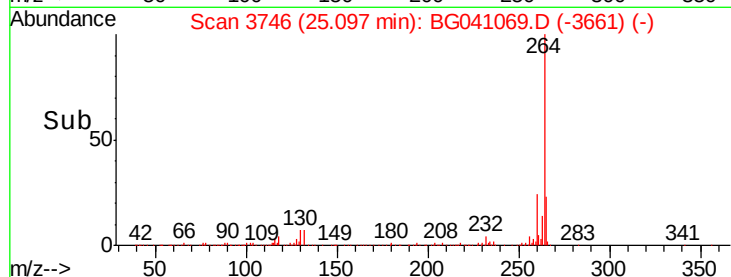
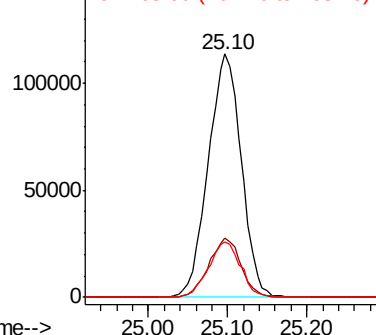


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.564 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.02 min

Lab File: BG041069.D

Acq: 5 Jun 2019 12:22

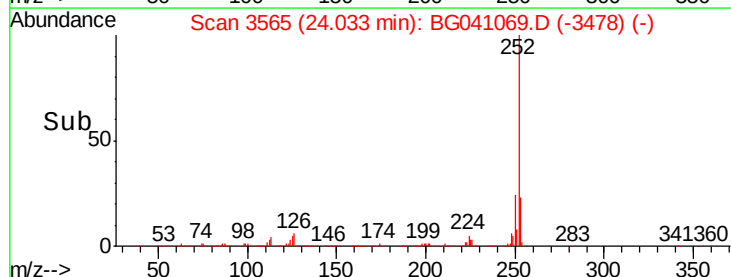
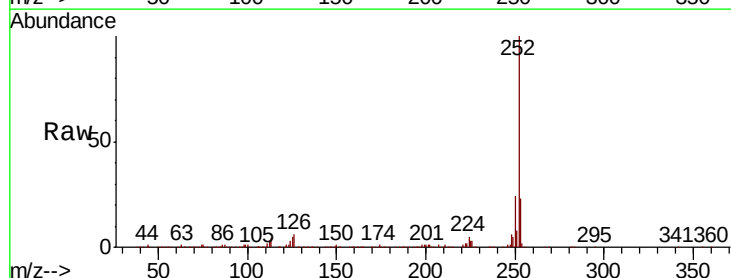
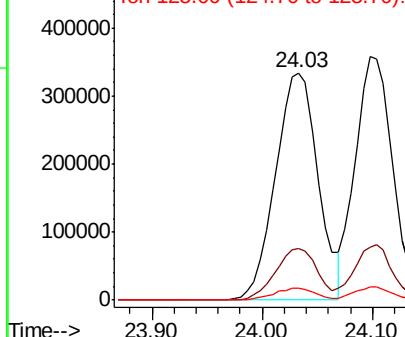
Tgt Ion:	252	Resp:	889389
Ion Ratio		Lower	Upper
252	100		
253	22.9	18.4	27.6
125	5.0	4.3	6.5

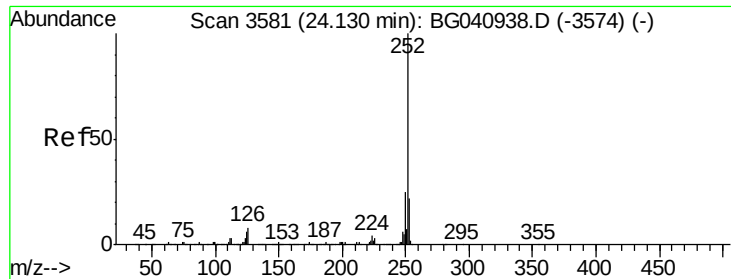
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





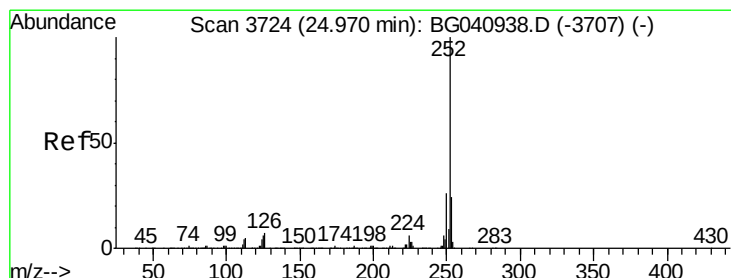
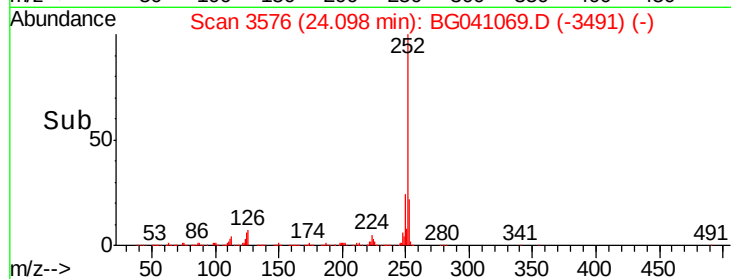
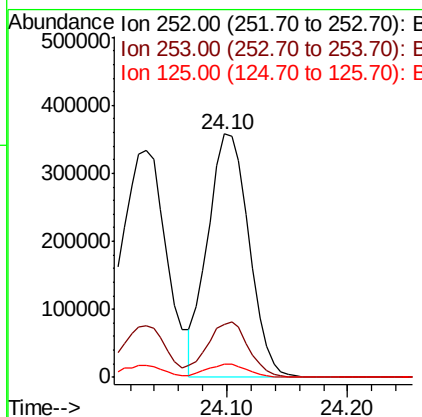
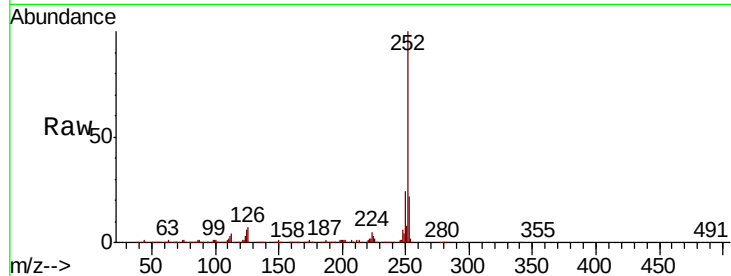
#89
Benzo(k)fluoranthene
Concen: 42.767 ng
RT: 24.10 min Scan# 3576
Delta R.T. -0.03 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	5.5	4.7	7.1

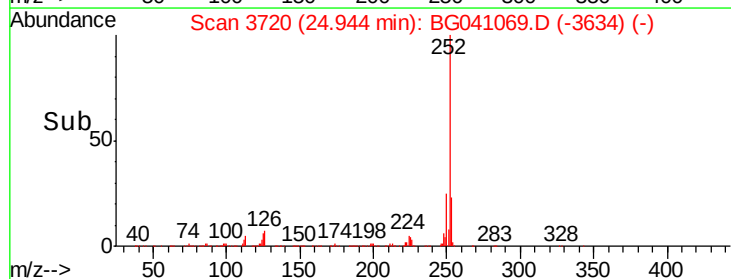
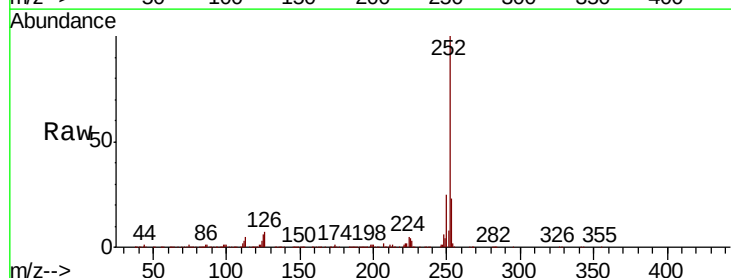
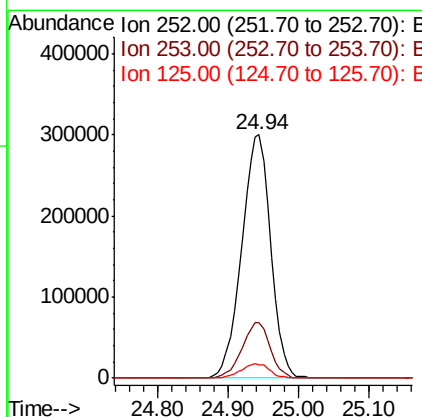
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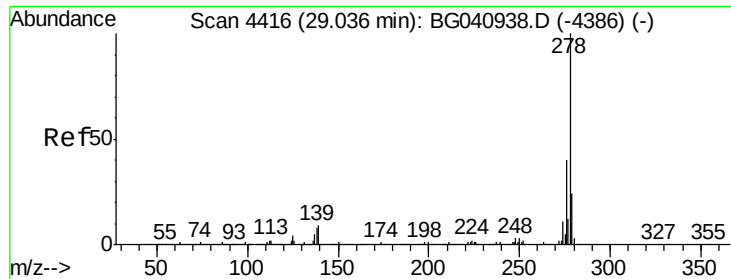
mohammad
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#90
Benzo(a)pyrene
Concen: 44.885 ng
RT: 24.94 min Scan# 3720
Delta R.T. -0.03 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.5	29.3
125	5.6	5.1	7.7





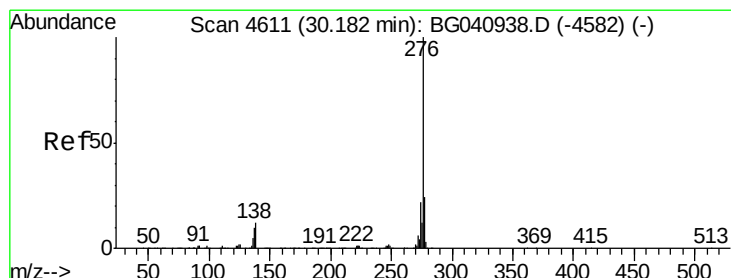
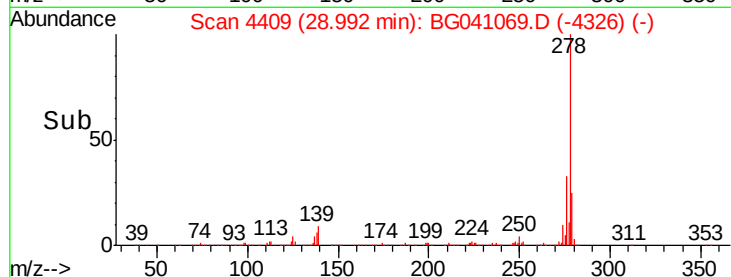
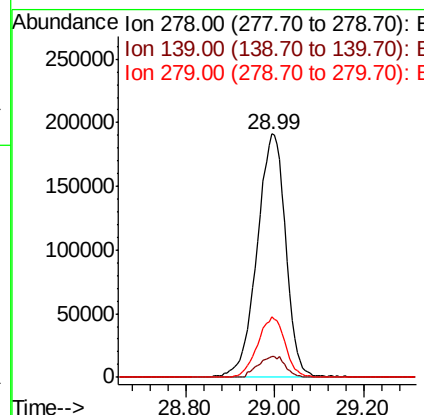
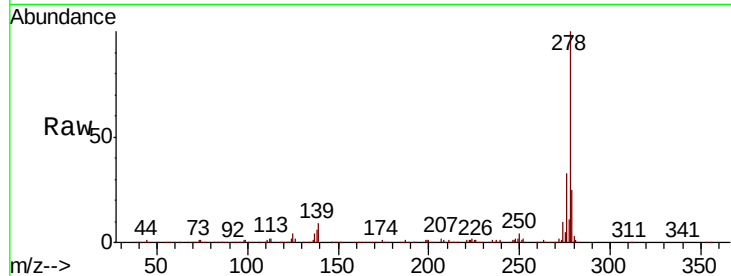
#91
Dibenzo(a,h)anthracene
Concen: 44.389 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.04 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	7.1	10.7
279	24.9	19.4	29.2

Manual Integrations
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6/6/2019 3:42:10 PM



#92
Benzo(g,h,i)perylene
Concen: 46.103 ng
RT: 30.14 min Scan# 4604
Delta R.T. -0.04 min
Lab File: BG041069.D
Acq: 5 Jun 2019 12:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.4	29.0
138	10.1	9.7	14.5

