

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
 Data File : BG041195.D
 Acq On : 11 Jun 2019 19:16
 Operator : HP/JU
 Sample : PB120503BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120503BS

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:38:38 AM

Quant Time: Jun 12 03:16:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	39853	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	169046	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	133641	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	332771	20.00	ng	0.00
76) Chrysene-d12	21.76	240	332638	20.00	ng	0.00
87) Perylene-d12	25.08	264	295975	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	308947	139.79	ng	0.00
7) Phenol-d6	7.25	99	446762	130.89	ng	0.00
23) Nitrobenzene-d5	9.29	82	309423	81.26	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	257973	130.03	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	750106	80.83	ng	0.00
79) Terphenyl-d14	20.07	244	1349473	86.10	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	35110	35.008 ng	94
3) Pyridine	3.91	79	93587	31.537 ng	96
4) n-Nitrosodimethylamine	3.83	42	59306	43.060 ng	92
6) Aniline	7.43	93	134269	29.471 ng	99
8) 2-Chlorophenol	7.67	128	128362	48.717 ng	96
9) Benzaldehyde	7.24	77	27964	13.734 ng	92
10) Phenol	7.28	94	176638	48.265 ng	97
11) bis(2-Chloroethyl)ether	7.52	93	114704	43.204 ng	96
12) 1,3-Dichlorobenzene	7.99	146	132703	42.168 ng	97
13) 1,4-Dichlorobenzene	8.14	146	139907	43.921 ng	97
14) 1,2-Dichlorobenzene	8.46	146	133920	43.299 ng	98
15) Benzyl Alcohol	8.35	79	141618	44.852 ng	92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	172385	39.735 ng	97
17) 2-Methylphenol	8.54	107	123868	46.746 ng	96
18) Hexachloroethane	9.19	117	50999	41.539 ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	109837	41.815 ng	96
20) 3+4-Methylphenols	8.87	107	168080	45.792 ng	98
22) Acetophenone	8.93	105	211359	44.571 ng	# 97
24) Nitrobenzene	9.33	77	176720	45.540 ng	99
25) Isophorone	9.84	82	312435	43.114 ng	99
26) 2-Nitrophenol	10.04	139	79682	49.808 ng	97
27) 2,4-Dimethylphenol	10.08	122	139062	52.633 ng	92
28) bis(2-Chloroethoxy)methane	10.32	93	166453	42.558 ng	97
29) 2,4-Dichlorophenol	10.57	162	160998	47.985 ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	170816	44.754 ng	94
31) Naphthalene	10.98	128	419912	46.265 ng	100
32) Benzoic acid	10.23	122	85673	42.768 ng	98
33) 4-Chloroaniline	11.09	127	106835	25.369 ng	95
34) Hexachlorobutadiene	11.24	225	123642	42.337 ng	96
35) Caprolactam	11.89	113	49899m	45.037 ng	
36) 4-Chloro-3-methylphenol	12.20	107	182569	47.646 ng	95
37) 2-Methylnaphthalene	12.57	142	330499	47.279 ng	98
38) 1-Methylnaphthalene	12.79	142	313181	47.543 ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	247173	45.888 ng	99

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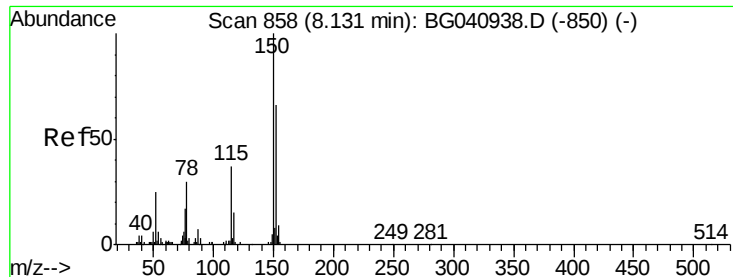
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	228463	79.016	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	158942	45.613	nq	98
44) 2,4,5-Trichlorophenol	13.25	196	169754	46.192	nq	99
46) 1,1'-Biphenyl	13.57	154	448661	45.354	nq	98
47) 2-Chloronaphthalene	13.62	162	379279	44.661	nq	98
48) 2-Nitroaniline	13.83	65	135164	44.365	nq	98
49) Acenaphthylene	14.46	152	587913	45.997	nq	99
50) Dimethylphthalate	14.19	163	487134	43.061	nq	100
51) 2,6-Dinitrotoluene	14.32	165	109266	44.797	nq	95
52) Acenaphthene	14.80	154	344768	44.526	nq	98
53) 3-Nitroaniline	14.66	138	85339	34.989	nq	92
54) 2,4-Dinitrophenol	14.86	184	124065	91.771	nq	94
55) Dibenzofuran	15.13	168	596868	45.811	nq	99
56) 4-Nitrophenol	14.95	139	160343	95.844	nq	91
57) 2,4-Dinitrotoluene	15.10	165	157872	45.820	nq	# 96
58) Fluorene	15.78	166	468245	45.128	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	175294	48.537	nq	99
60) Diethylphthalate	15.54	149	504586	43.706	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	300364	44.537	nq	94
62) 4-Nitroaniline	15.82	138	108377	41.971	nq	98
63) Azobenzene	16.06	77	463204	44.144	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	94224	51.974	nq	99
66) n-Nitrosodiphenylamine	15.99	169	433567	46.348	nq	100
67) 4-Bromophenyl-phenylether	16.66	248	198969	44.305	nq	99
68) Hexachlorobenzene	16.78	284	203797	42.617	nq	98
69) Atrazine	16.93	200	175659	48.666	nq	98
70) Pentachlorophenol	17.13	266	238744	92.493	nq	97
71) Phenanthrene	17.52	178	797234	45.994	nq	99
72) Anthracene	17.62	178	816308	47.750	nq	99
73) Carbazole	17.89	167	696872	47.508	nq	99
74) Di-n-butylphthalate	18.42	149	818098	44.873	nq	100
75) Fluoranthene	19.53	202	1019700	47.628	nq	100
77) Benzidine	19.71	184	330277	41.622	nq	97
78) Pyrene	19.89	202	1018393	47.096	nq	99
80) Butylbenzylphthalate	20.76	149	383813	45.611	nq	97
81) Benzo(a)anthracene	21.74	228	989632	44.694	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	263167	33.791	nq	98
83) Chrysene	21.81	228	972761	45.908	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	531426	44.861	nq	97
85) Di-n-octyl phthalate	22.84	149	891775	45.202	nq	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	882707	34.007	nq	# 67
88) Benzo(b)fluoranthene	24.02	252	941907	52.468	nq	99
89) Benzo(k)fluoranthene	24.09	252	1023214	57.598	nq	100
90) Benzo(a)pyrene	24.93	252	964679	56.324	nq	96
91) Dibenzo(a,h)anthracene	28.98	278	674440	39.409	nq	97
92) Benzo(g,h,i)perylene	30.12	276	650023	39.095	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

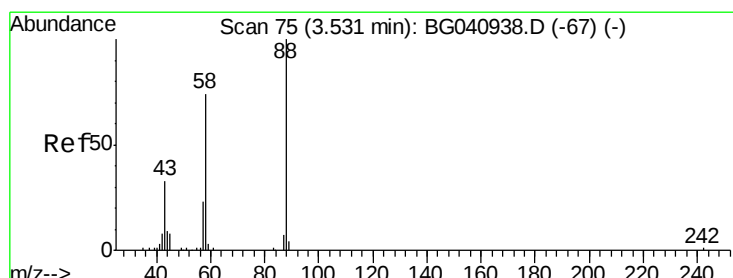
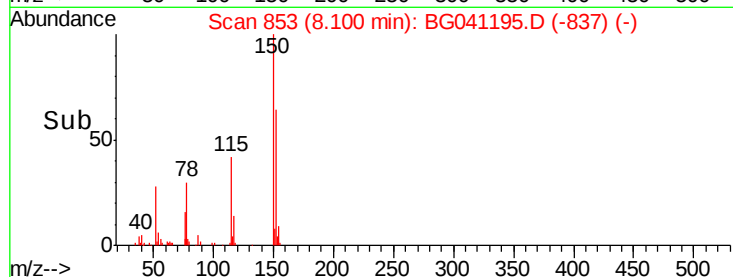
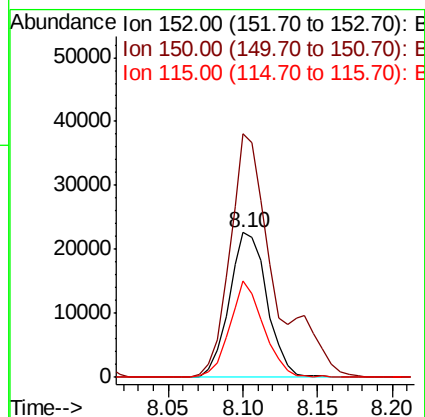
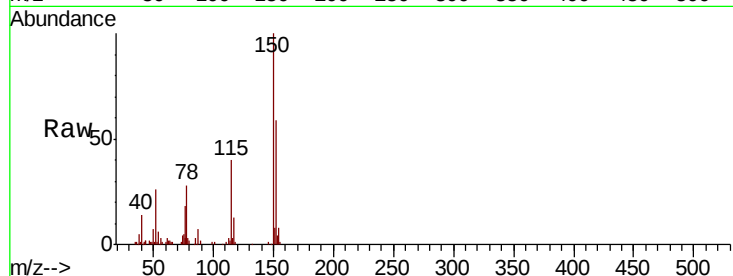
ClientSampleId :

PB120503BS

Tot Ion:	152	Resp:	39853
Ion Ratio	Lower	Upper	
152	100		
150	168.3	120.6	180.8
115	66.6	45.1	67.7

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#2

1,4-Dioxane

Concen: 35.008 ng

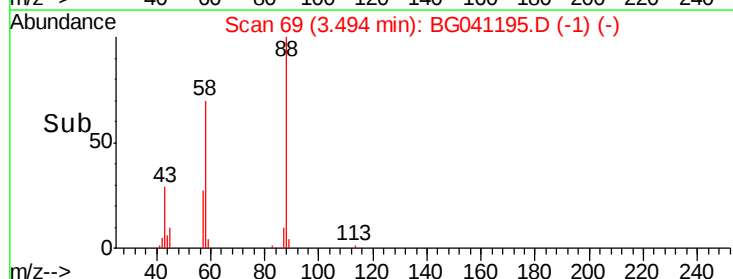
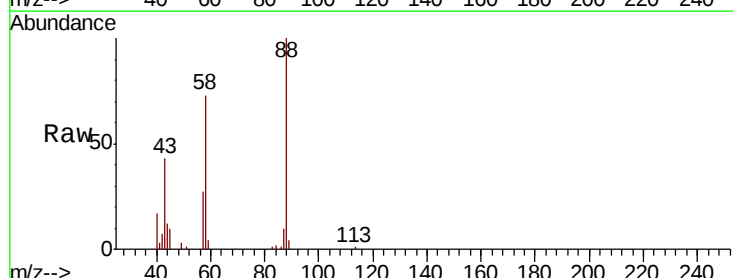
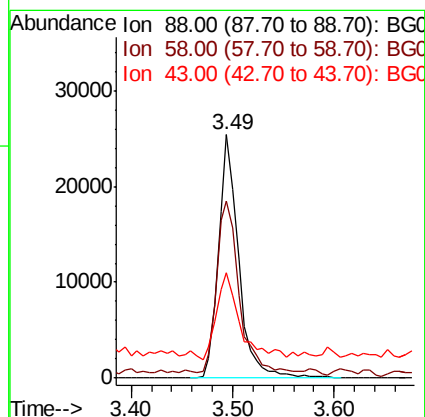
RT: 3.49 min Scan# 69

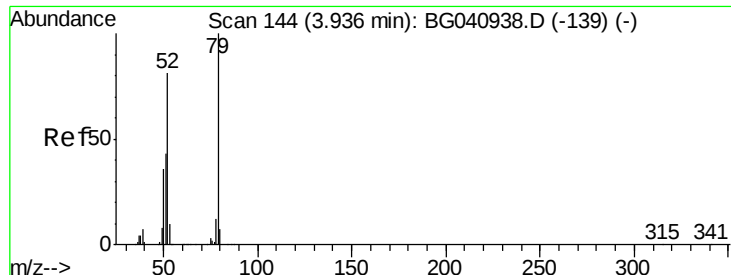
Delta R.T. -0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	88	Resp:	35110
Ion Ratio	Lower	Upper	
88	100		
58	77.0	59.0	88.6
43	40.8	27.2	40.8





#3

Pvridine

Concen: 31.537 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

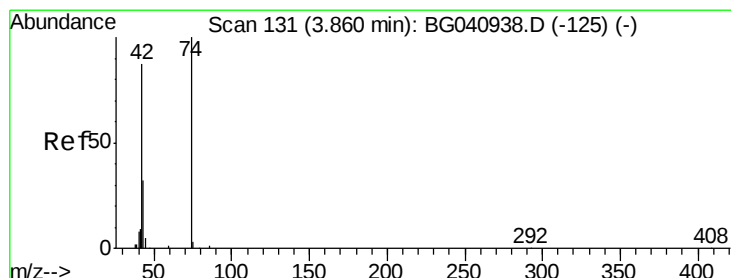
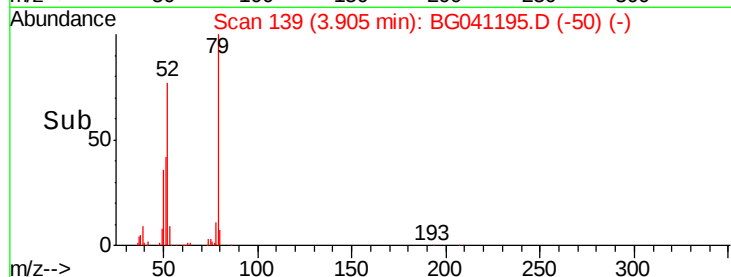
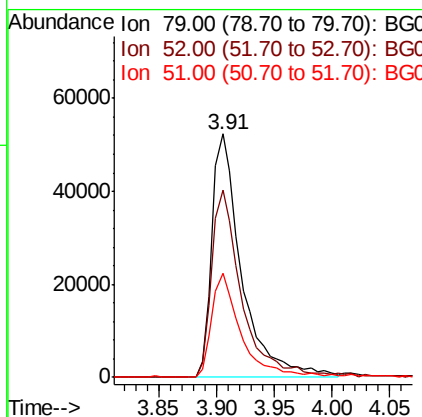
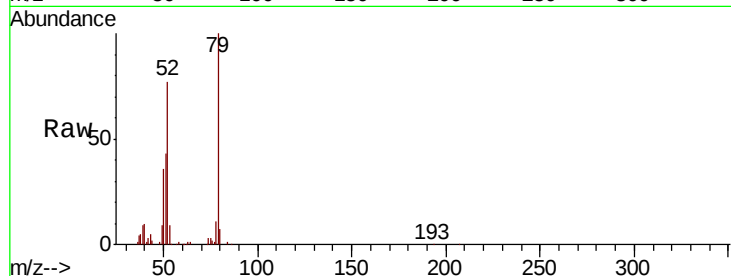
ClientSampleId :

PB120503BS

Tot Ion:	79	Resp:	93587
Ion Ratio	Lower	Upper	
79	100		
52	77.1	64.8	97.2
51	42.6	35.3	52.9

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#4

n-Nitrosodimethylamine

Concen: 43.060 ng

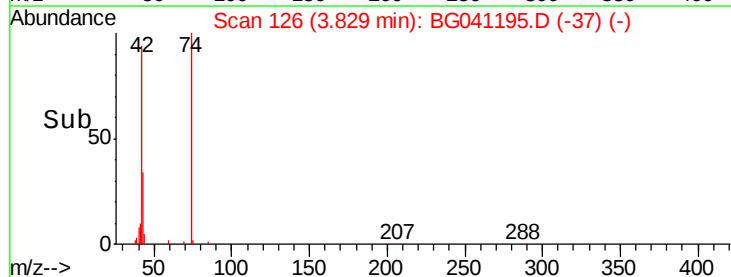
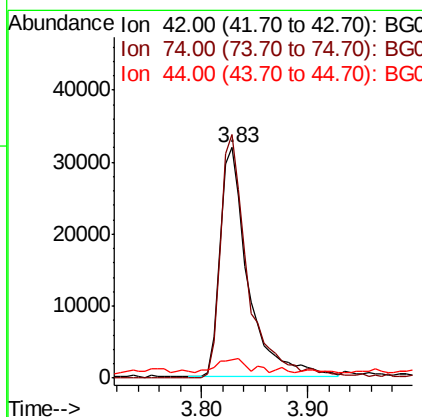
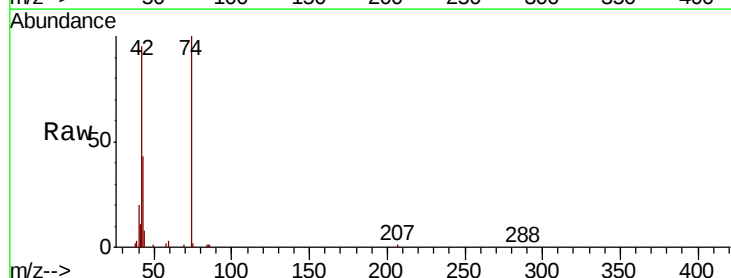
RT: 3.83 min Scan# 126

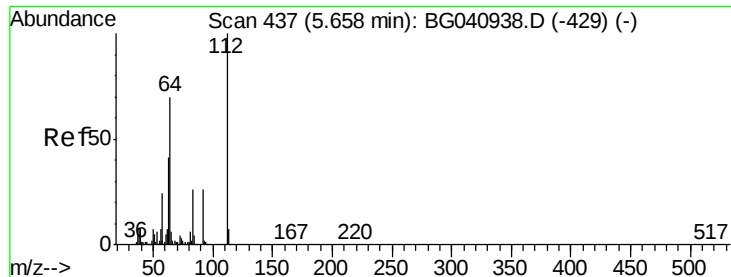
Delta R.T. -0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	42	Resp:	59306
Ion Ratio	Lower	Upper	
42	100		
74	105.7	91.8	137.6
44	7.9	6.0	9.0





#5

2-Fluorophenol

Concen: 139.788 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

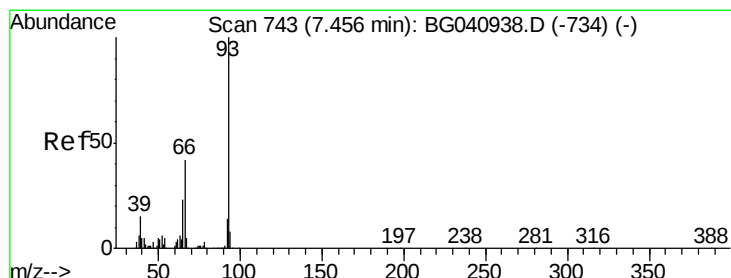
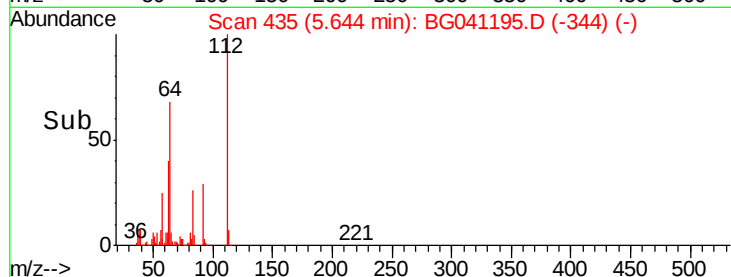
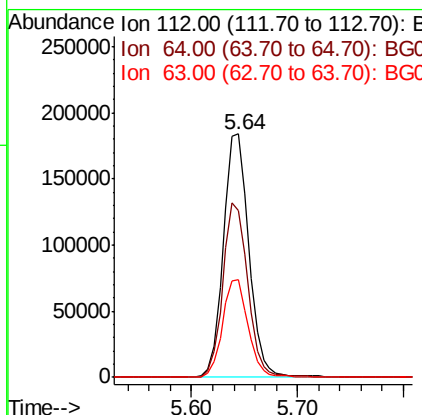
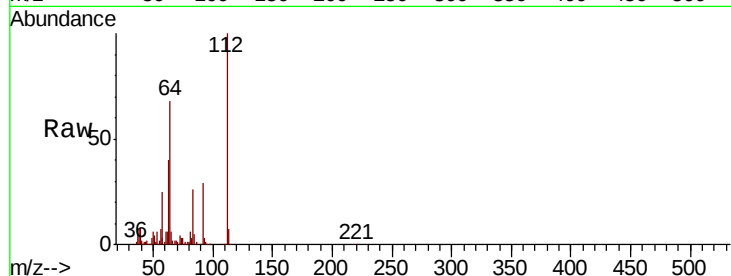
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Tot Ion:	112	Resp:	308947
Ion Ratio	Lower	Upper	
112	100		
64	68.4	56.2	84.2
63	40.2	32.8	49.2

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#6

Aniline

Concen: 29.471 ng

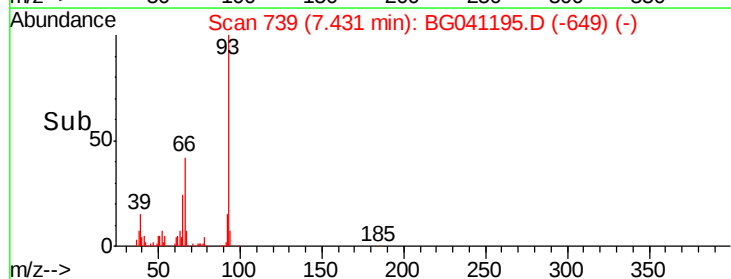
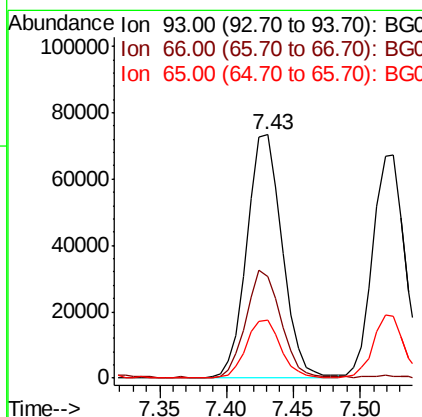
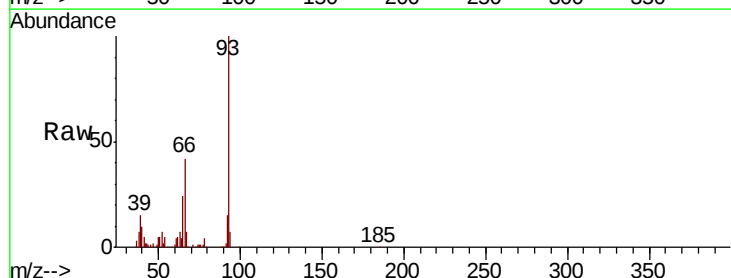
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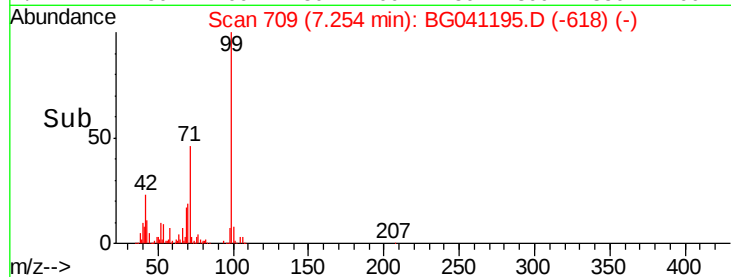
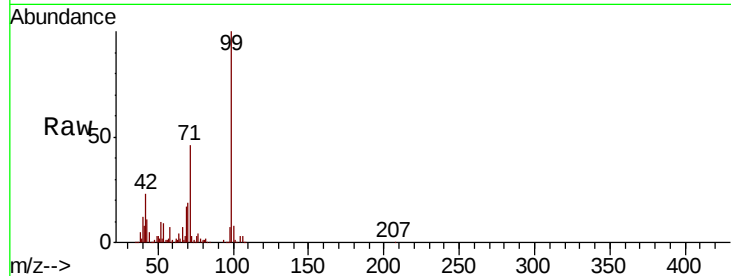
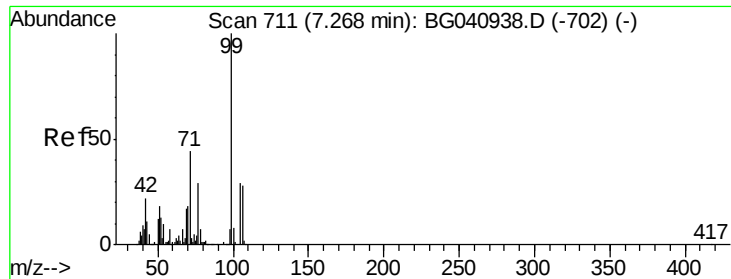
Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	93	Resp:	134269
Ion Ratio	Lower	Upper	
93	100		
66	41.8	33.8	50.8
65	23.9	18.3	27.5





#7

Phenol-d6

Concen: 130.889 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.01 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tot Ion:	99	Resp:	446762
Ion Ratio	Lower	Upper	
99	100		
42	22.8	17.9	26.9
71	46.5	35.4	53.0

Instrument :

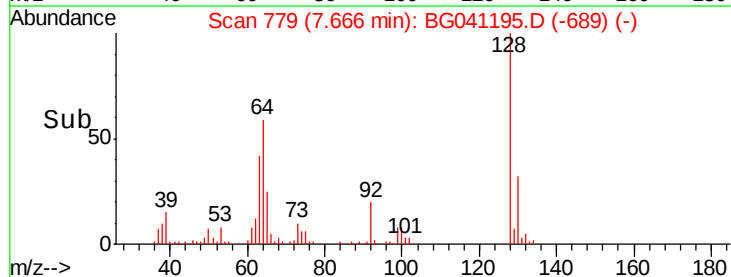
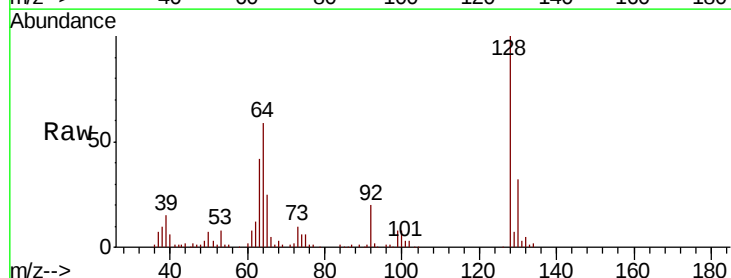
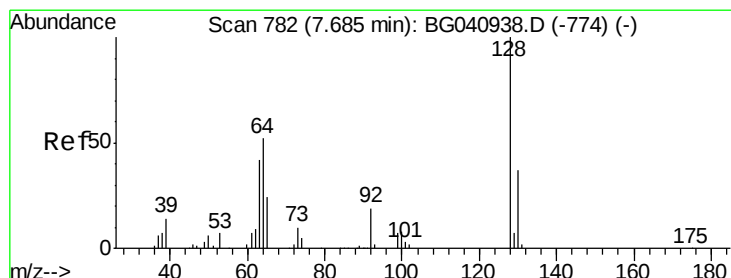
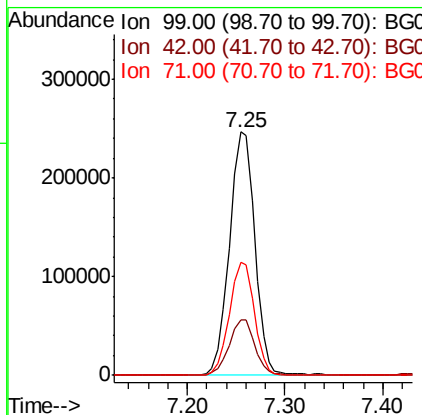
BNA_G

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#8

2-Chlorophenol

Concen: 48.717 ng

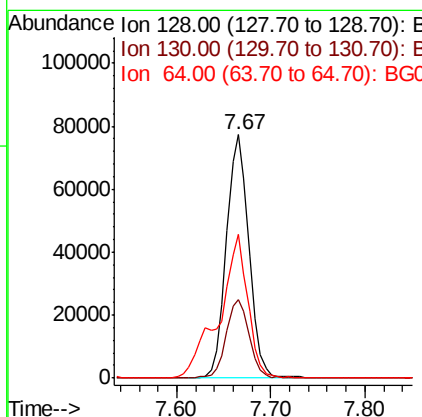
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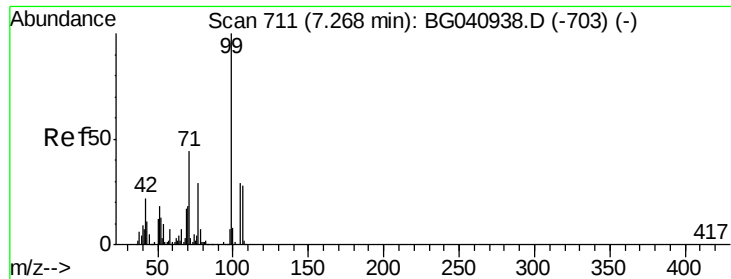
Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	128	Resp:	128362
Ion Ratio	Lower	Upper	
128	100		
130	32.0	16.6	56.6
64	59.2	37.8	77.8





#9

Benzaldehyde

Concen: 13.734 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

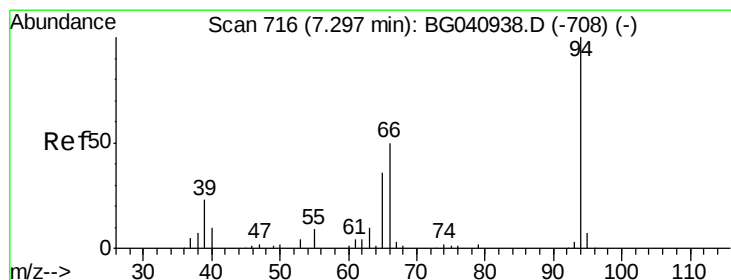
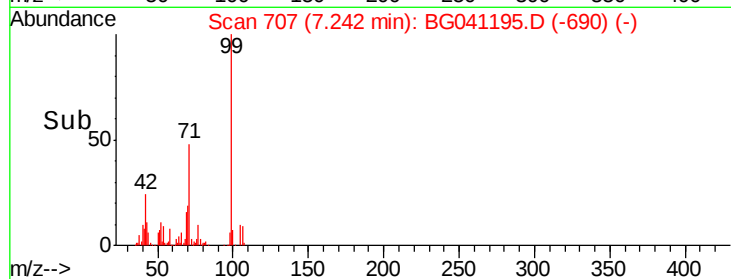
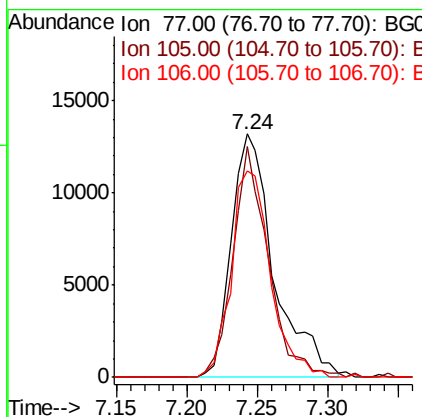
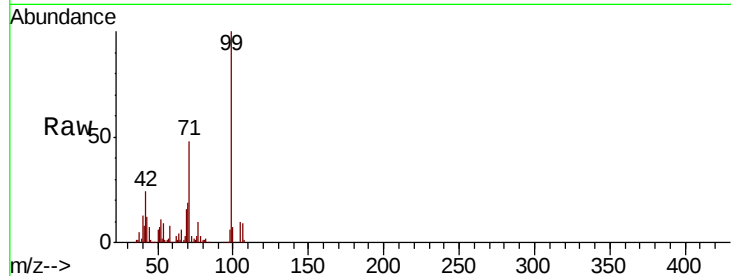
ClientSampleId :

PB120503BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.0	78.9	118.9
106	85.1	76.7	116.7

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#10

Phenol

Concen: 48.265 ng

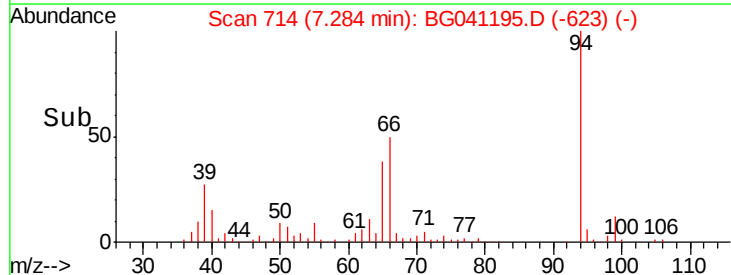
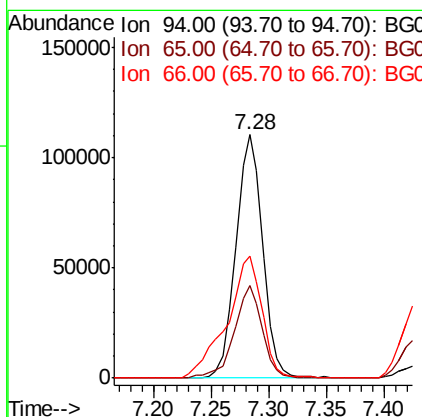
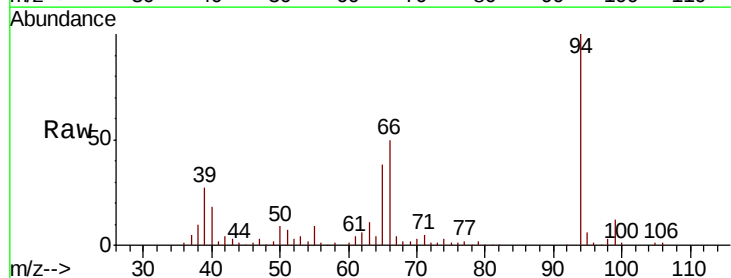
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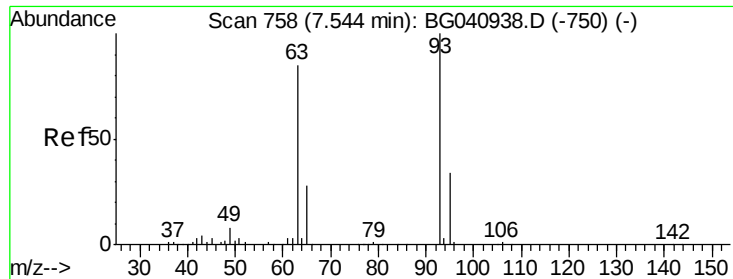
Delta R.T. 0.01 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.0	17.0	57.0
66	50.2	32.4	72.4





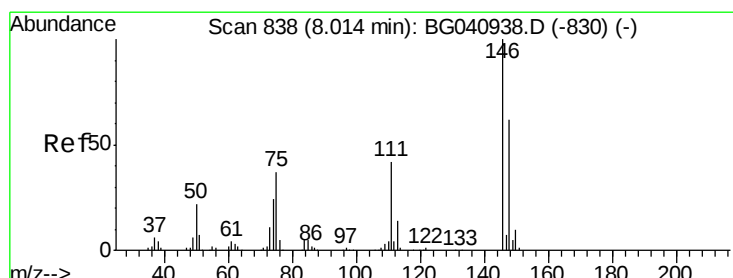
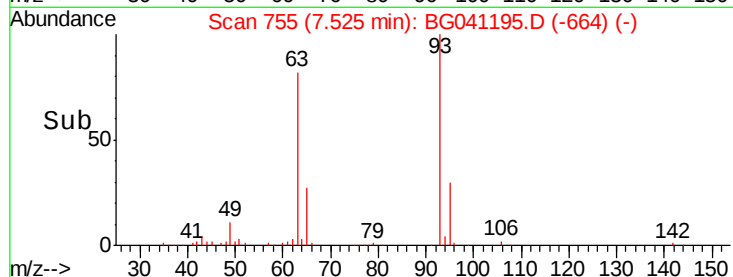
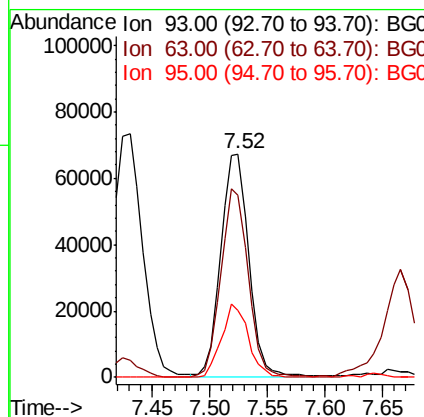
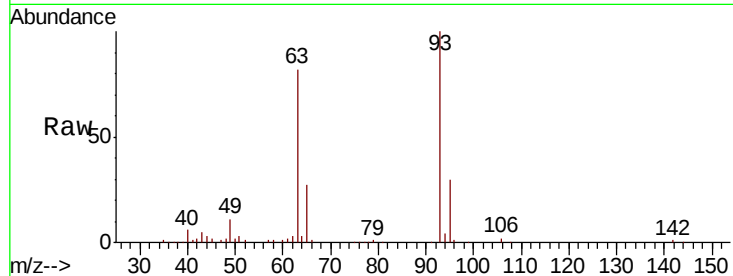
#11
bis(2-Chloroethyl)ether
Concen: 43.204 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	114704		
63	81.6	64.5	104.5	
95	29.8	13.3	53.3	

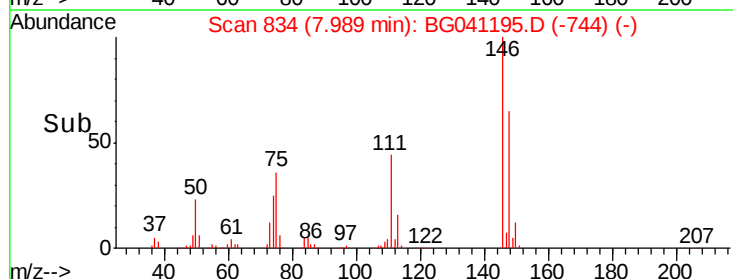
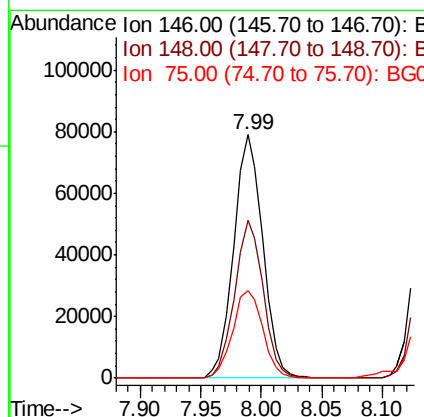
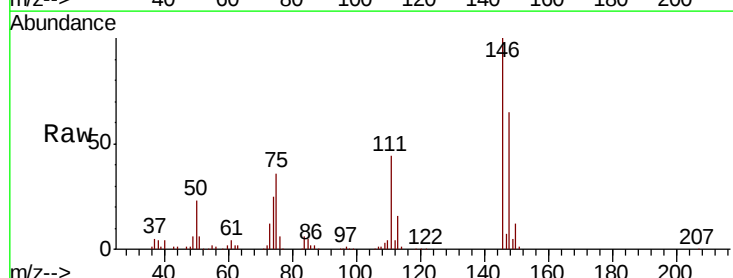
Manual Integrations
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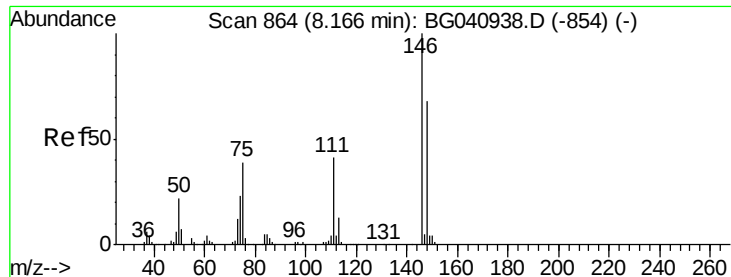
mohammad
6/14/2019 8:38:38 AM



#12
1,3-Dichlorobenzene
Concen: 42.168 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132703		
148	64.7	49.2	73.8	
75	35.8	29.4	44.0	





#13

1,4-Dichlorobenzene

Concen: 43.921 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

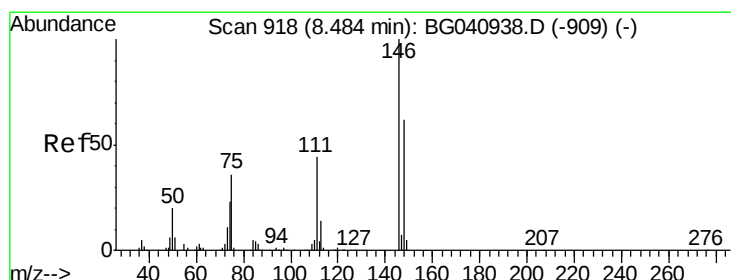
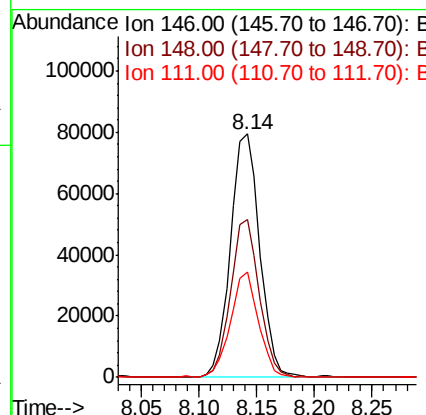
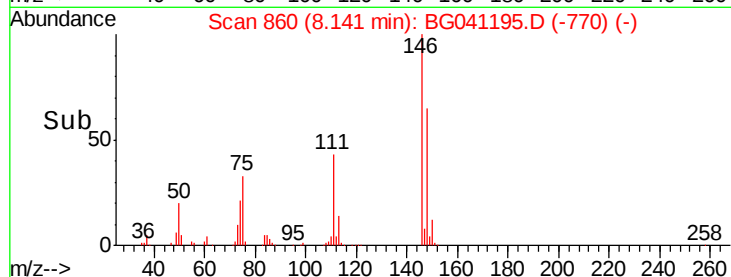
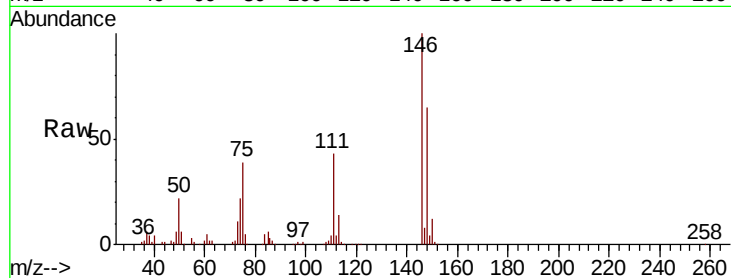
ClientSampled :

PB120503BS

Tot Ion:	146	Resp:	139907
Ion Ratio	Lower	Upper	
146	100		
148	64.8	54.2	81.4
111	43.1	32.9	49.3

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#14

1,2-Dichlorobenzene

Concen: 43.299 ng

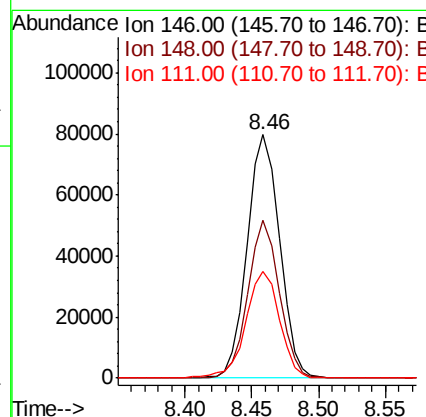
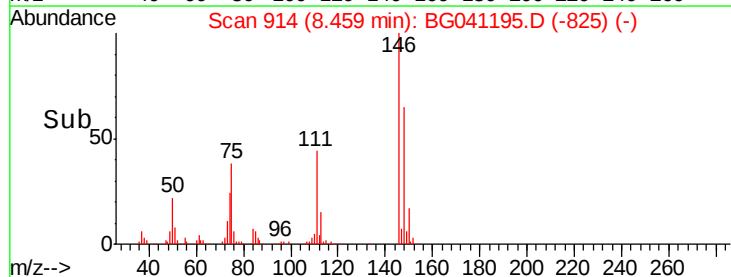
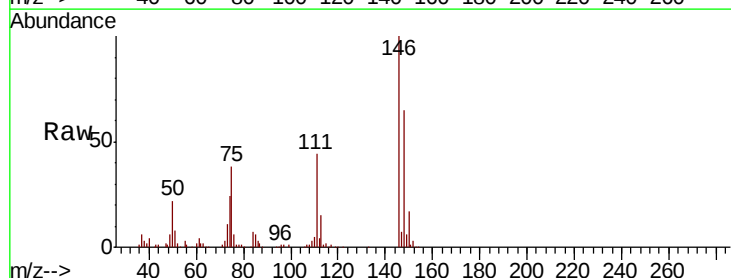
RT: 8.46 min Scan# 914

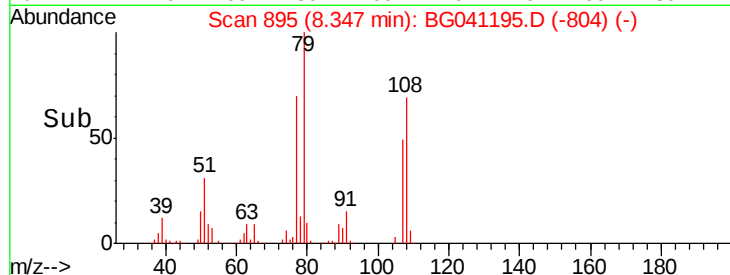
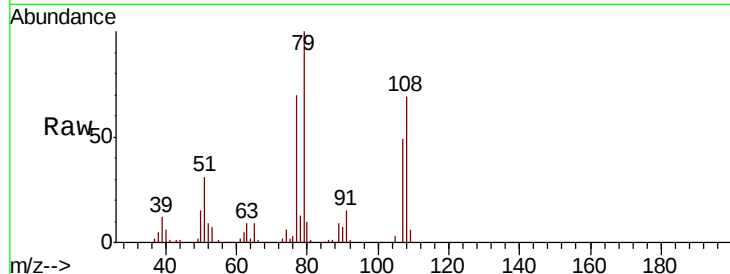
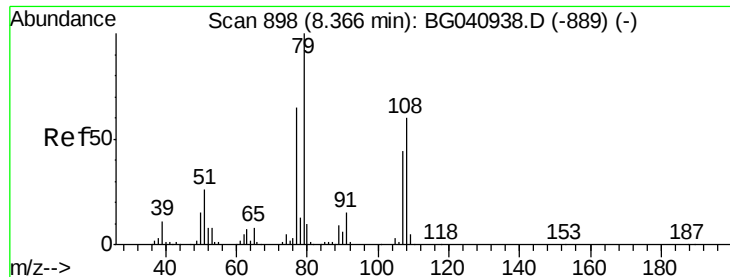
Delta R.T. -0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	146	Resp:	133920
Ion Ratio	Lower	Upper	
146	100		
148	65.0	49.8	74.6
111	43.8	35.0	52.4





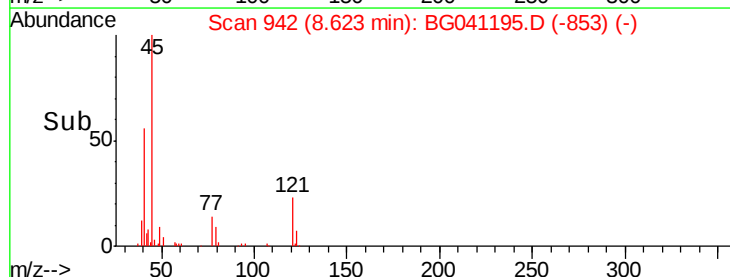
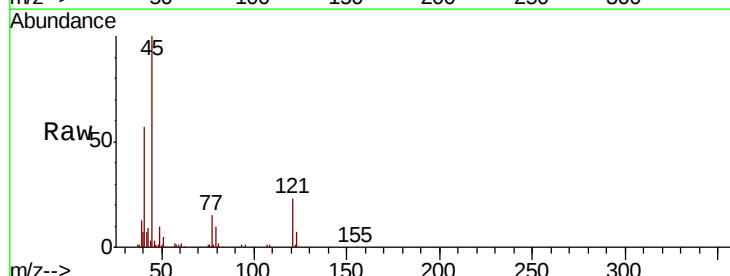
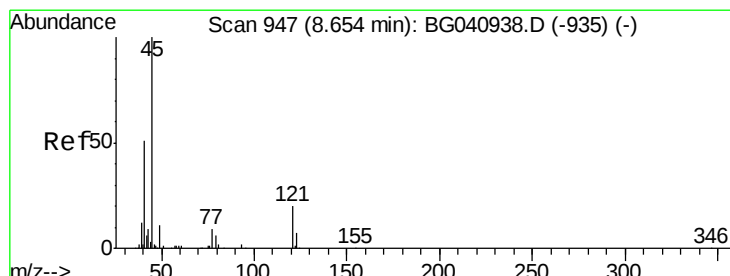
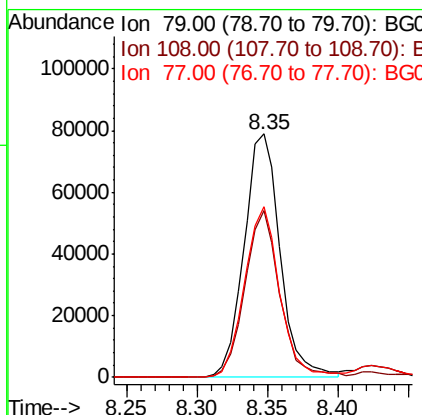
#15
Benzyl Alcohol
Concen: 44.852 ng
RT: 8.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tot Ion	Ratio	Resp	Lower	Upper
79	100	141618		
108	68.6	48.3	72.5	
77	70.2	52.3	78.5	

Instrument :
BNA_G
ClientSampled :
PB120503BS

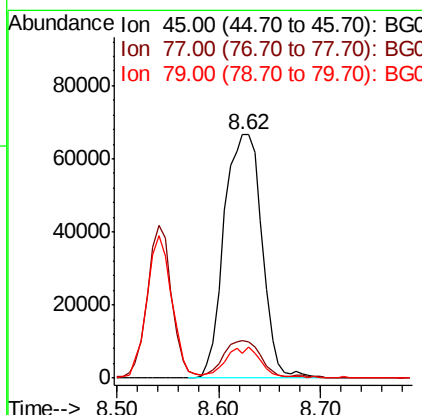
Manual Integrations
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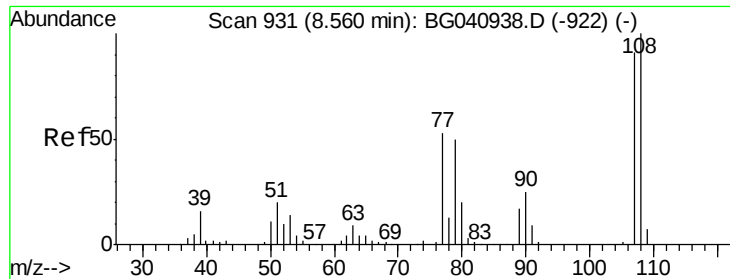
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.735 ng
RT: 8.62 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	172385		
77	15.5	0.0	33.7	
79	10.2	0.0	30.2	





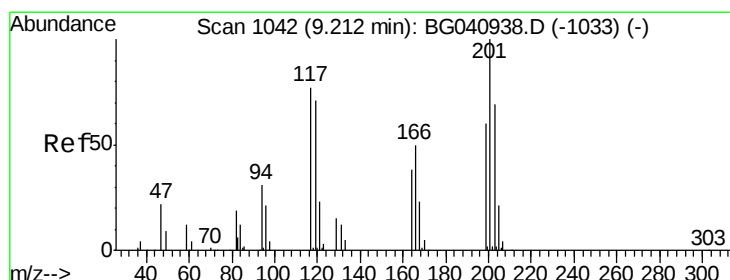
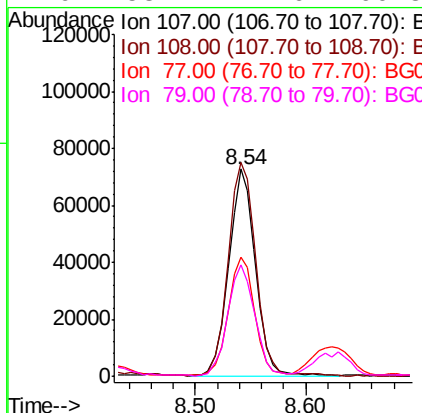
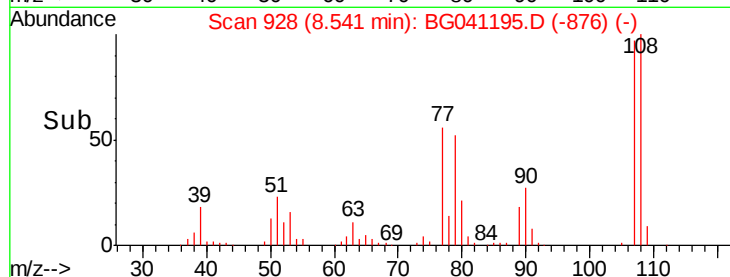
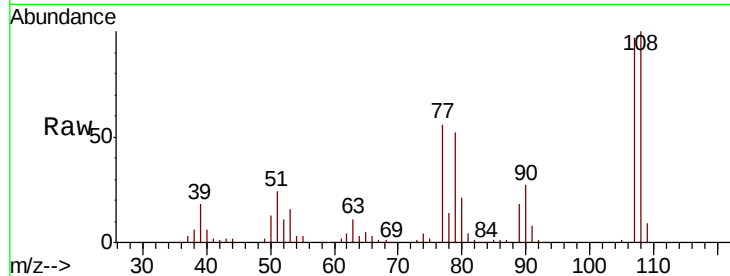
#17
2-Methylphenol
Concen: 46.746 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.1	87.7	131.5	
77	57.4	46.6	70.0	
79	53.7	44.6	66.8	

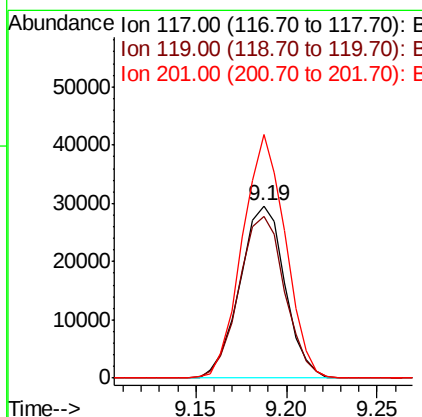
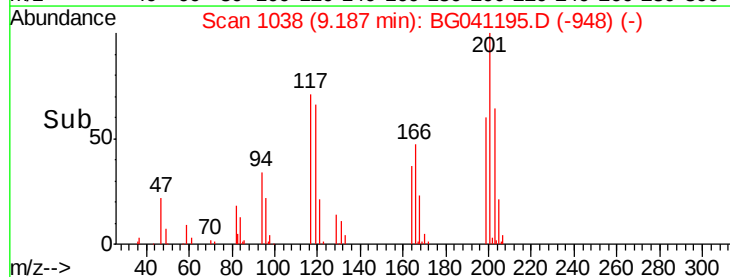
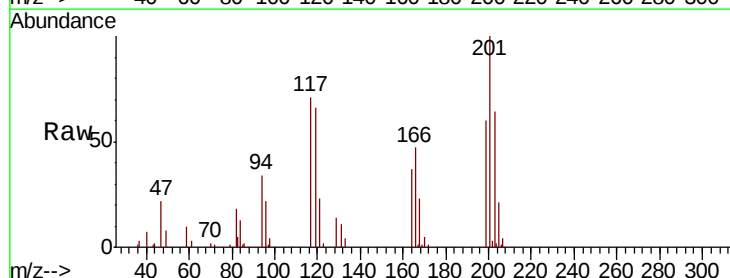
Manual Integrations
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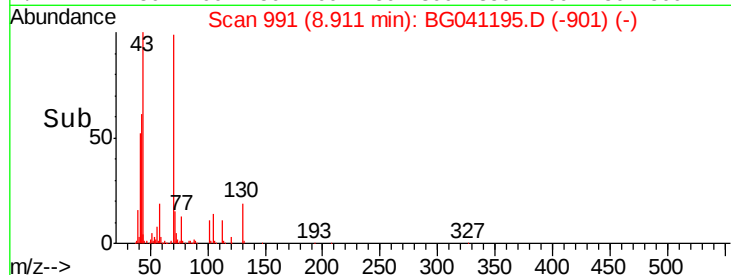
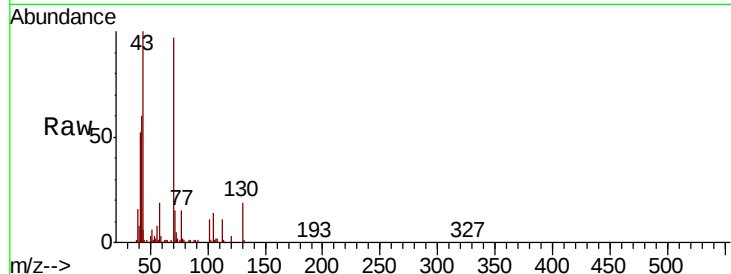
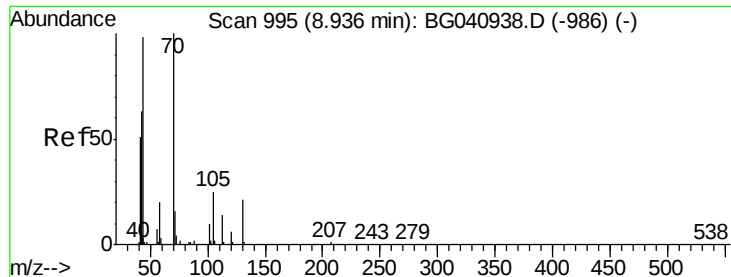
mohammad
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#18
Hexachloroethane
Concen: 41.539 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	75.0	112.6	
201	141.2	103.5	155.3	





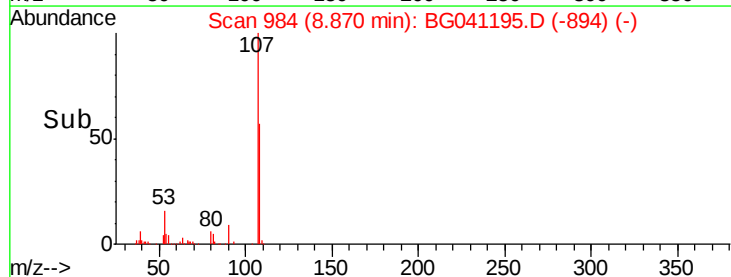
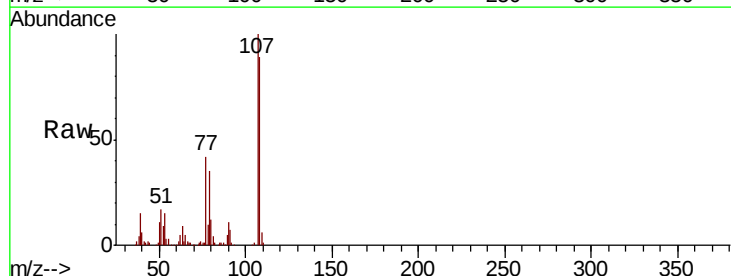
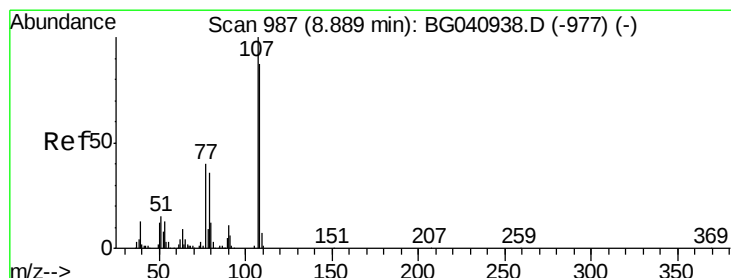
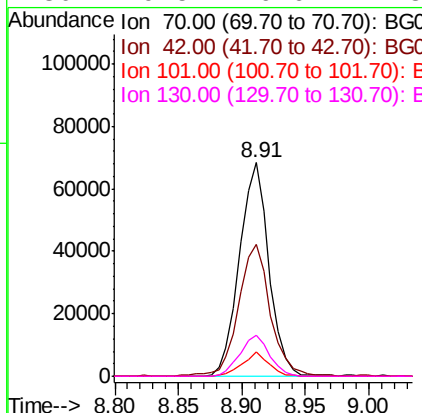
#19
n-Nitroso-di-n-propylamine
Concen: 41.815 ng
RT: 8.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.5	51.5	77.3		
101	11.5	8.1	12.1		
130	19.5	16.6	24.8		

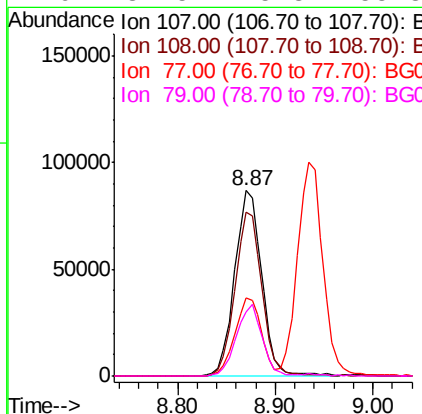
Manual Integrations
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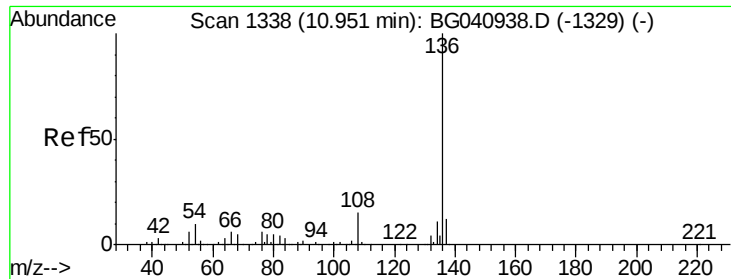
mohammad
6/14/2019 8:38:38 AM



#20
3+4-Methylphenols
Concen: 45.792 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.7	66.8	106.8		
77	42.1	20.5	60.5		
79	34.5	15.8	55.8		





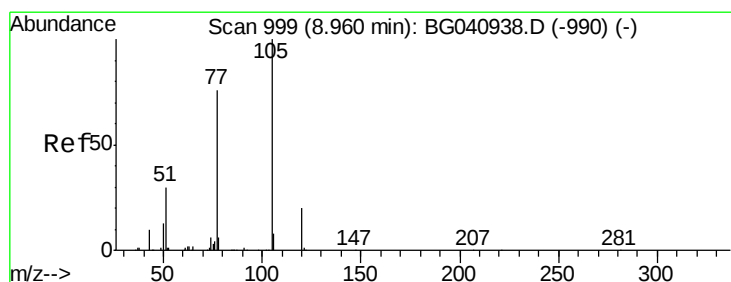
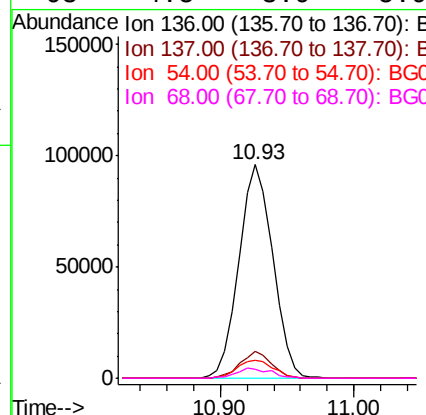
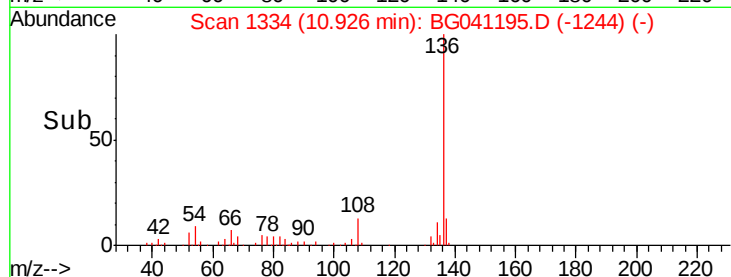
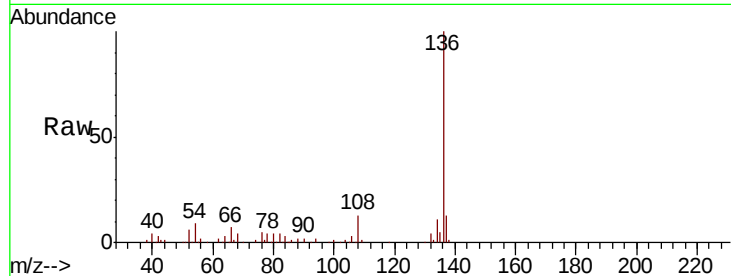
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		169046		
137	12.6		9.5	14.3	
54	8.5		7.6	11.4	
68	4.5		3.9	5.9	

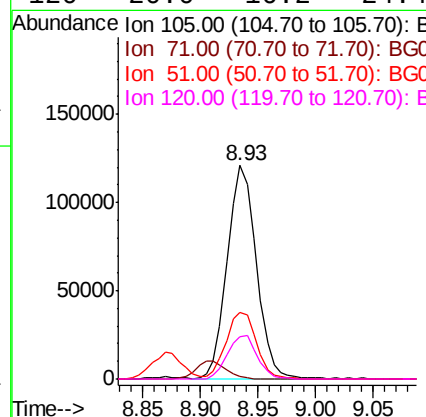
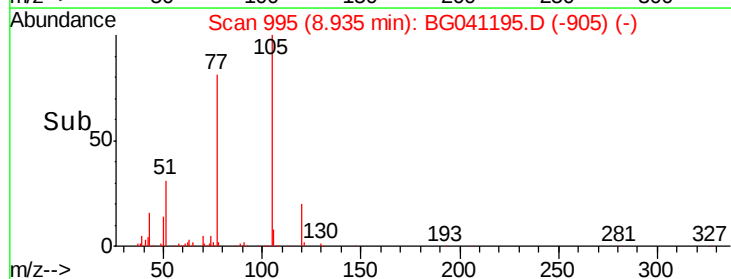
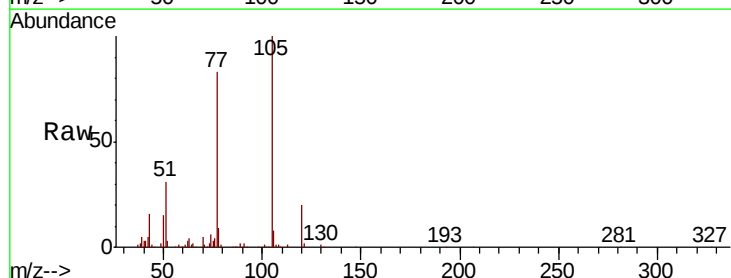
Manual Integrations
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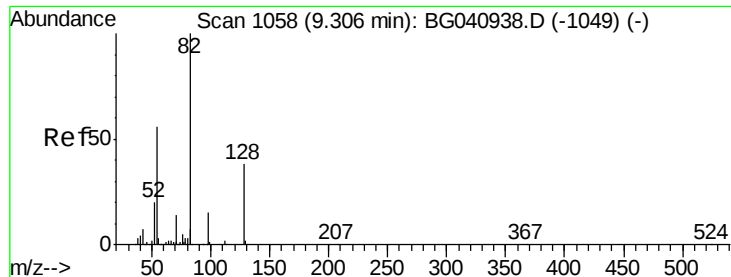
mohammad
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#22
Acetophenone
Concen: 44.571 ng
RT: 8.93 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		211359		
71	1.0		0.4	0.6#	
51	31.1		27.0	40.6	
120	20.0		16.2	24.4	





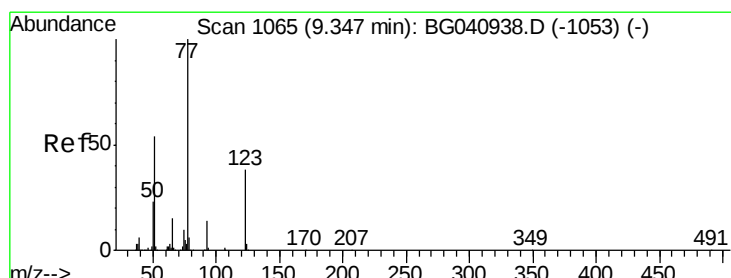
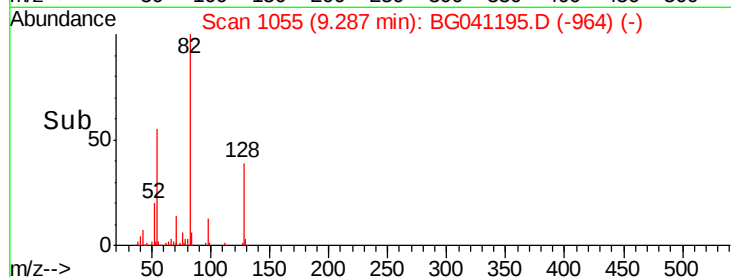
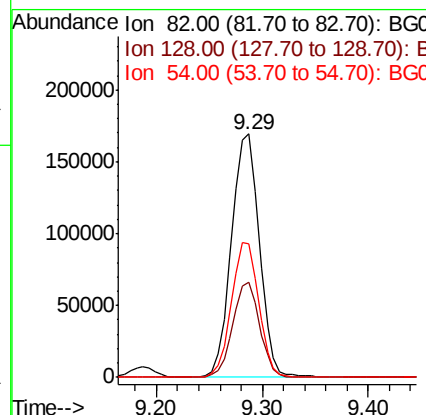
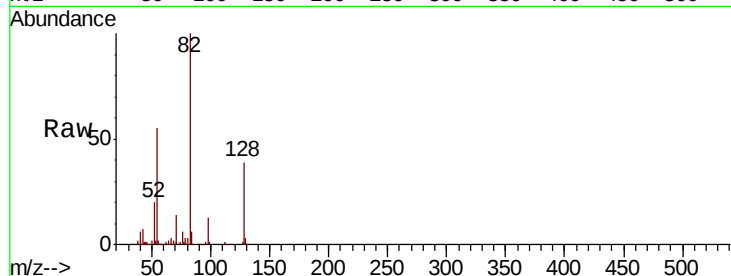
#23
Nitrobenzene-d5
Concen: 81.258 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	30.5	45.7
54	55.0	44.6	66.8

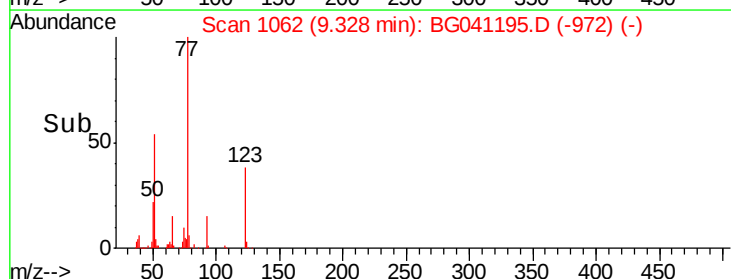
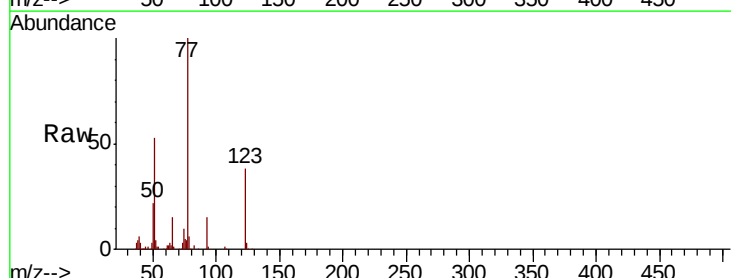
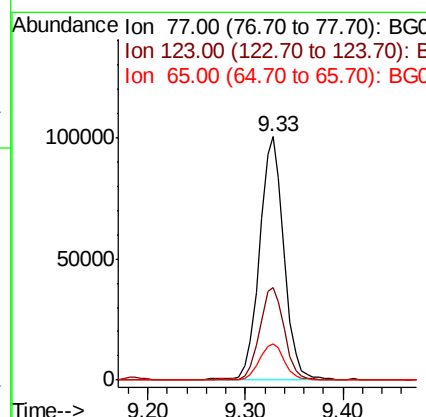
Manual Integrations
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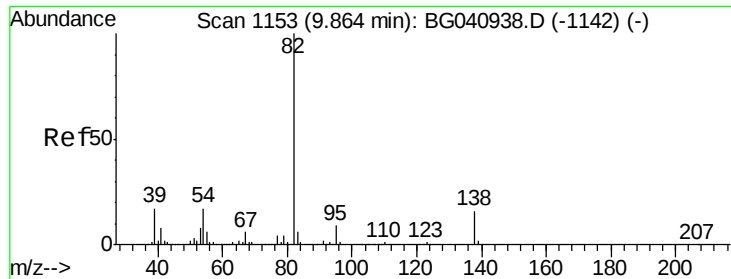
mohammad
6/14/2019 8:38:38 AM



#24
Nitrobenzene
Concen: 45.540 ng
RT: 9.33 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.0	30.6	46.0
65	14.7	12.3	18.5





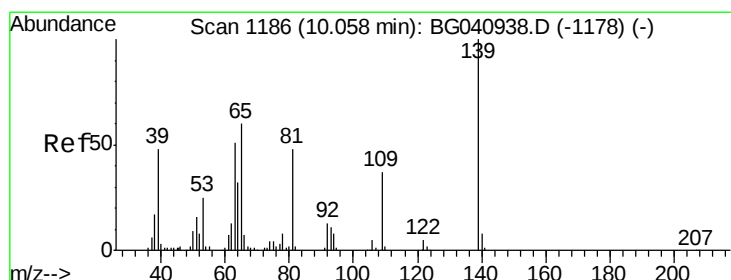
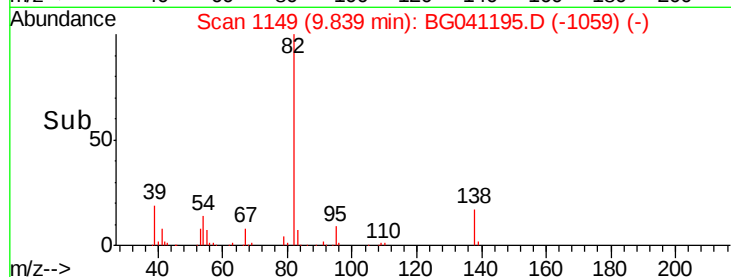
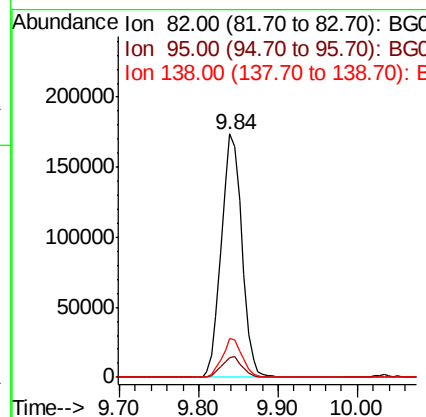
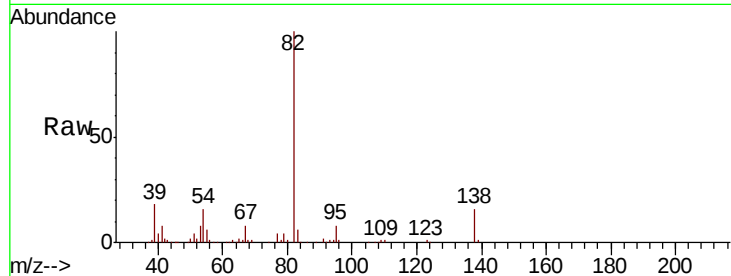
#25
Isophorone
Concen: 43.114 ng
RT: 9.84 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	7.0	10.4	
138	15.7	12.6	19.0	

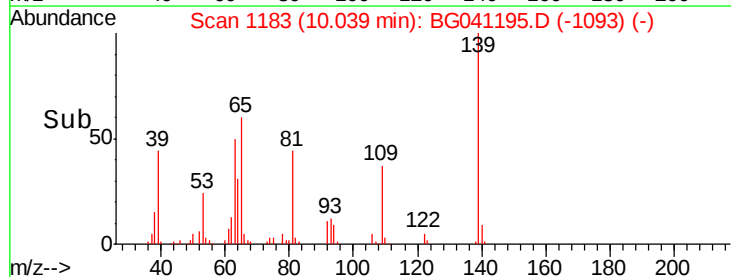
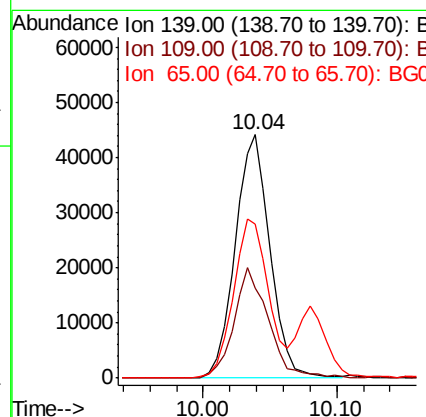
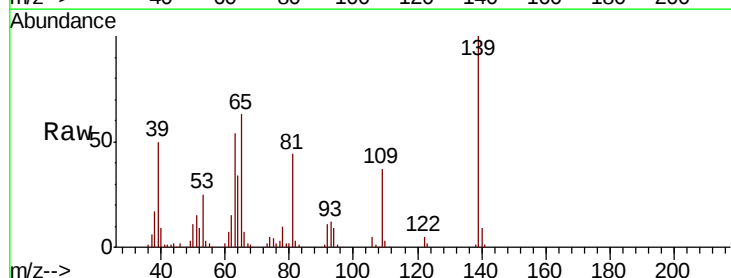
Manual Integrations
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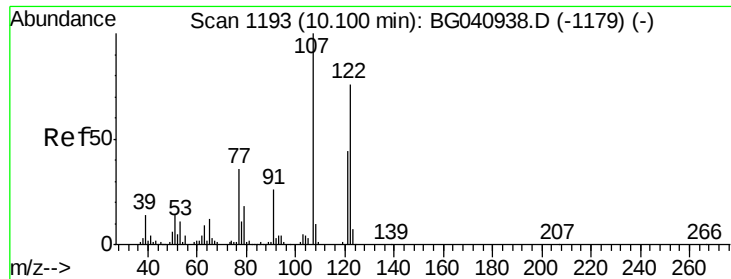
mohammad
6/14/2019 8:38:38 AM



#26
2-Nitrophenol
Concen: 49.808 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.2	29.8	44.6	
65	63.3	47.8	71.6	





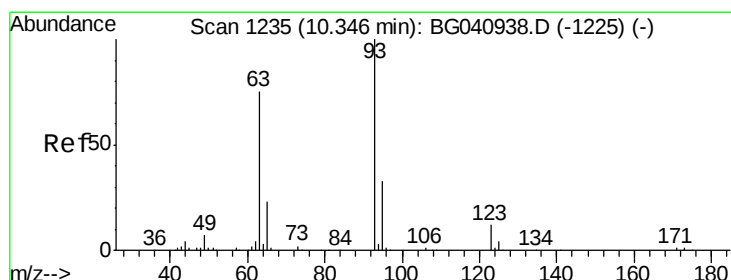
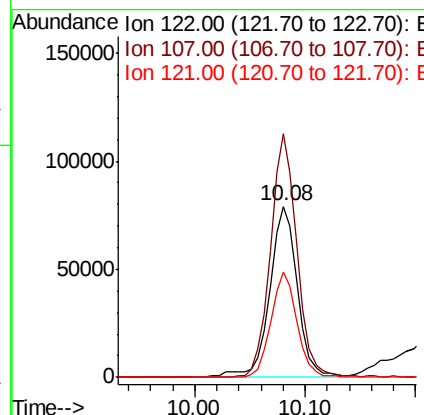
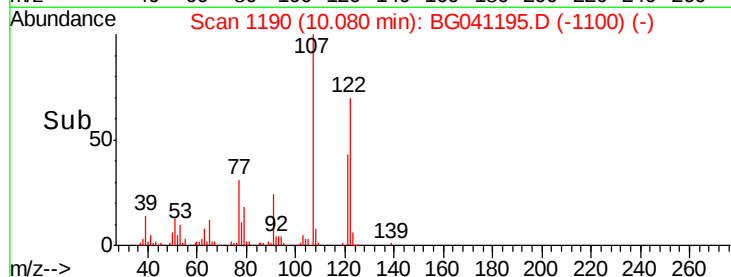
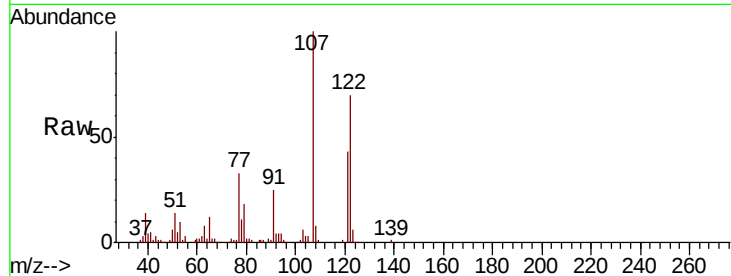
#27
2,4-Dimethylphenol
Concen: 52.633 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.6	105.9	158.9
121	62.0	46.2	69.4

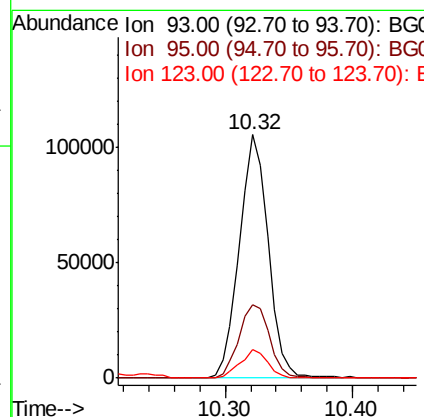
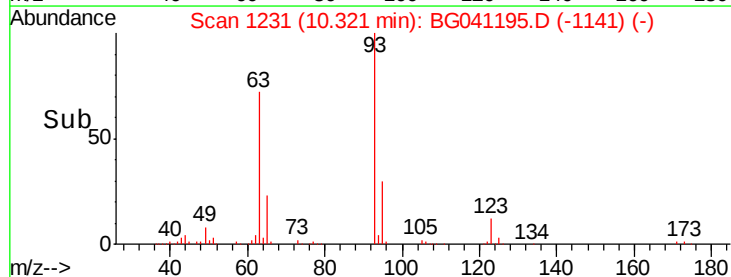
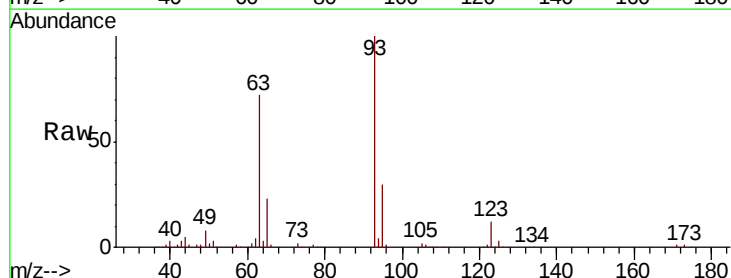
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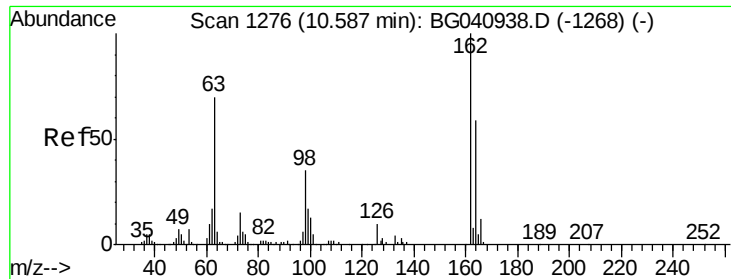
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.558 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.2	26.2	39.2
123	11.6	9.5	14.3





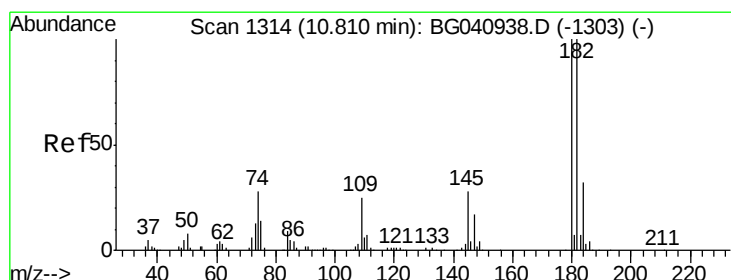
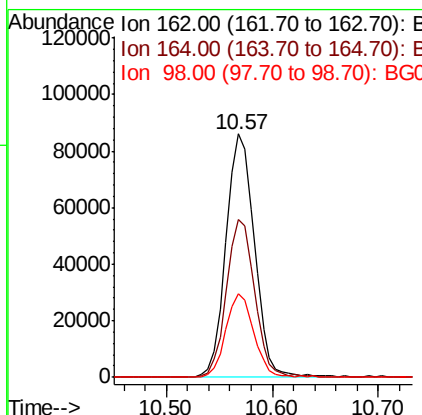
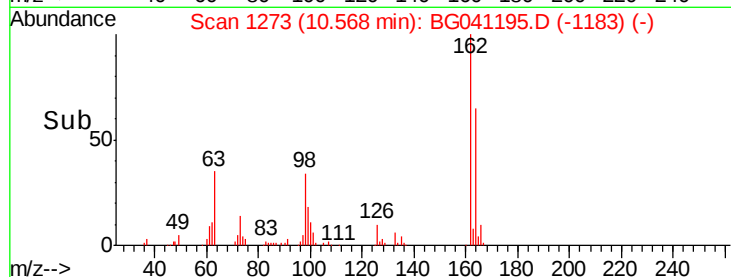
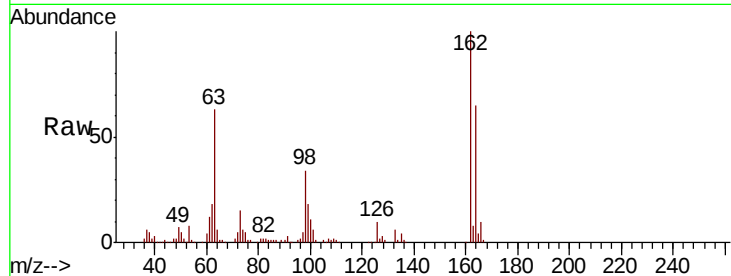
#29
 2,4-Dichlorophenol
 Concen: 47.985 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	160998		
164	65.1	39.4	79.4	
98	34.3	15.3	55.3	

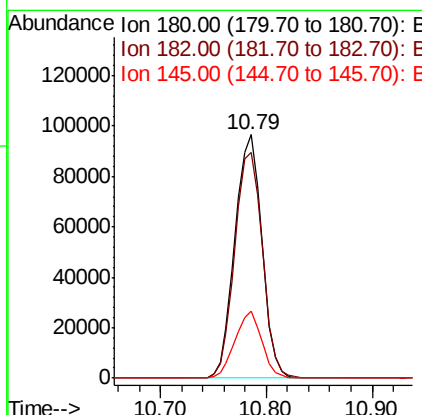
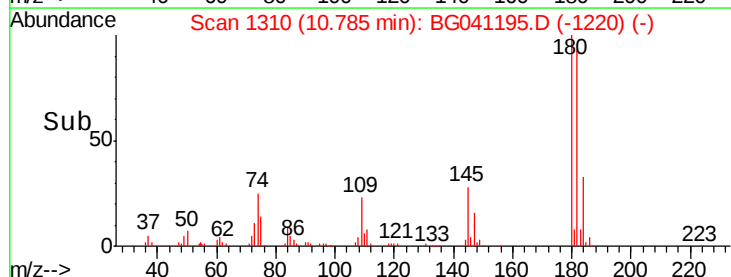
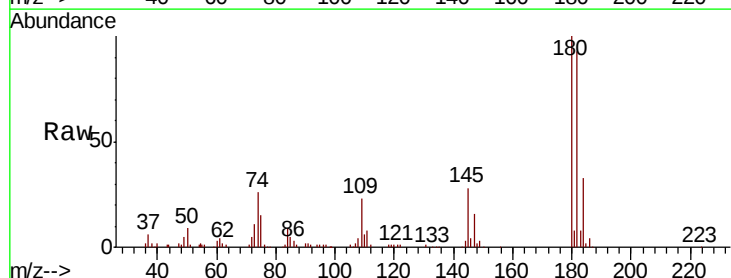
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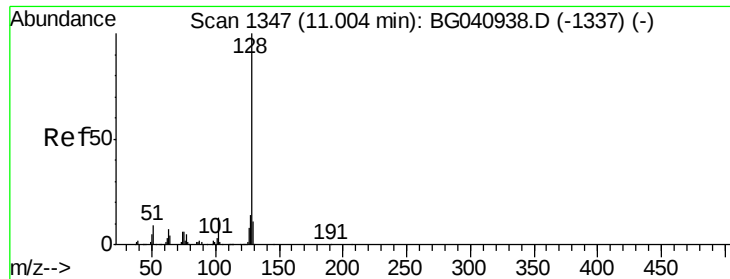
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.754 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	170816		
182	92.9	79.7	119.5	
145	27.5	22.6	34.0	





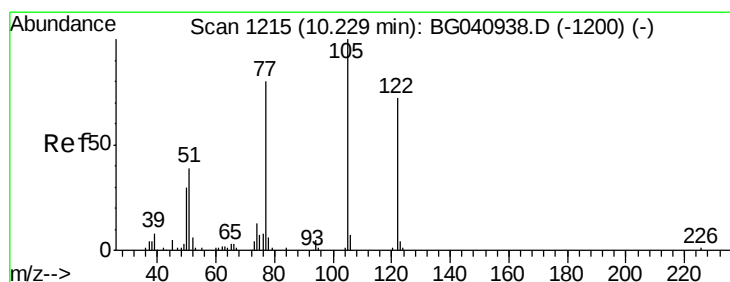
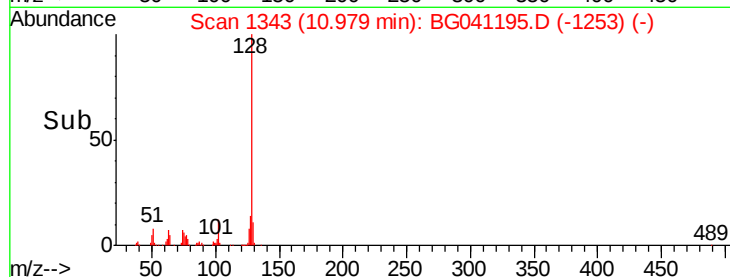
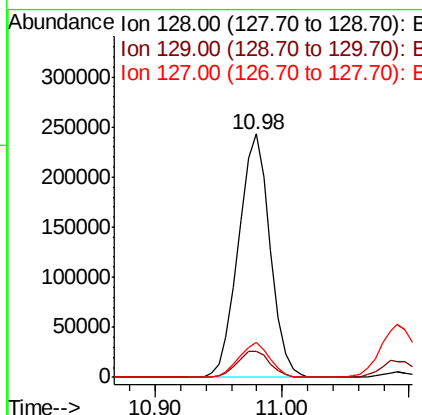
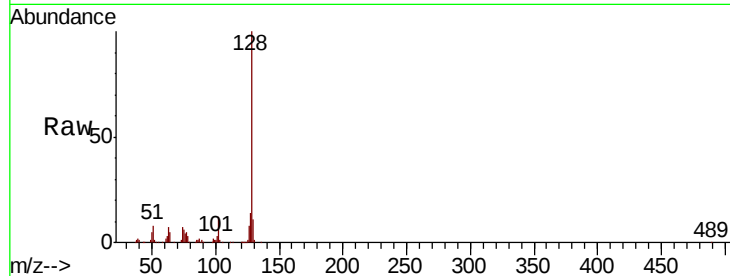
#31
Naphthalene
Concen: 46.265 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.5	12.7
127	14.3	11.4	17.2

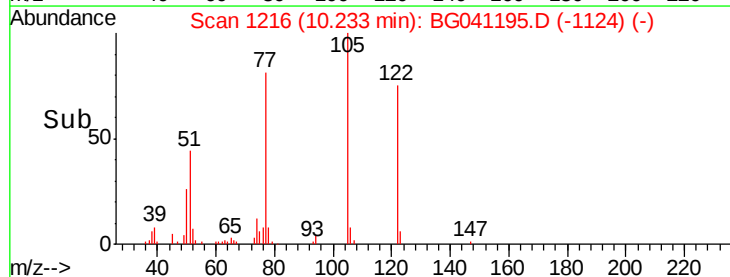
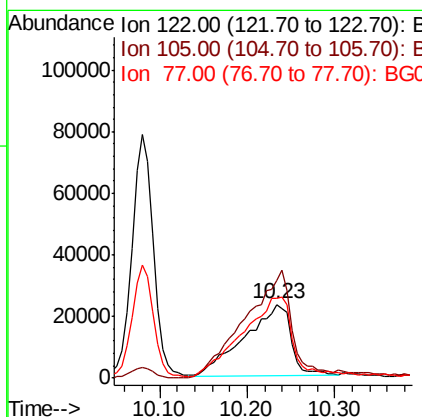
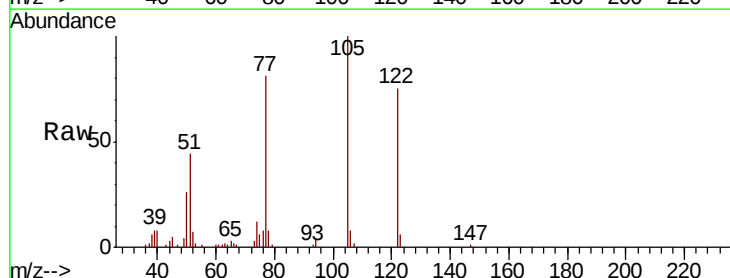
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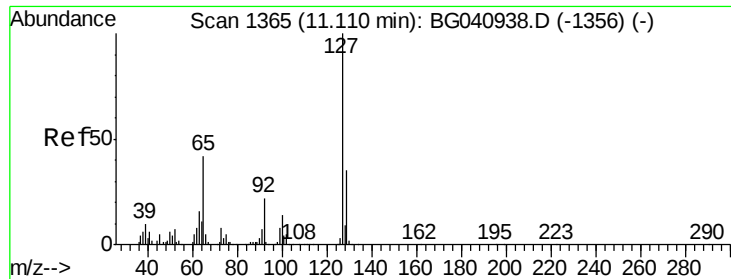
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#32
Benzoic acid
Concen: 42.768 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.7	114.8	154.8
77	108.0	89.9	129.9





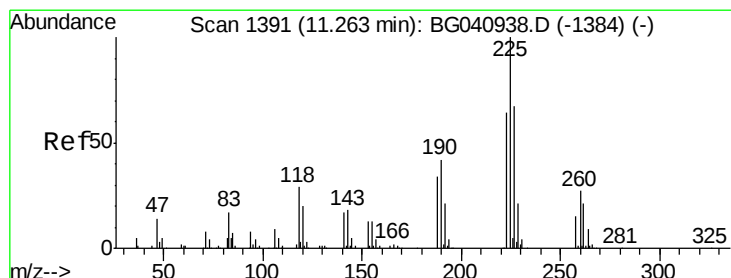
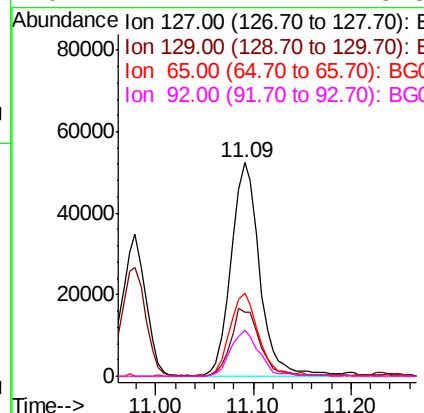
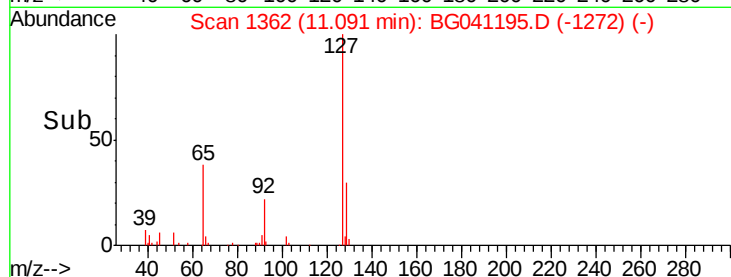
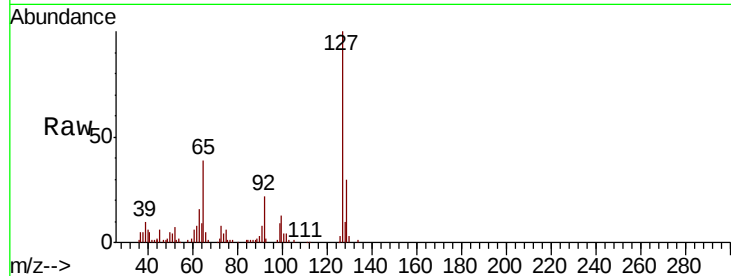
#33
4-Chloroaniline
Concen: 25.369 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.2	27.7	41.5	
65	38.7	33.2	49.8	
92	21.7	17.2	25.8	

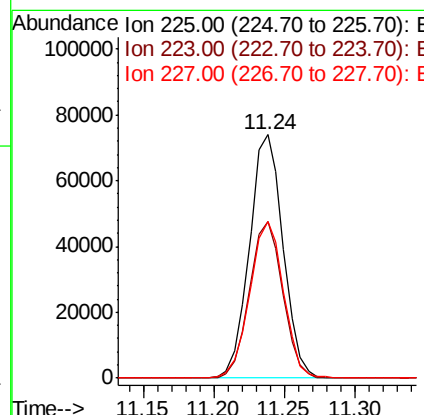
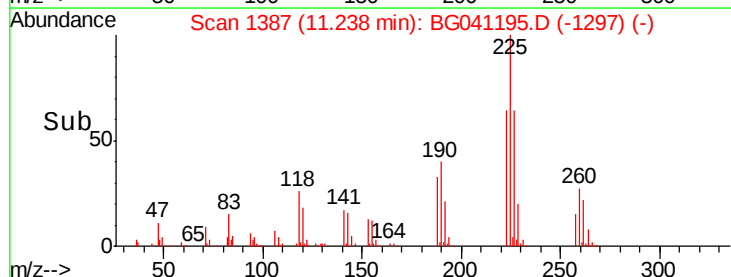
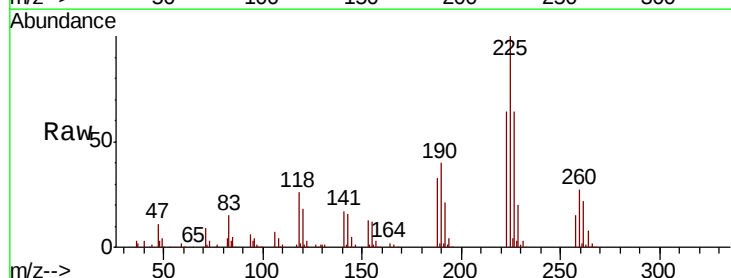
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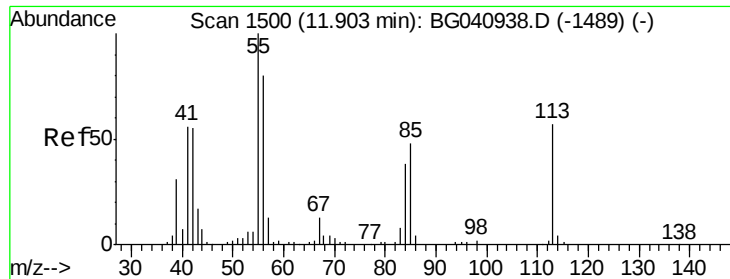
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#34
Hexachlorobutadiene
Concen: 42.337 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	48.8	73.2	
227	67.4	51.4	77.0	





#35

Caprolactam

Concen: 45.037 ng/mL

RT: 11.89 min Scan# 1498

Delta R.T. 0.01 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

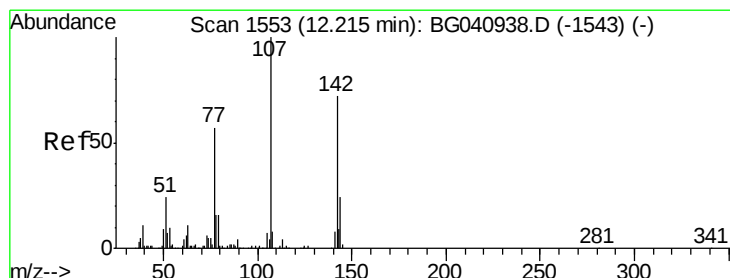
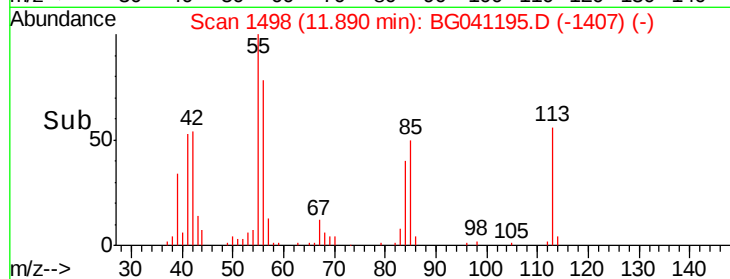
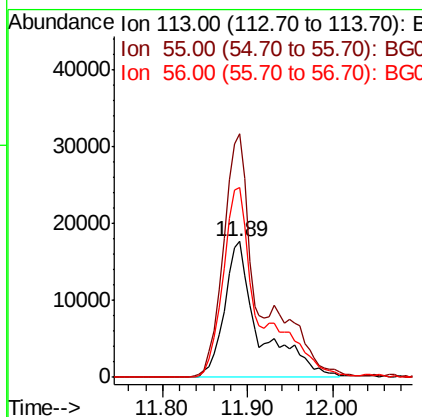
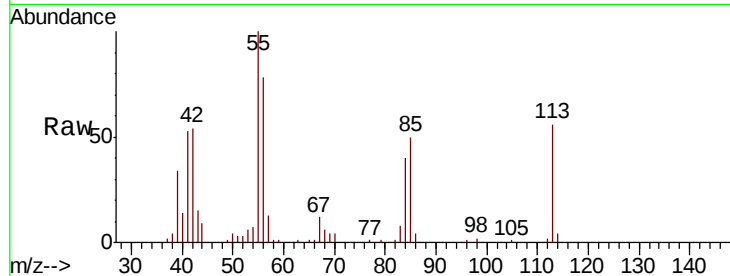
ClientSampleId :

PB120503BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	179.6		155.9	195.9	
56	139.7		119.9	159.9	

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#36

4-Chloro-3-methylphenol

Concen: 47.646 ng/mL

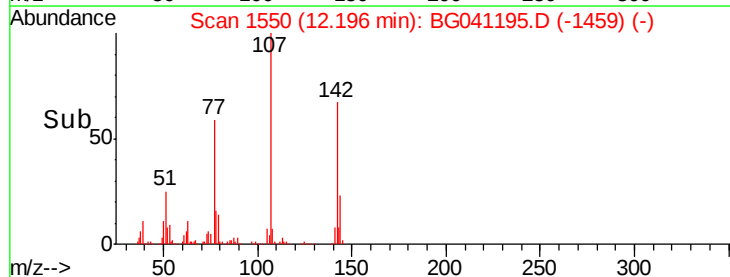
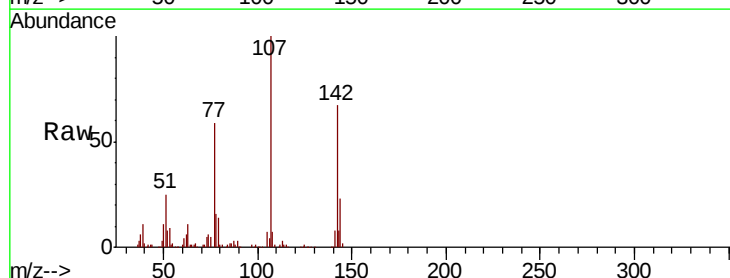
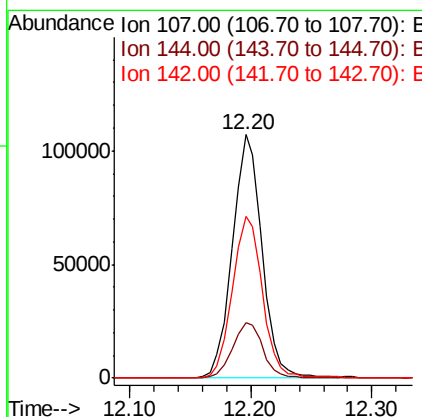
RT: 12.20 min Scan# 1550

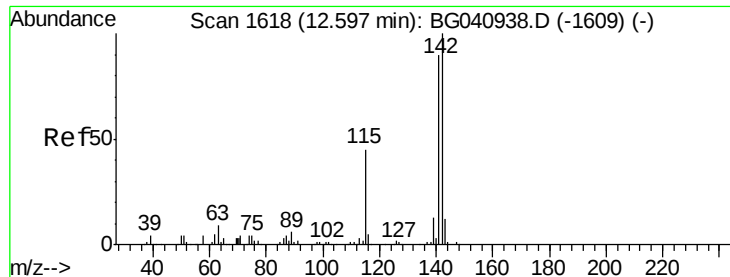
Delta R.T. 0.01 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.8		19.4	29.0	
142	66.6		57.3	85.9	





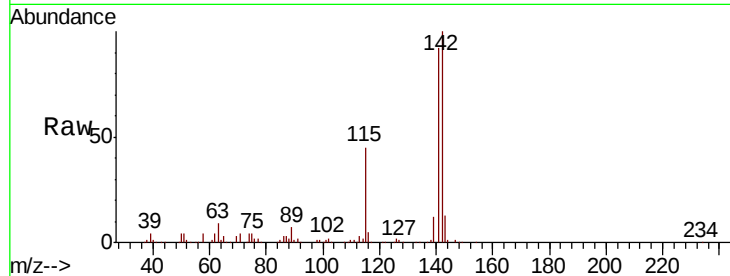
#37
2-Methylnaphthalene
Concen: 47.279 ng
RT: 12.57 min Scan# 1614
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampled :
PB120503BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.4
115	44.6	36.2	54.4

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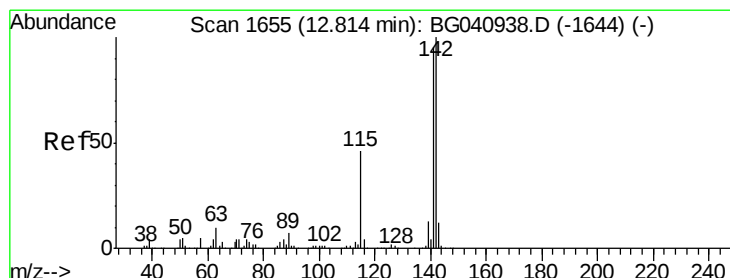
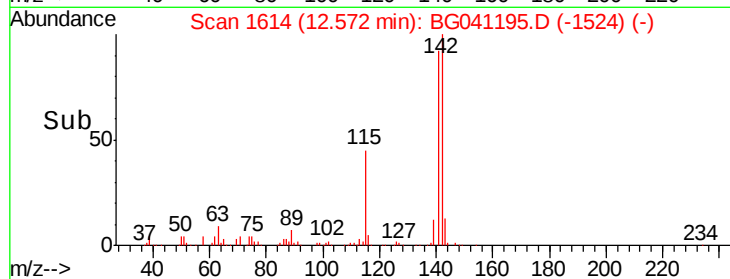
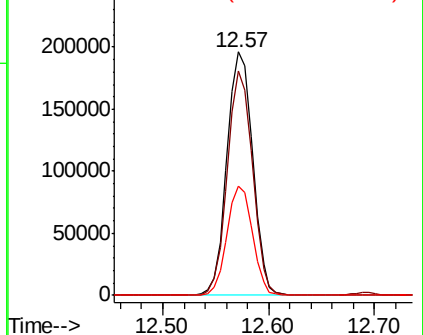


Abundance

Ion 142.00 (141.70 to 142.70): E

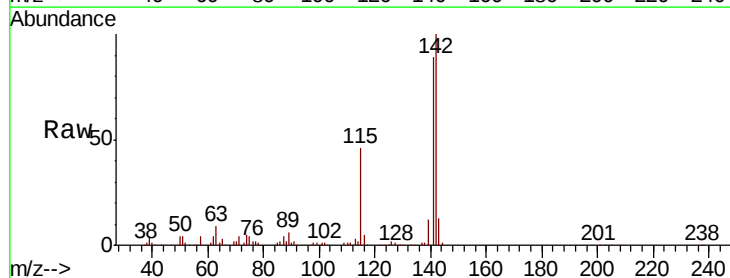
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.543 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	75.7	113.5
116	5.0	3.4	5.2

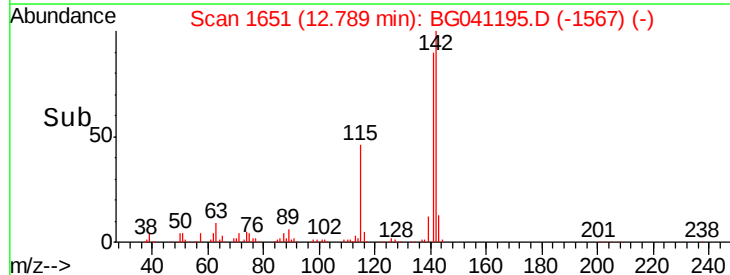
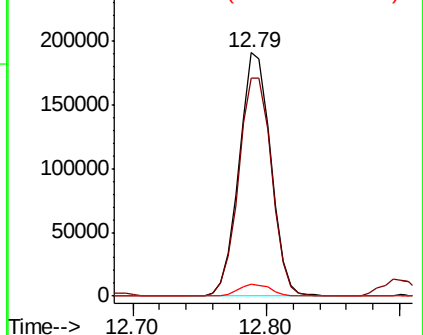


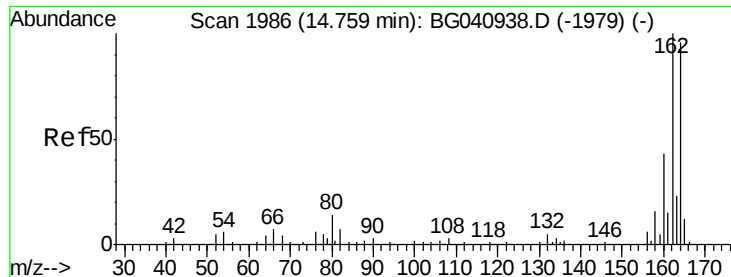
Abundance

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





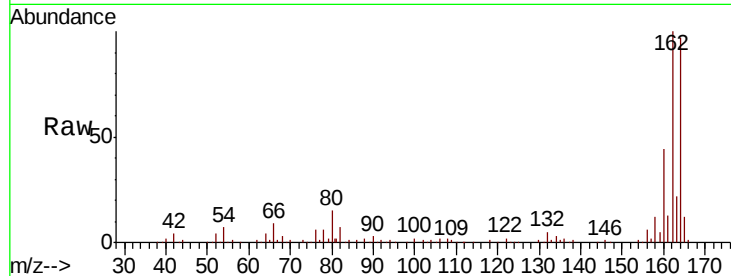
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.4
160	45.2	35.6	53.4

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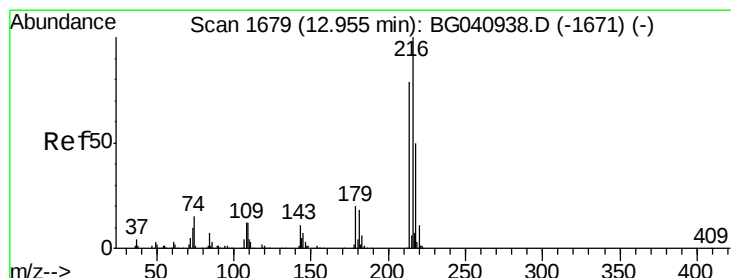
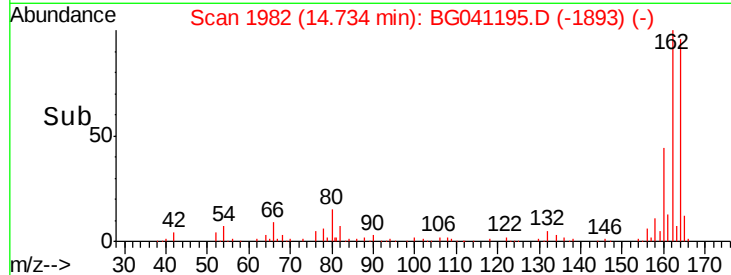
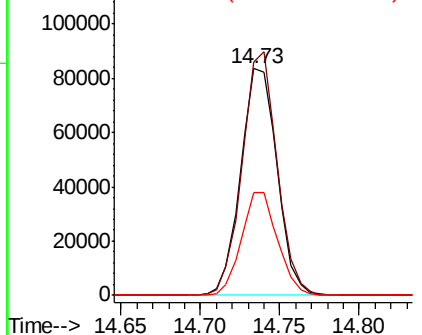


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.888 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	19.1	15.2	22.8
108	16.0	11.4	17.2

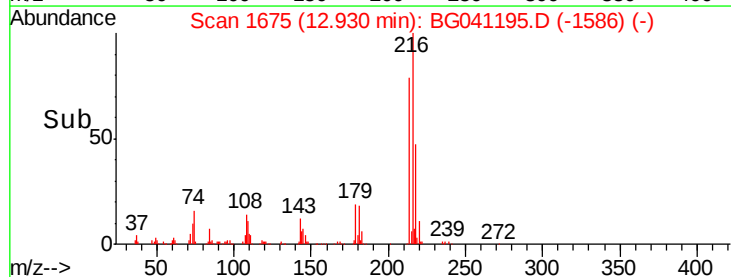
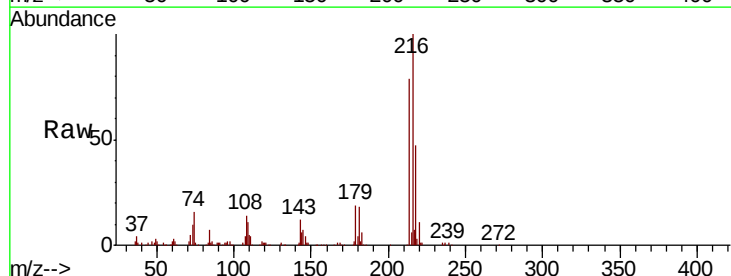
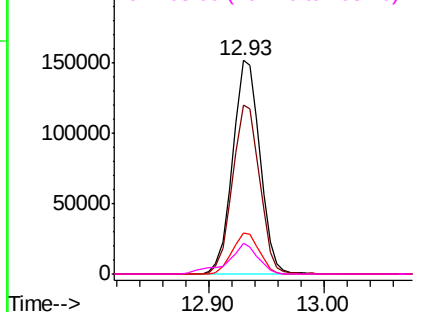
Abundance

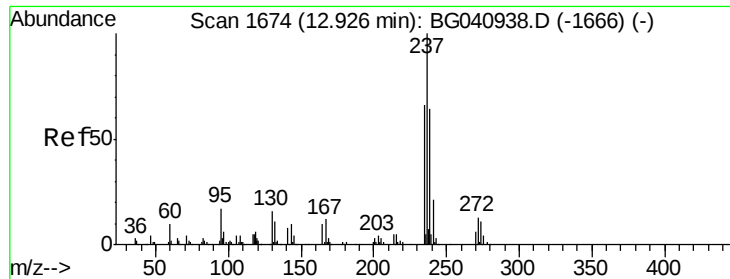
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





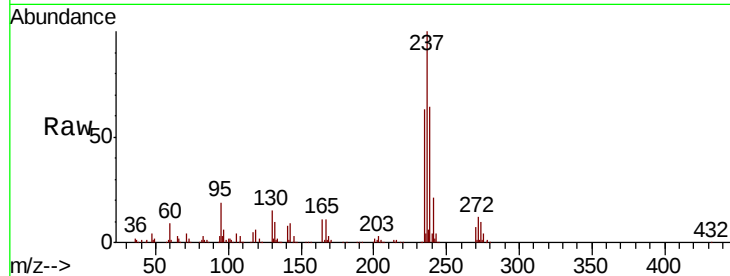
#41
Hexachlorocyclopentadiene
Concen: 79.016 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

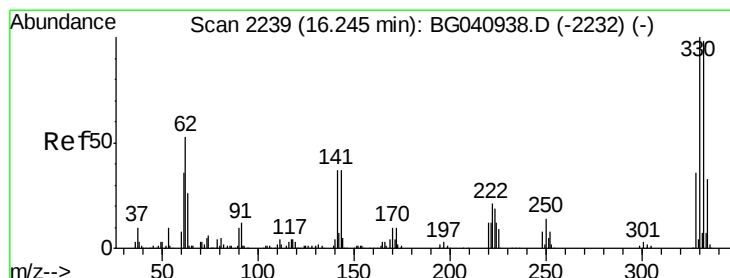
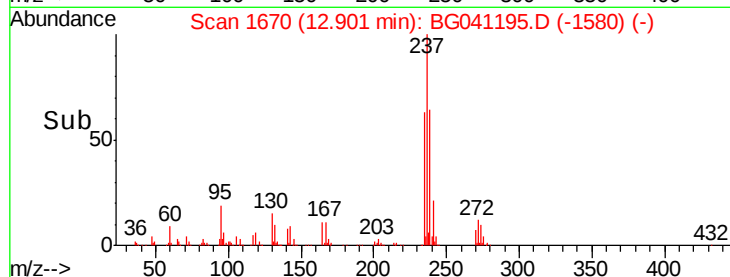
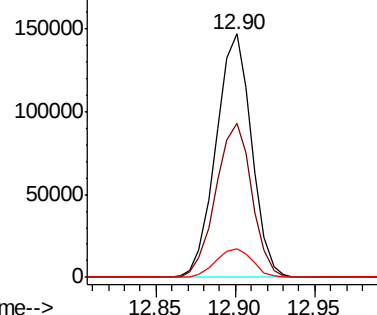
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.3	45.5	85.5	
272	11.8	0.0	32.9	

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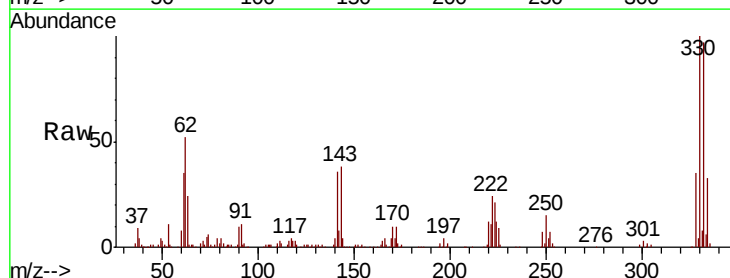


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

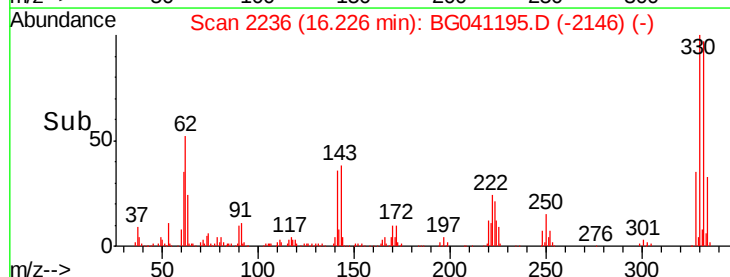
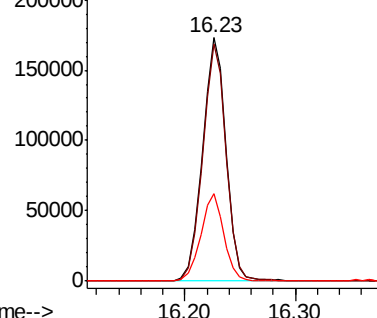


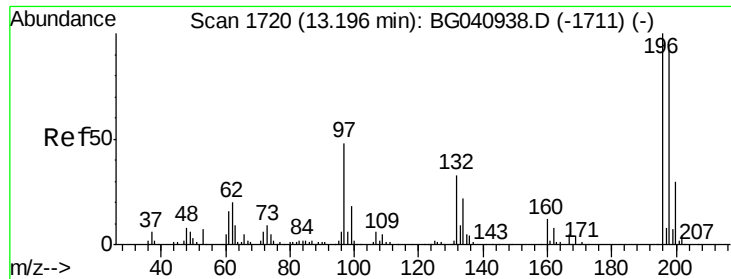
#42
2,4,6-Tribromophenol
Concen: 130.027 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	78.5	117.7	
141	35.4	28.7	43.1	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





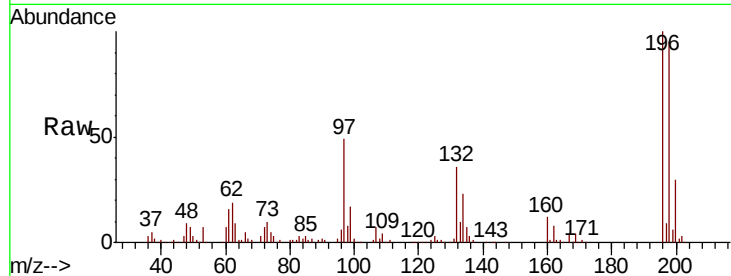
#43
 2,4,6-Trichlorophenol
 Concen: 45.613 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Instrument :
 BNA_G
 ClientSampled :
 PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158942		
198	95.1	73.8	110.6	
200	29.8	24.1	36.1	

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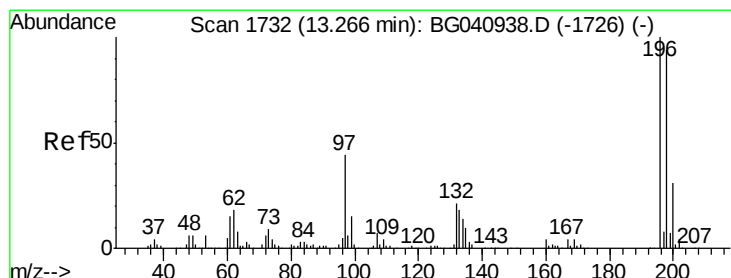
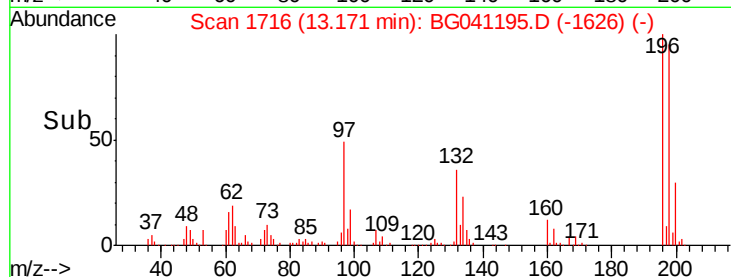
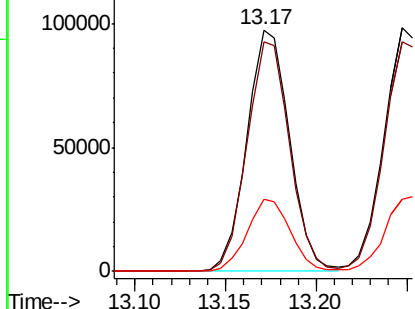


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.192 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169754		
198	94.0	75.1	112.7	
97	45.0	35.6	53.4	
132	22.3	16.7	25.1	

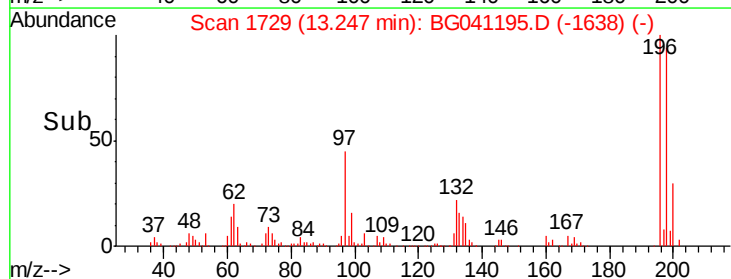
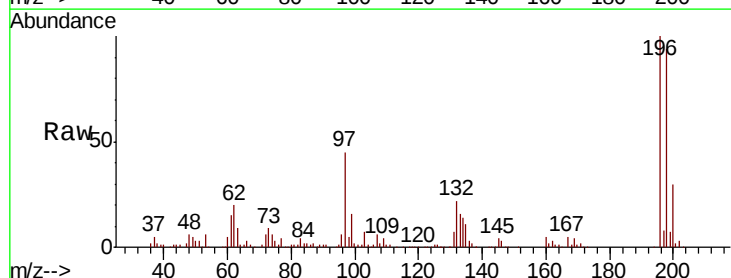
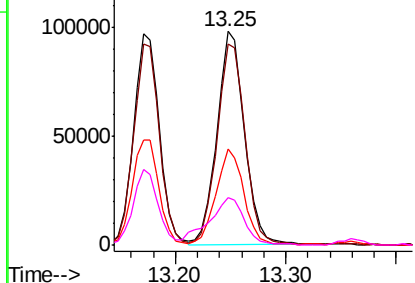
Abundance

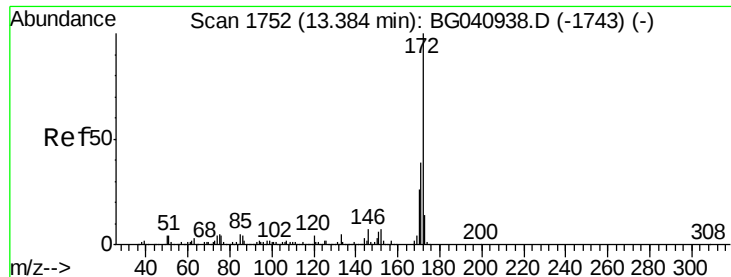
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





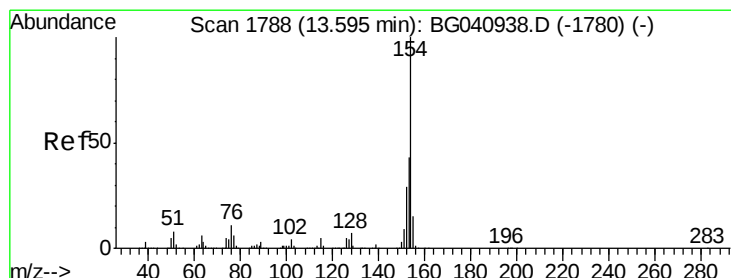
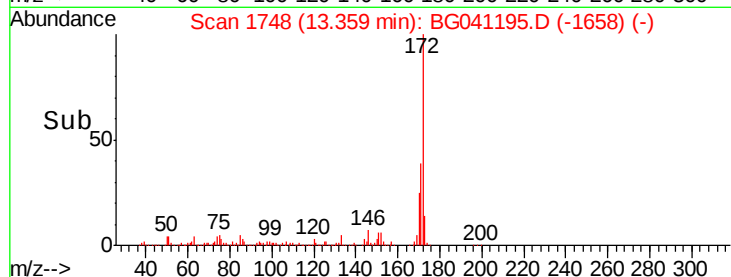
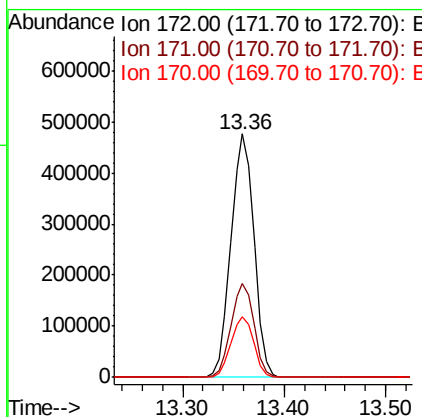
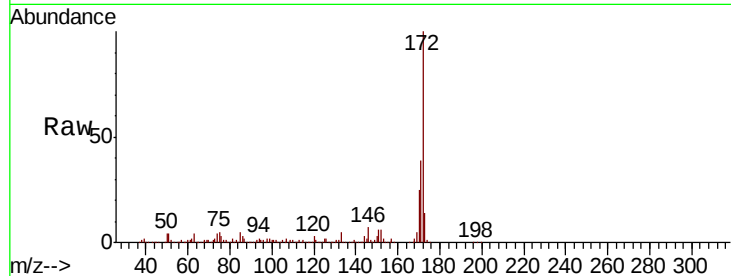
#45
2-Fluorobiphenyl
Concen: 80.831 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.1	46.7
170	25.0	20.5	30.7

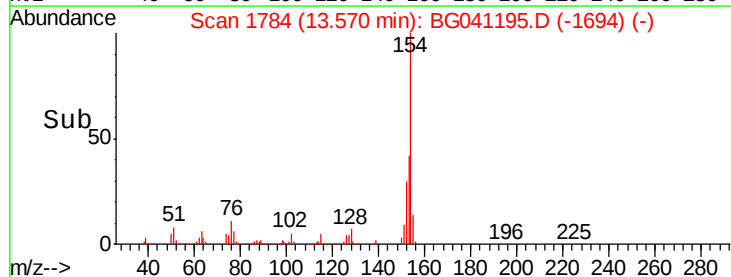
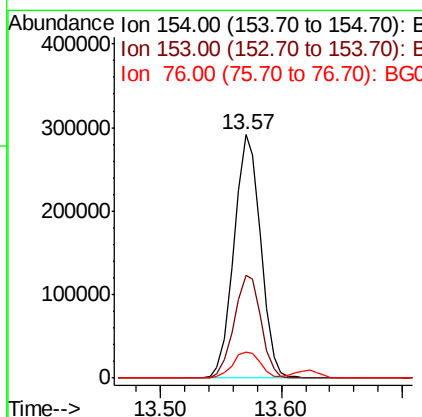
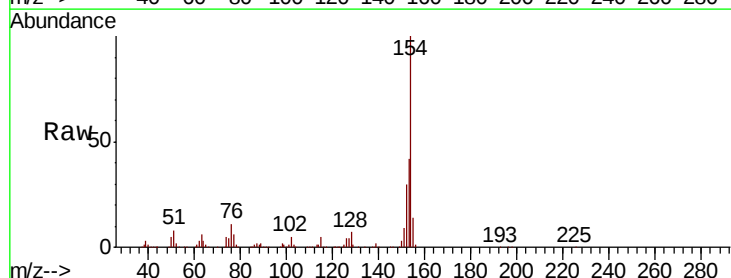
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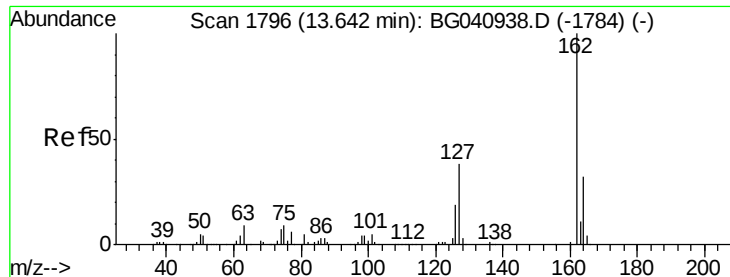
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#46
1,1'-Biphenyl
Concen: 45.354 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	23.3	63.3
76	10.9	0.0	31.1





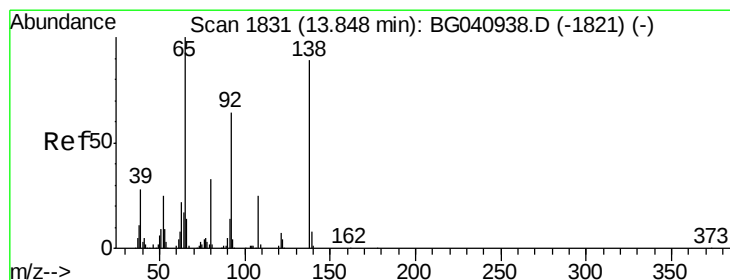
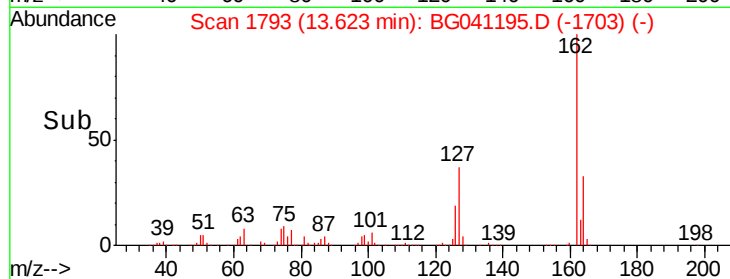
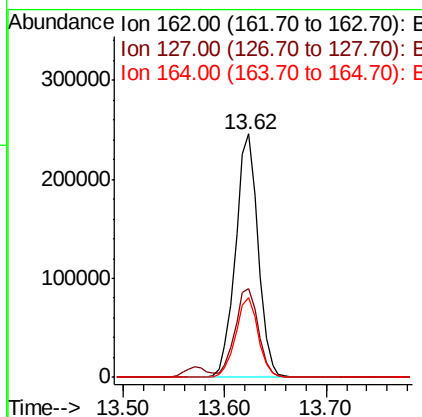
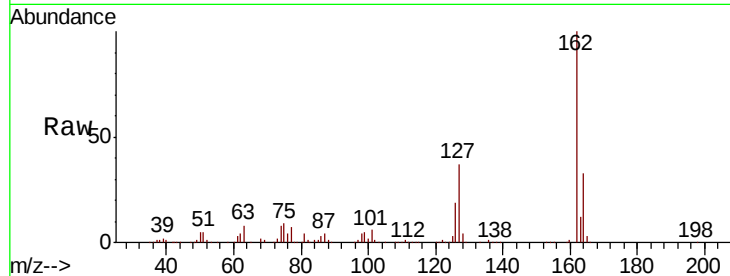
#47
 2-Chloronaphthalene
 Concen: 44.661 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB120503BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.5	45.7
164	32.7	25.8	38.6

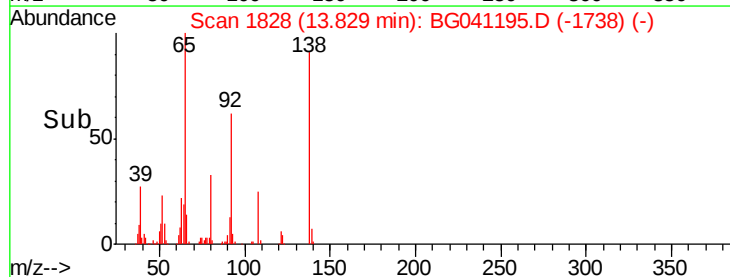
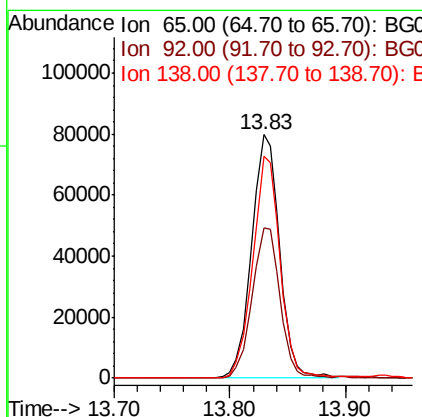
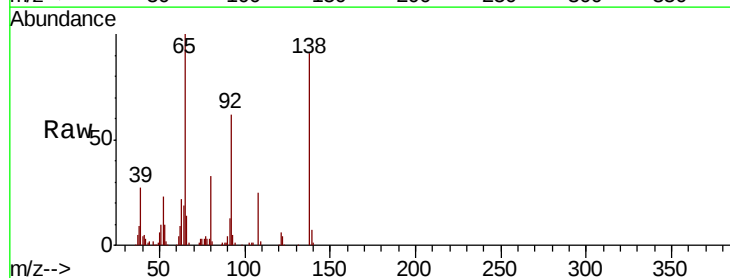
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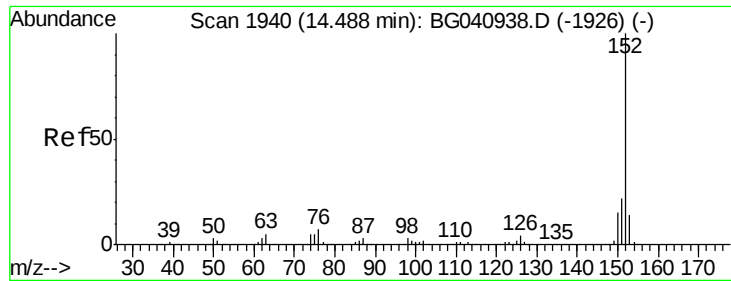
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#48
 2-Nitroaniline
 Concen: 44.365 ng
 RT: 13.83 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.9	51.0	76.6
138	91.0	71.2	106.8





#49

Acenaphthylene

Concen: 45.997 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

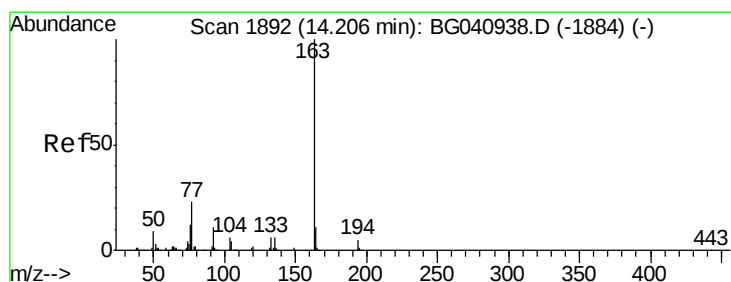
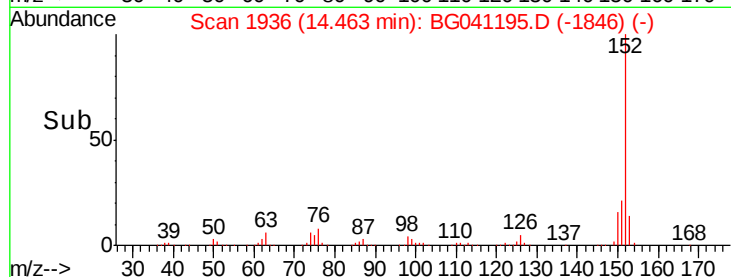
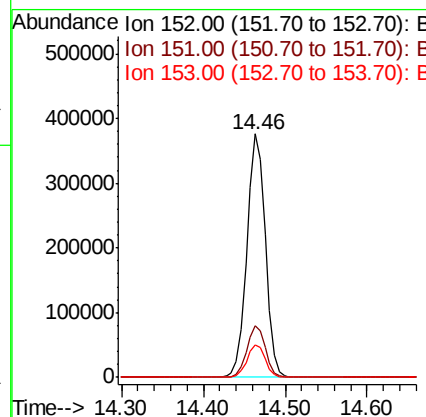
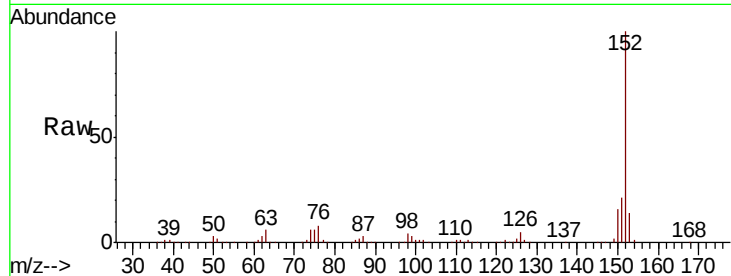
ClientSampleId :

PB120503BS

Tot Ion:	152	Resp:	587913
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.4	26.0
153	13.5	11.0	16.4

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#50

Dimethylphthalate

Concen: 43.061 ng

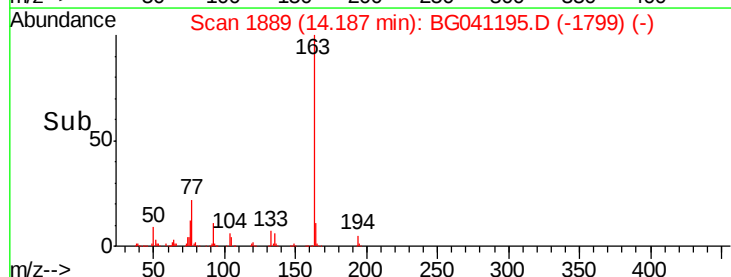
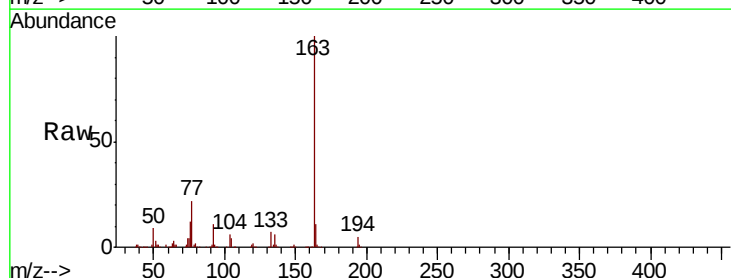
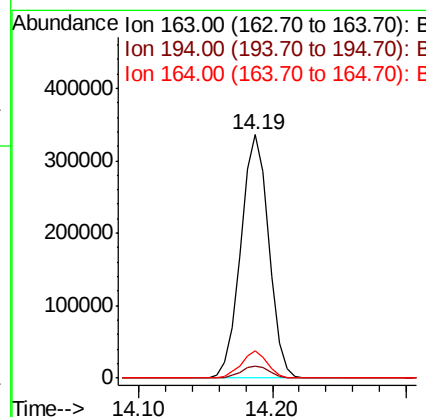
RT: 14.19 min Scan# 1889

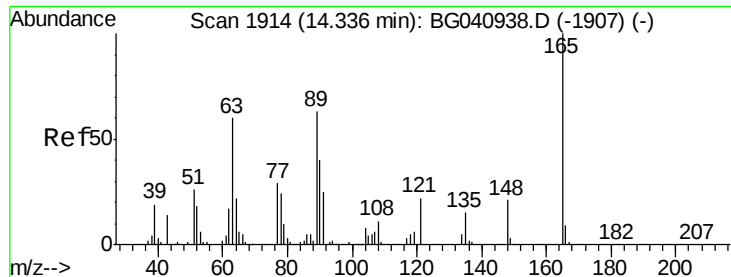
Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	163	Resp:	487134
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	11.0	8.7	13.1





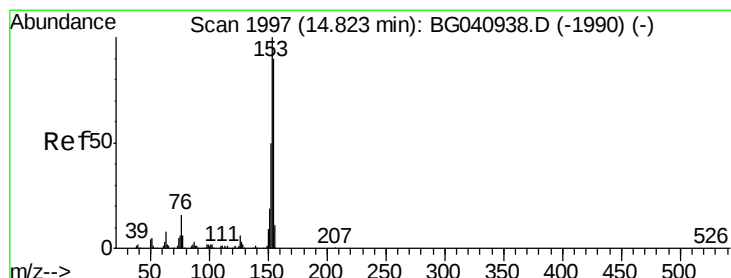
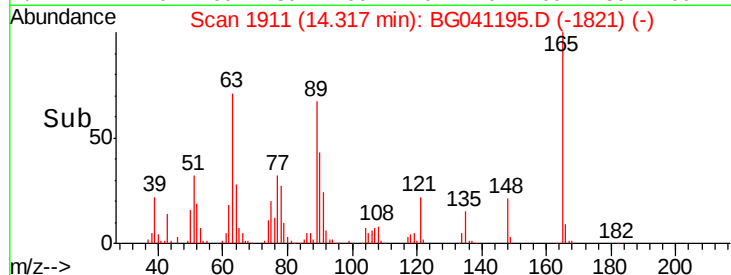
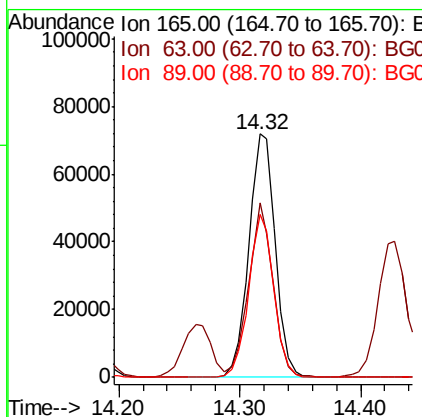
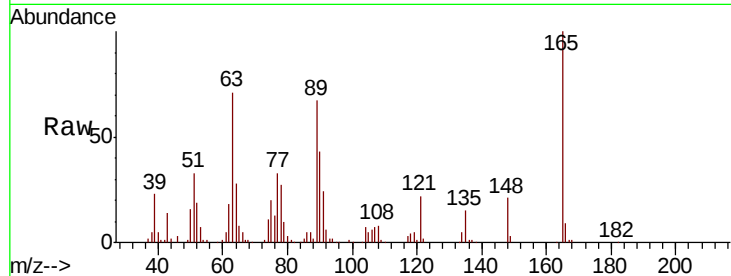
#51
2,6-Dinitrotoluene
Concen: 44.797 ng
RT: 14.32 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109266		
63	71.5	53.6	80.4	
89	67.0	50.4	75.6	

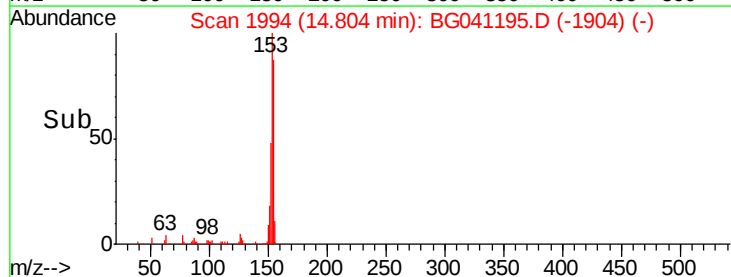
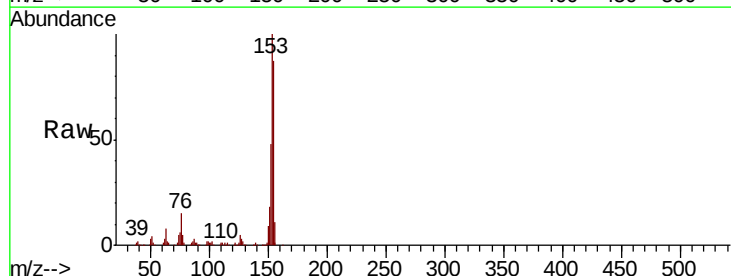
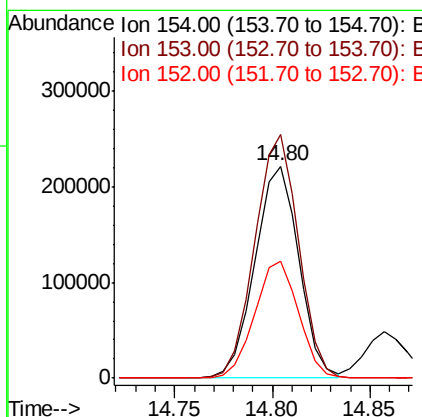
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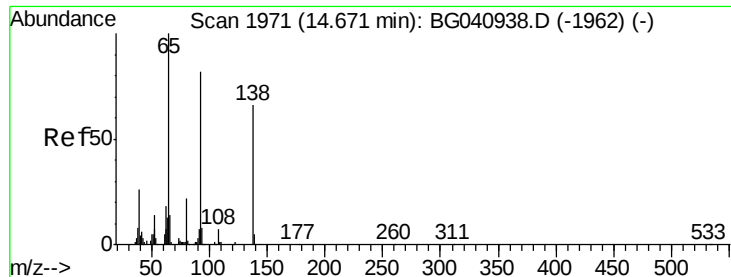
mohammad
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#52
Acenaphthene
Concen: 44.526 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	344768		
153	114.7	88.6	133.0	
152	55.4	44.2	66.4	





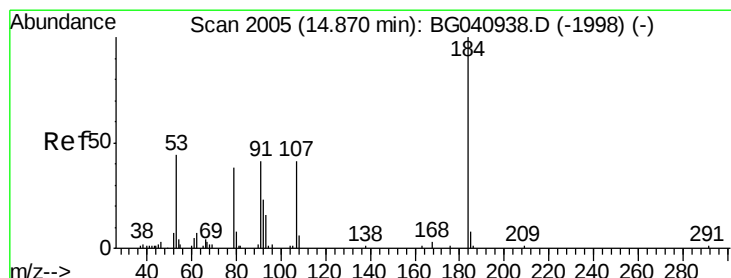
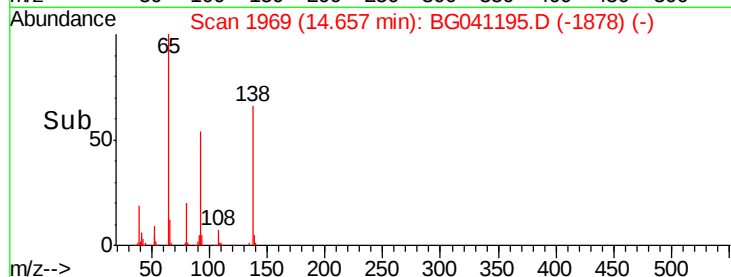
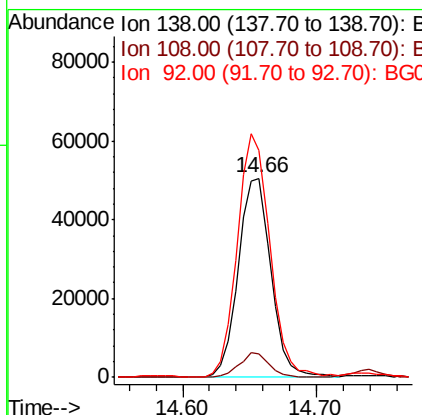
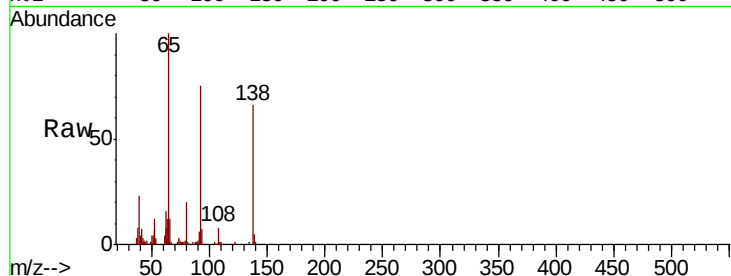
#53
3-Nitroaniline
Concen: 34.989 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	114.2	99.0	148.6

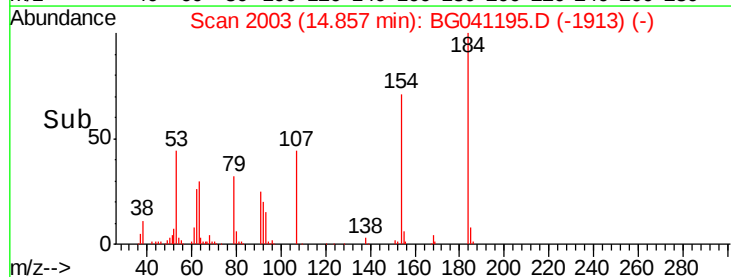
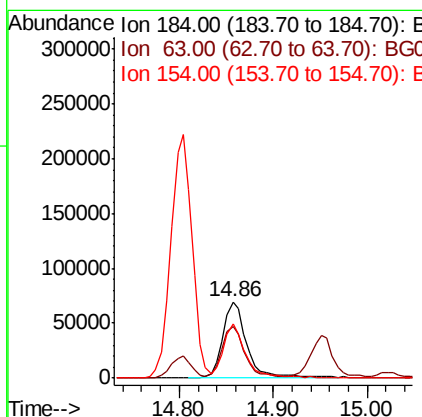
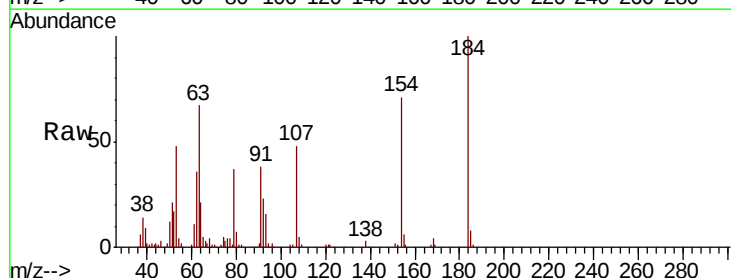
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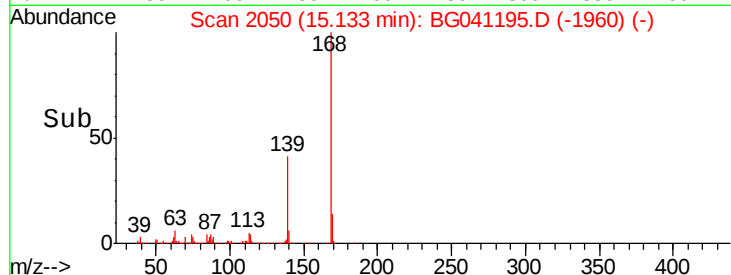
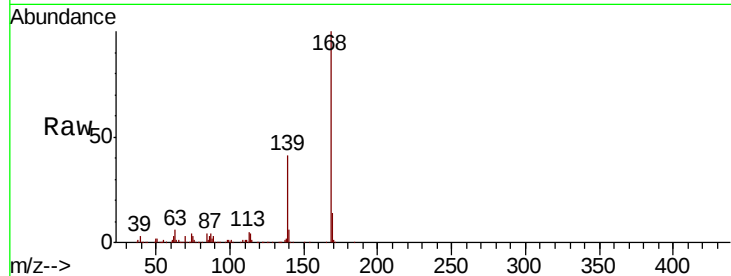
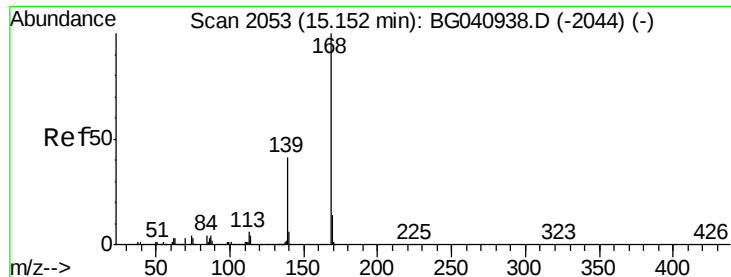
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#54
2,4-Dinitrophenol
Concen: 91.771 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

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





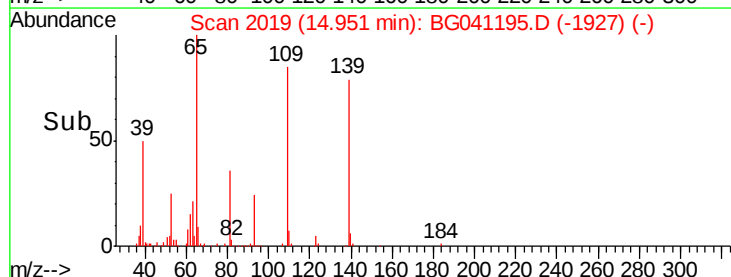
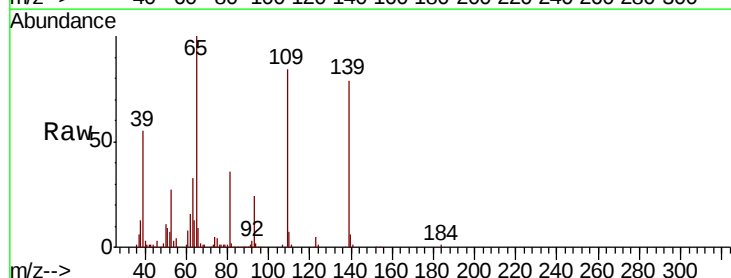
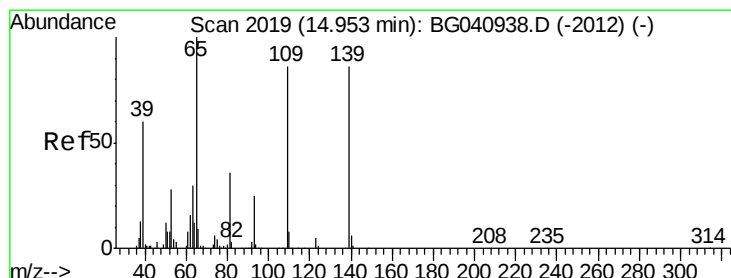
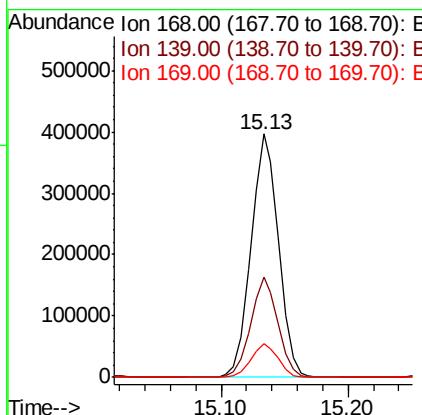
#55
Dibenzofuran
Concen: 45.811 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tot Ion	Ratio	Resp	Lower	Upper
168	100	596868		
139	41.4		32.8	49.2
169	14.0		11.3	16.9

Instrument :
BNA_G
ClientSampleId :
PB120503BS

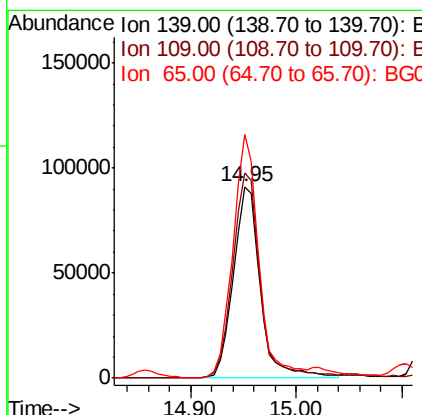
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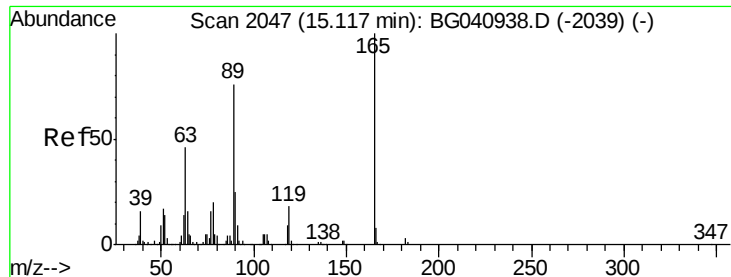
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#56
4-Nitrophenol
Concen: 95.844 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	160343		
109	107.3		79.6	119.6
65	127.1		96.9	136.9





#57

2,4-Dinitrotoluene

Concen: 45.820 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

ClientSampleId :

PB120503BS

Tot Ion:165 Resp: 157872

Ion Ratio Lower Upper

165 100

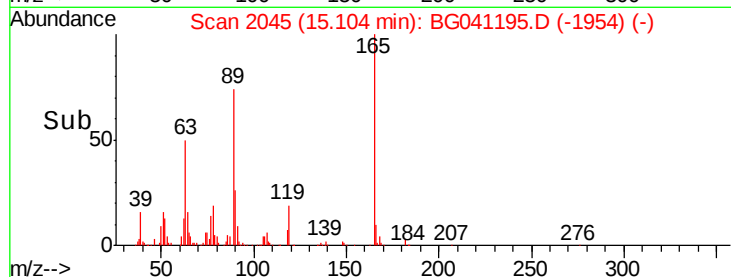
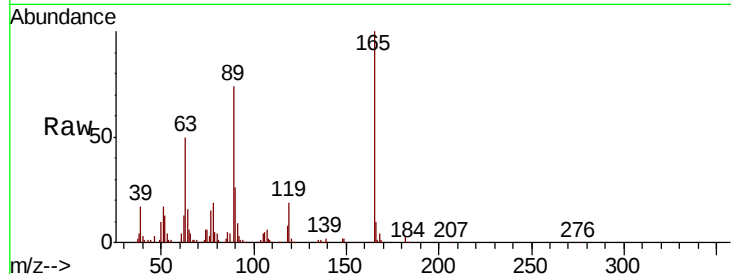
63 50.5 37.3 55.9

89 73.5 61.0 91.6

182 3.2 2.2 3.2#

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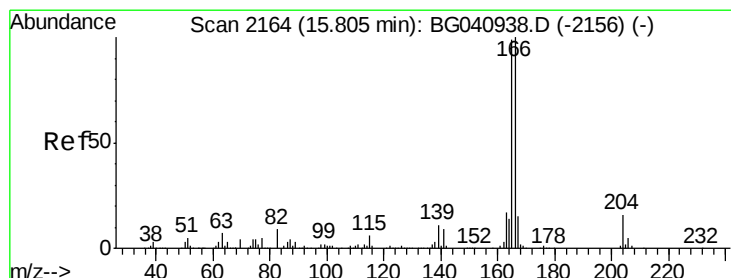
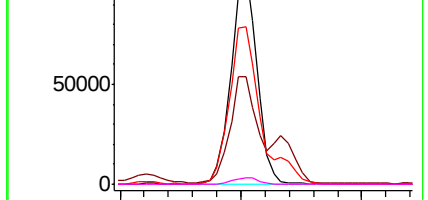


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.128 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

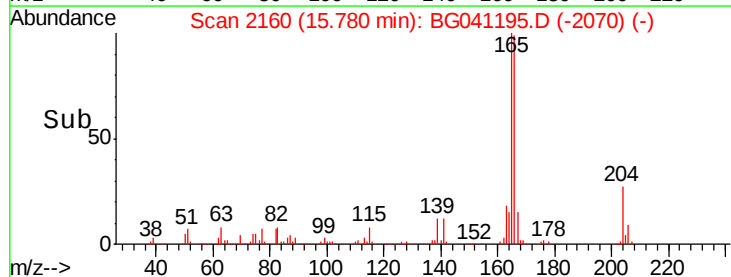
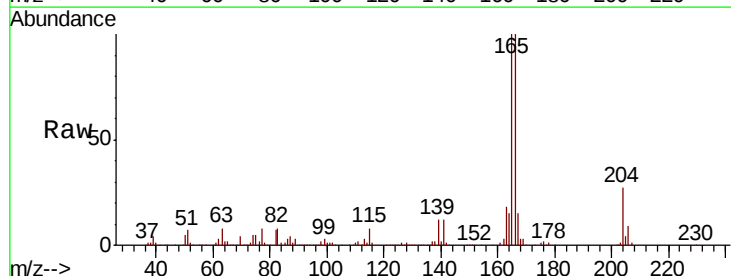
Tgt Ion:166 Resp: 468245

Ion Ratio Lower Upper

166 100

165 100.0 79.2 118.8

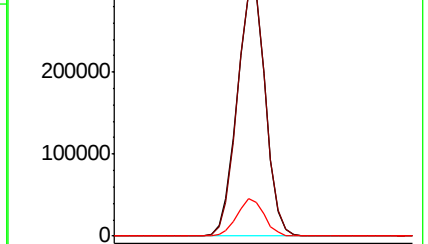
167 15.3 11.8 17.6

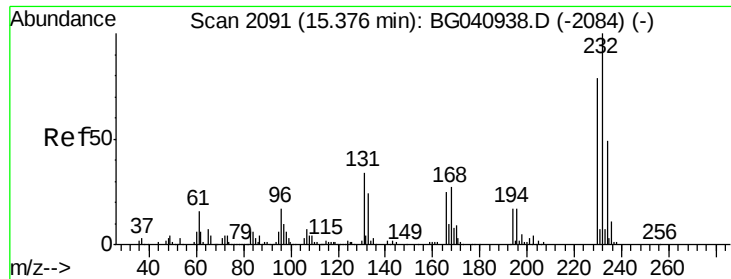


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





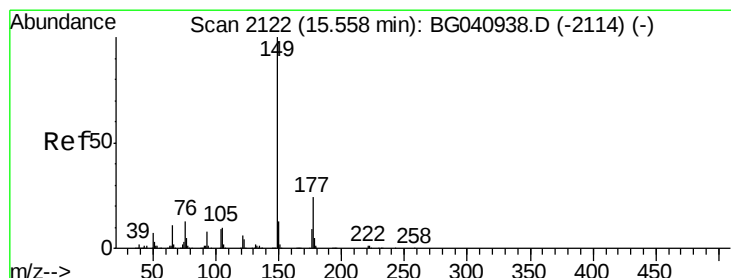
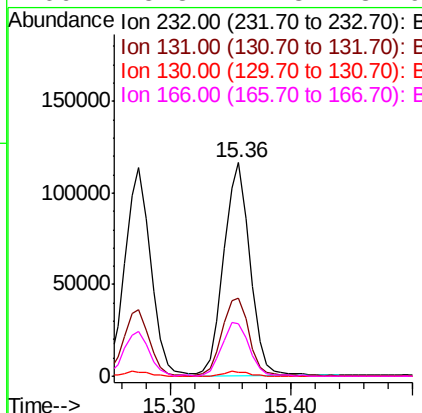
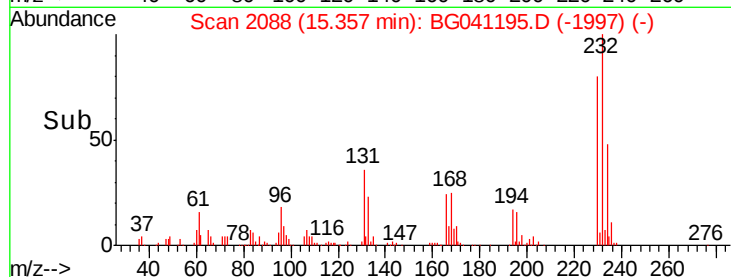
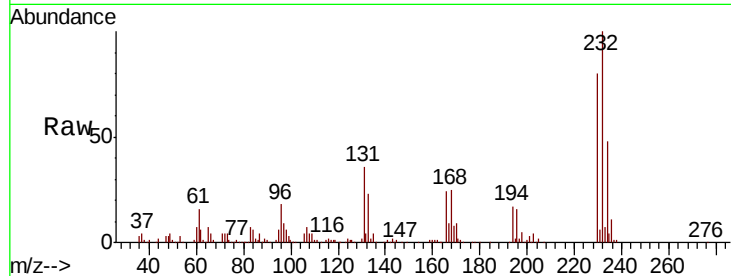
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.537 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB120503BS

Tot Ion:	232	Resp:	175294
Ion Ratio		Lower	Upper
232	100		
131	37.4	30.3	45.5
130	2.3	1.8	2.8
166	25.8	21.3	31.9

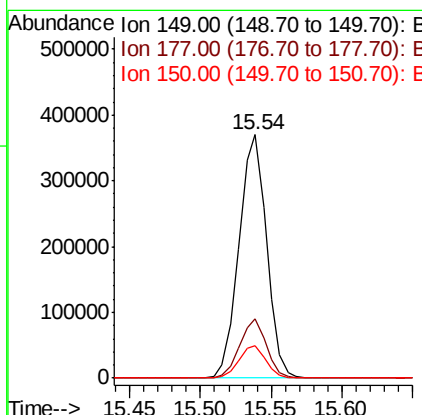
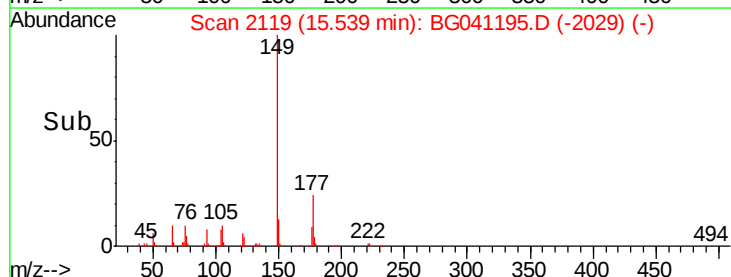
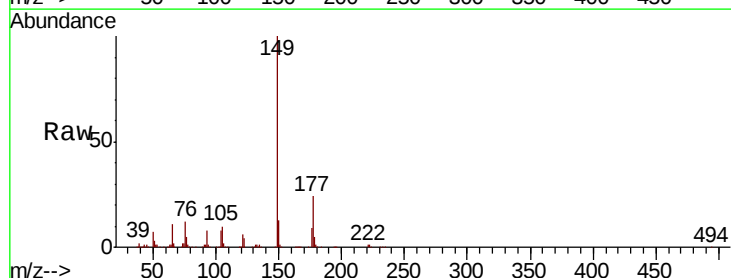
Manual Integrations
 APPROVED

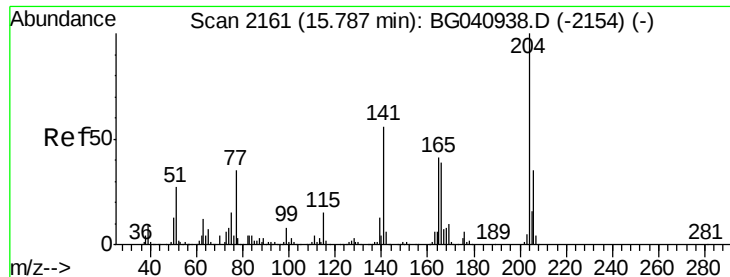
mohammad
 6/14/2019 8:38:38 AM



#60
 Diethylphthalate
 Concen: 43.706 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Tgt Ion:	149	Resp:	504586
Ion Ratio		Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.2	10.3	15.5





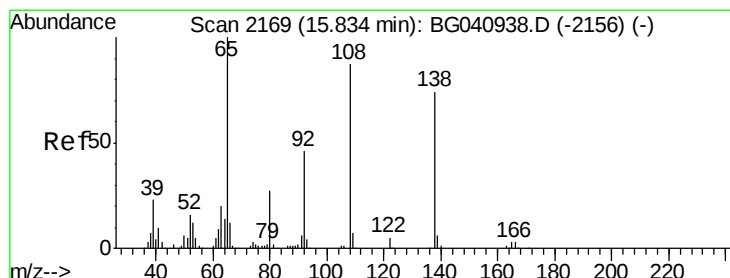
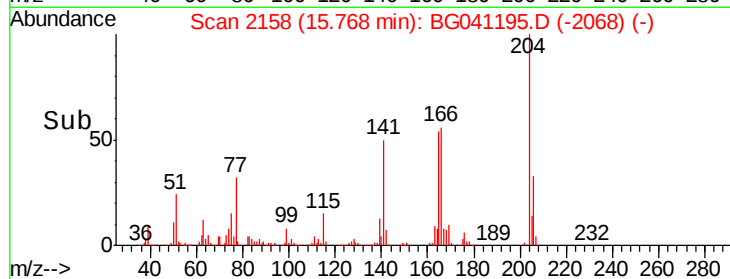
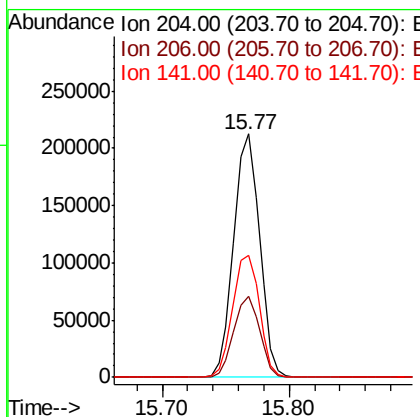
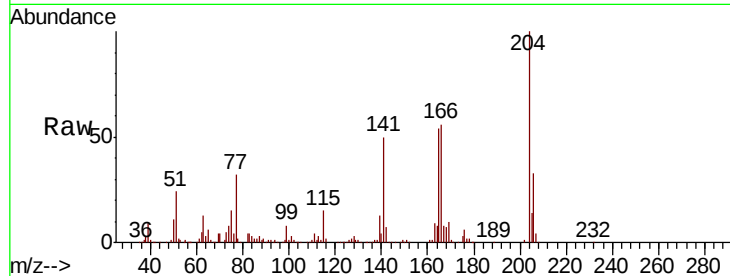
#61
4-Chlorophenyl-phenylether
Concen: 44.537 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampled :
PB120503BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.6	41.4
141	50.1	45.1	67.7

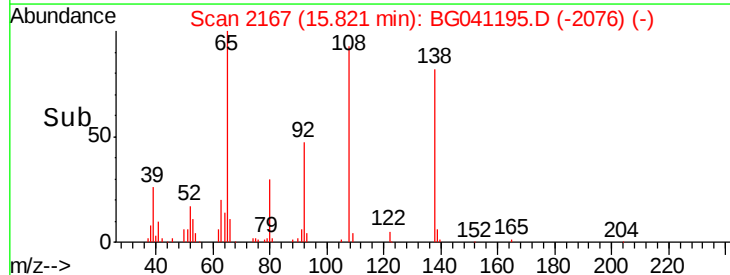
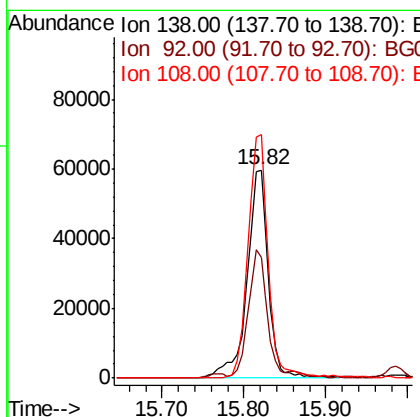
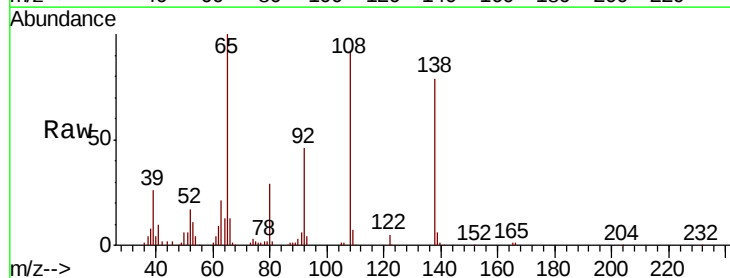
Manual Integrations
APPROVED

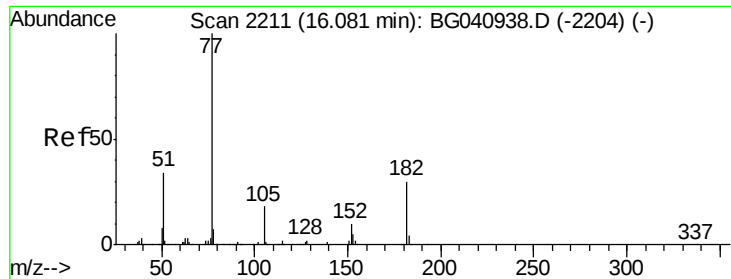
mohammad
6/14/2019 8:38:38 AM



#62
4-Nitroaniline
Concen: 41.971 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	42.4	82.4
108	117.0	96.9	136.9





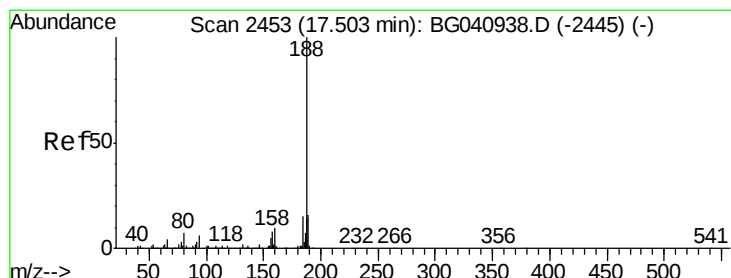
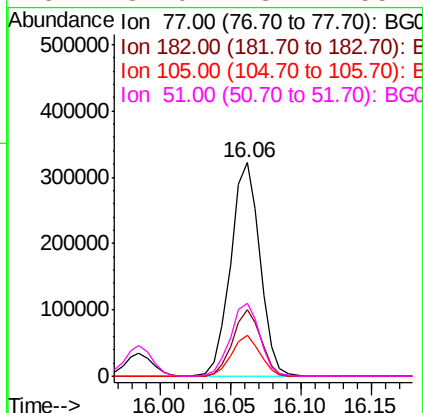
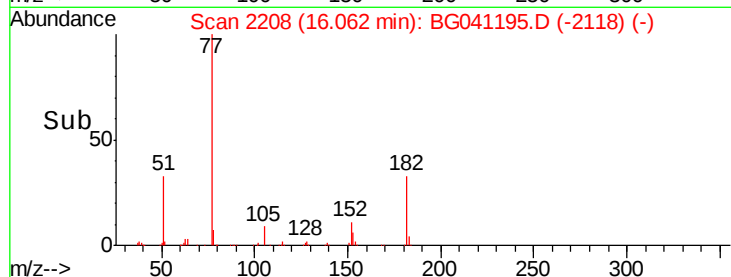
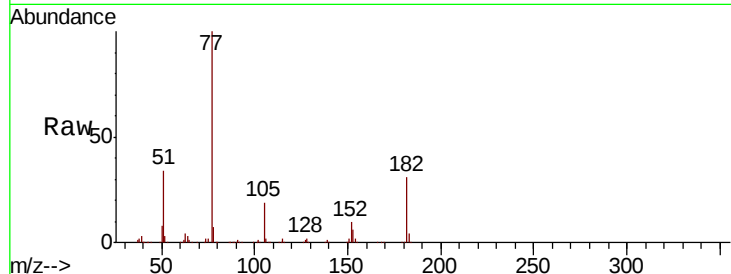
#63
Azobenzene
Concen: 44.144 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.1	9.6	49.6		
105	19.4	0.0	37.5		
51	34.0	13.7	53.7		

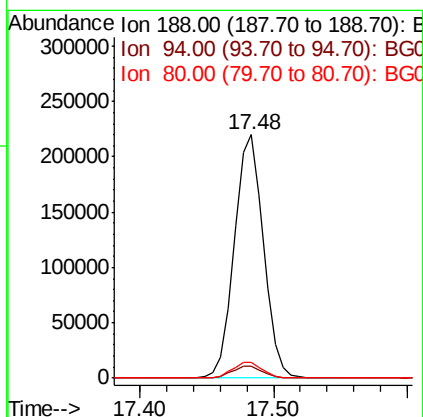
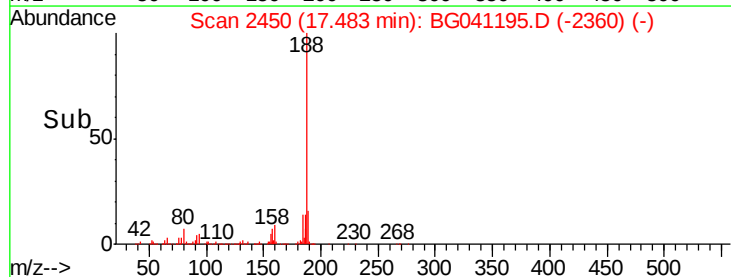
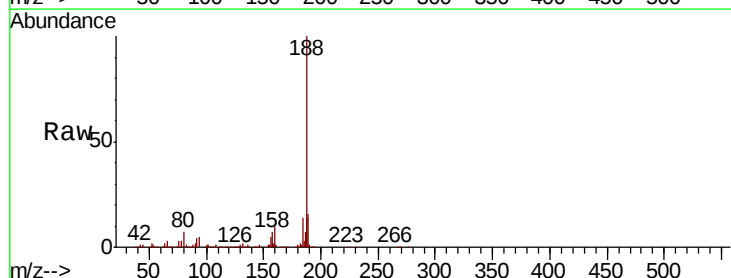
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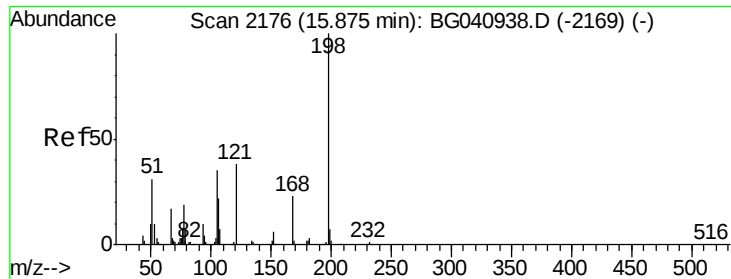
mohammad
6/14/2019 8:38:38 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	5.0	4.7	7.1		
80	6.7	5.8	8.8		





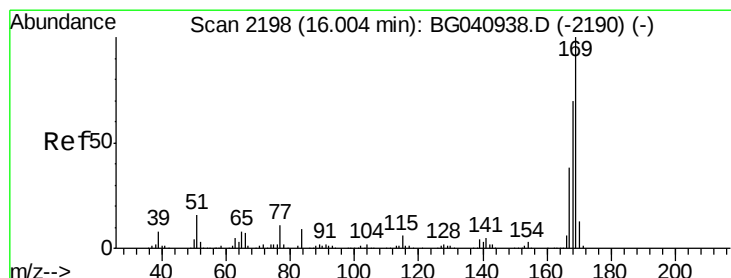
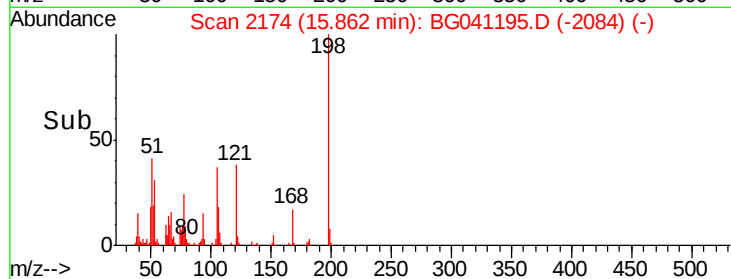
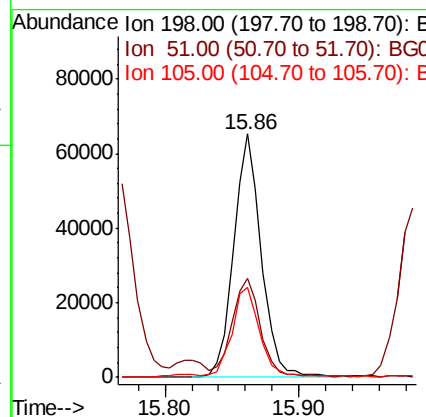
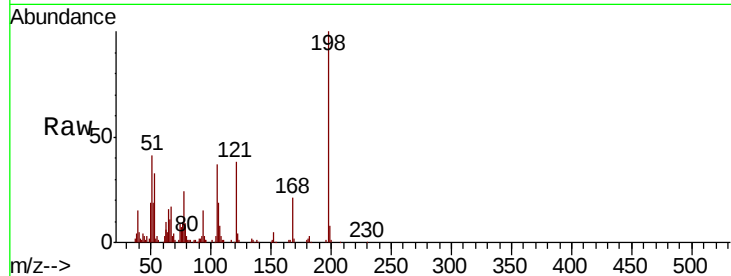
#65
4,6-Dinitro-2-methylphenol
Concen: 51.974 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.8	21.6	61.6
105	36.9	17.5	57.5

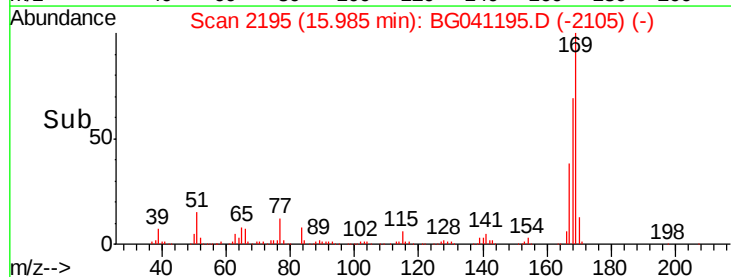
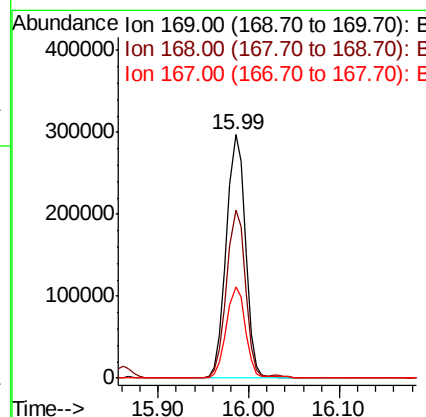
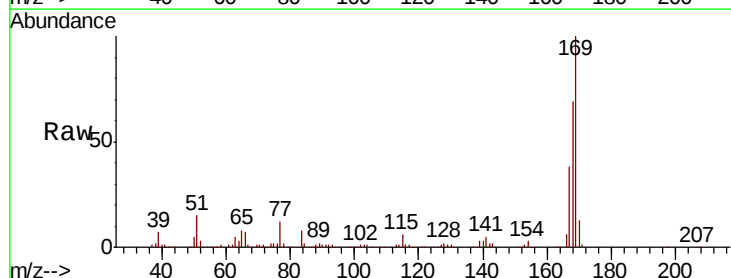
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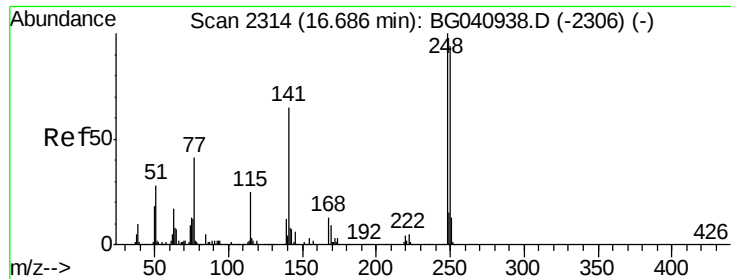
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 46.348 ng
RT: 15.99 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	37.6	30.2	45.2





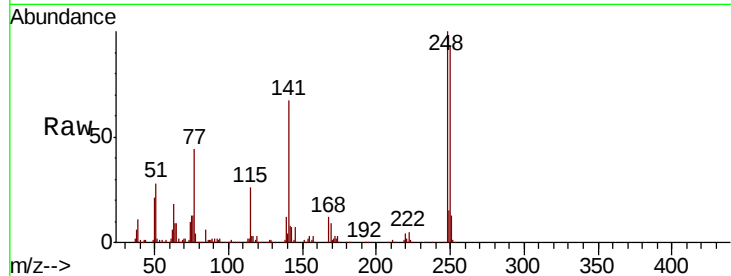
#67
4-Bromophenyl-phenylether
Concen: 44.305 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	198969		
250	92.5		75.0	112.4
141	67.0		52.4	78.6

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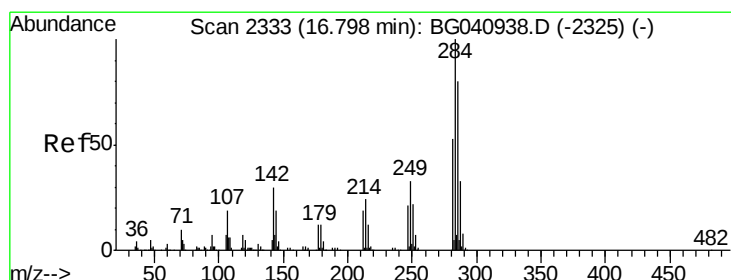
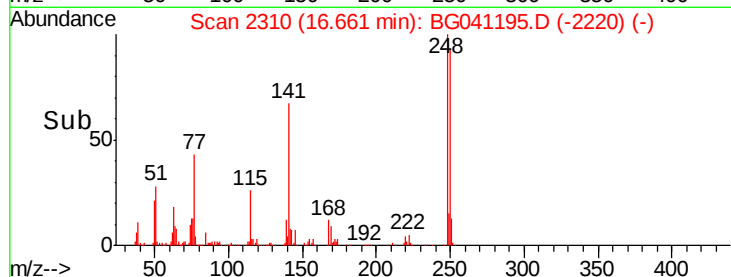
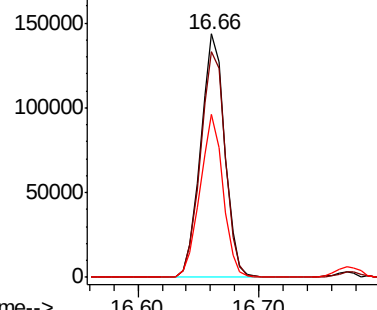


Abundance

Ion 248.00 (247.70 to 248.70): E

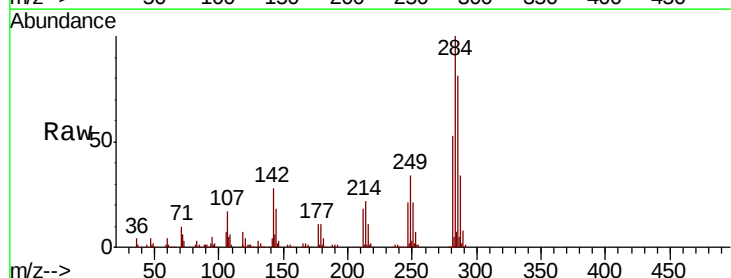
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.617 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	203797		
142	28.3		23.9	35.9
249	33.9		26.8	40.2

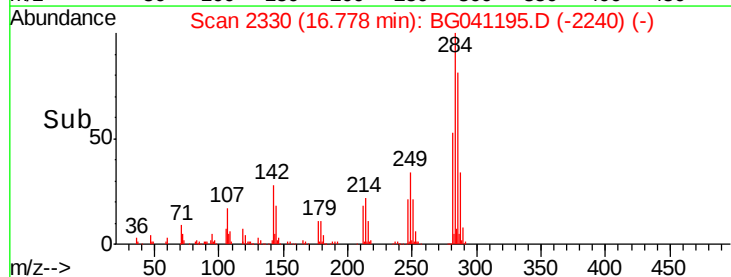
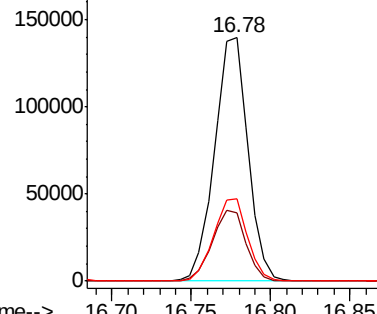


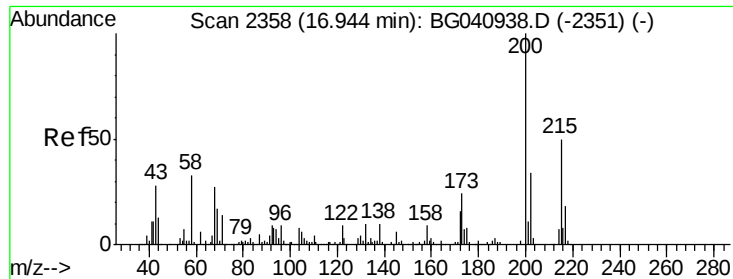
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





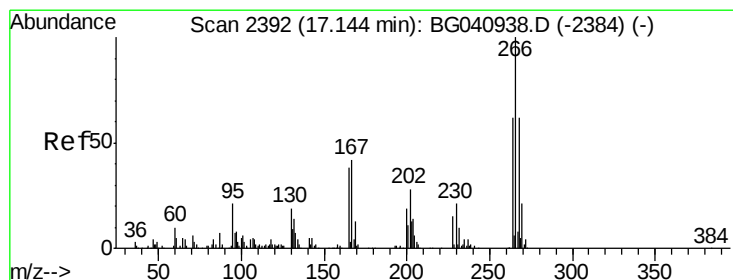
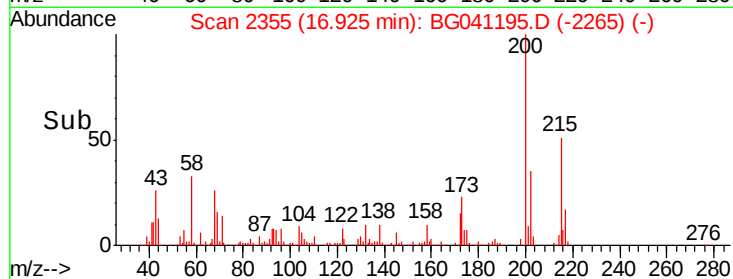
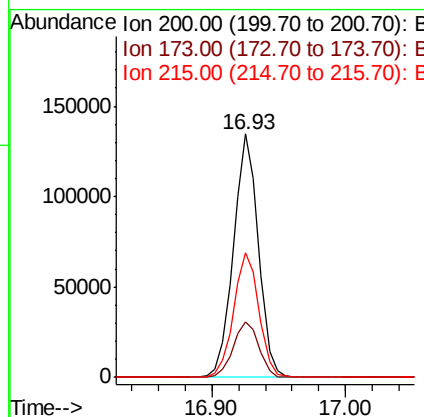
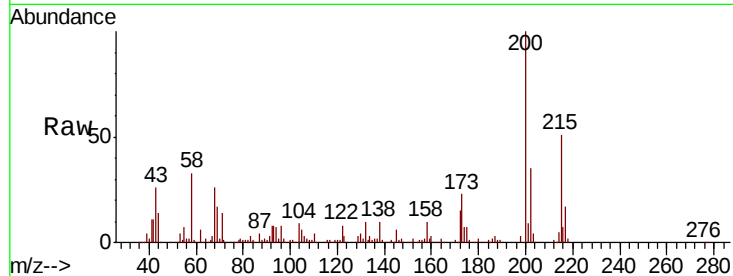
#69
Atrazine
Concen: 48.666 ng
RT: 16.93 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.9	3.6	43.6
215	51.0	29.6	69.6

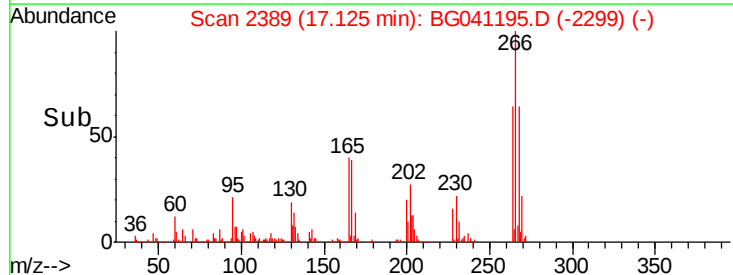
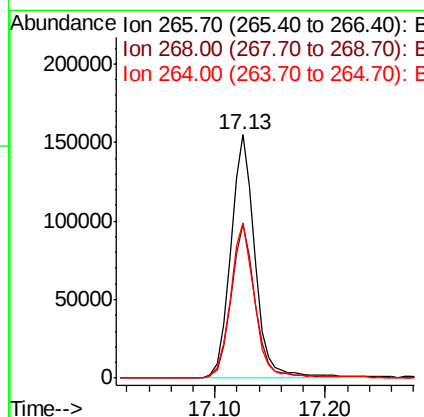
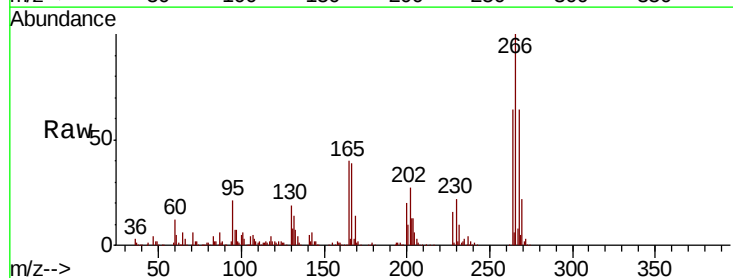
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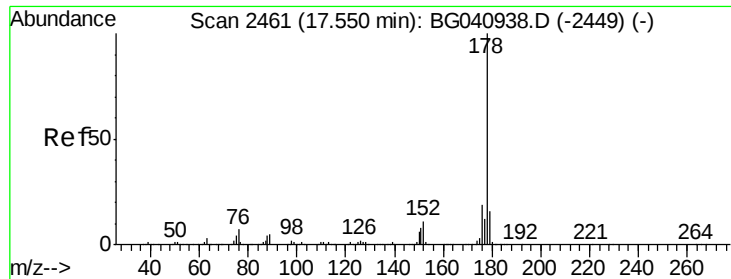
mohammad
6/14/2019 8:38:38 AM



#70
Pentachlorophenol
Concen: 92.493 ng
RT: 17.13 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	53.1	79.7
264	63.8	49.9	74.9





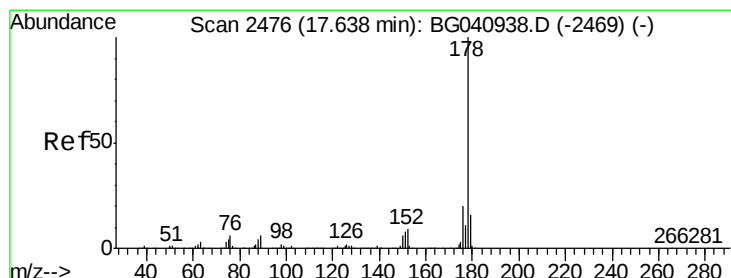
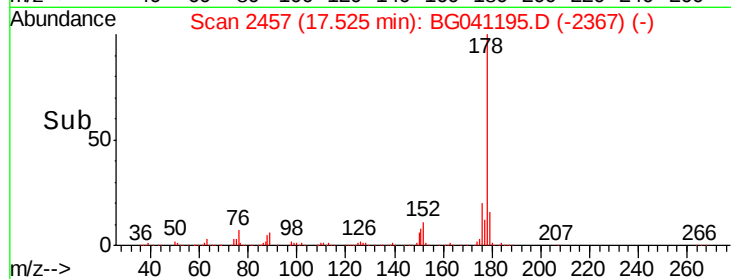
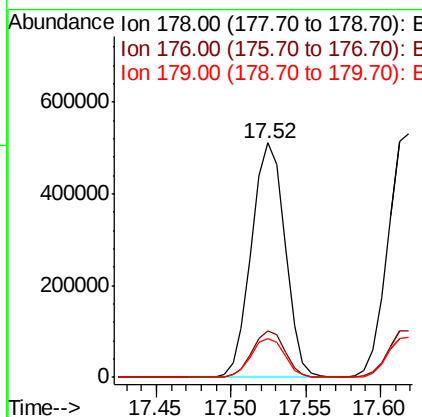
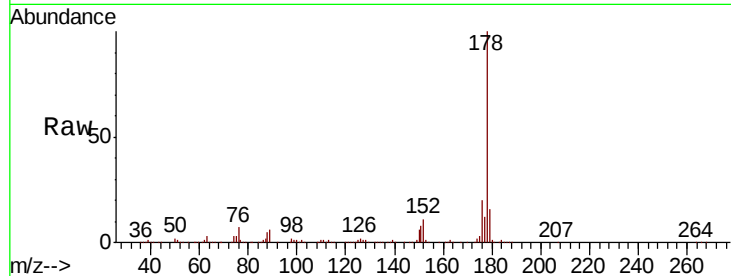
#71
Phenanthrene
Concen: 45.994 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	16.4	12.7	19.1

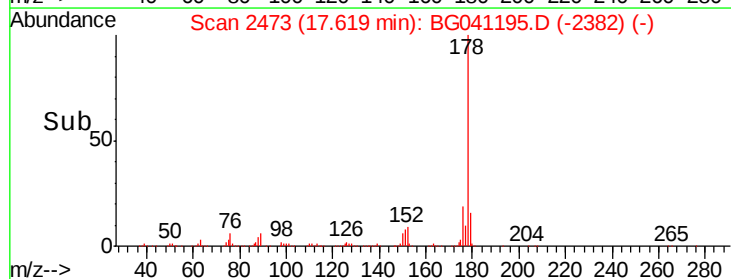
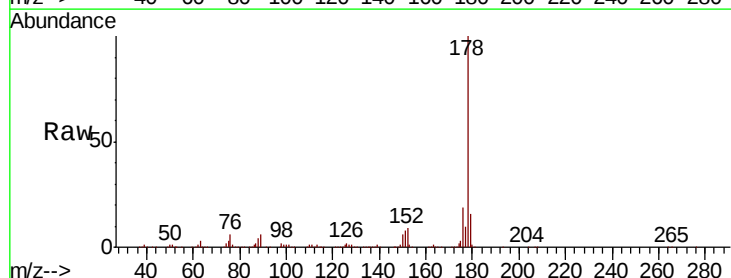
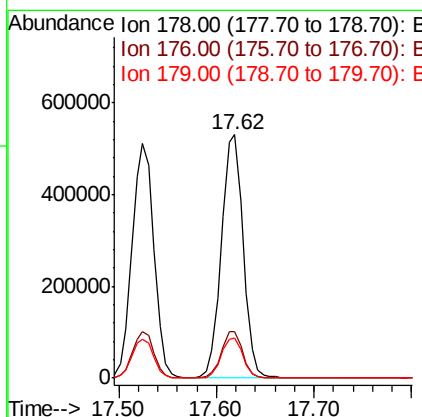
Manual Integrations
APPROVED

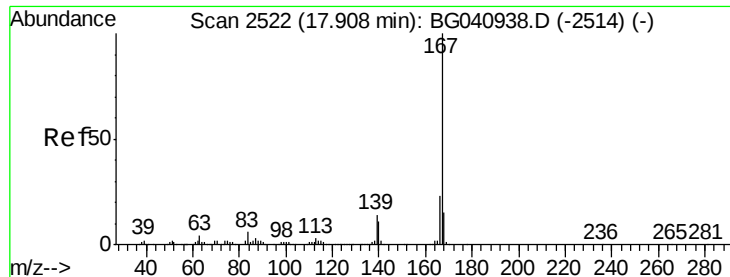
mohammad
6/14/2019 8:38:38 AM



#72
Anthracene
Concen: 47.750 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.2	13.0	19.4





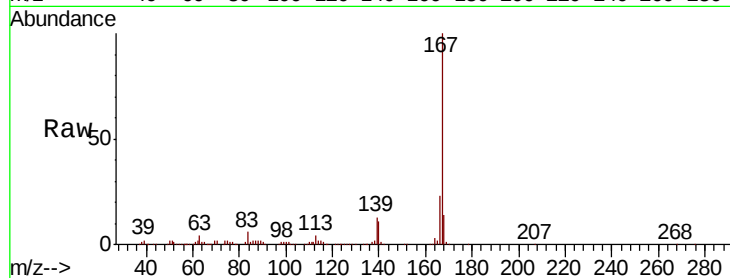
#73
 Carbazole
 Concen: 47.508 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Instrument :
 BNA_G
 ClientSampleId :
 PB120503BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.0	10.8	16.2

Manual Integrations
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mohammad
 6/14/2019 8:38:38 AM

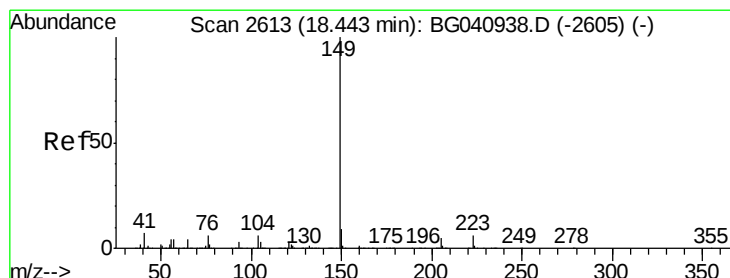
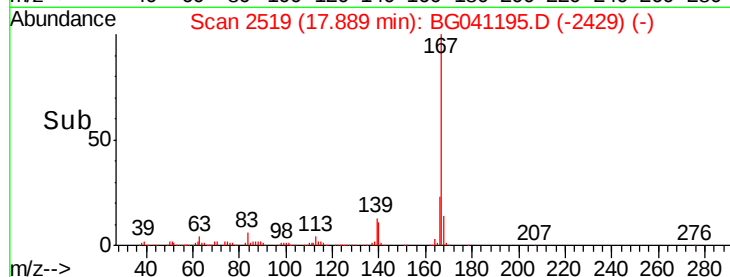
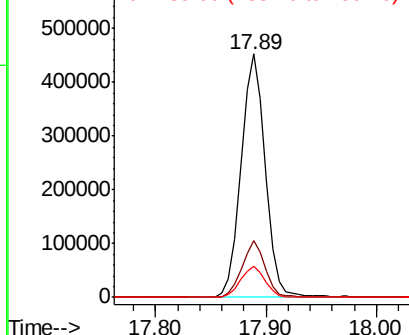


Abundance

Ion 167.00 (166.70 to 167.70): E

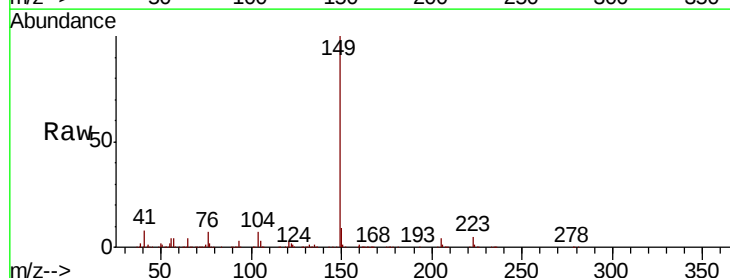
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 44.873 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041195.D
 Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	6.6	5.0	7.4

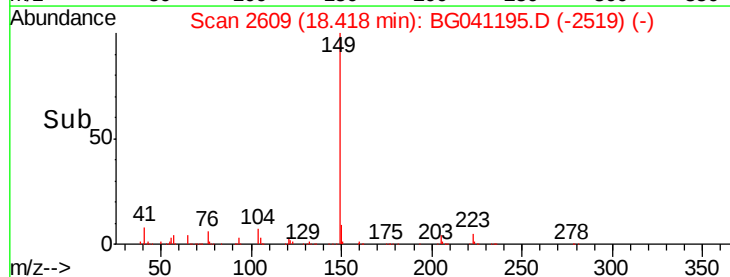
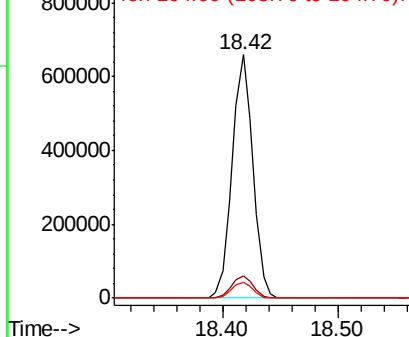


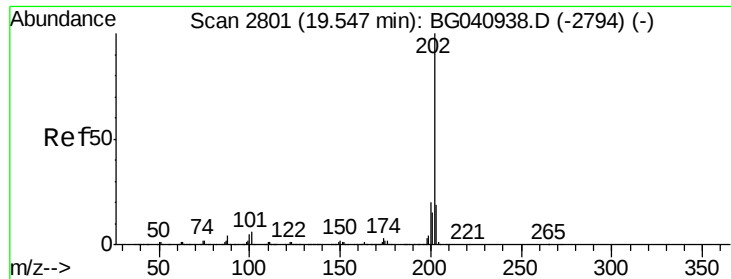
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.628 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

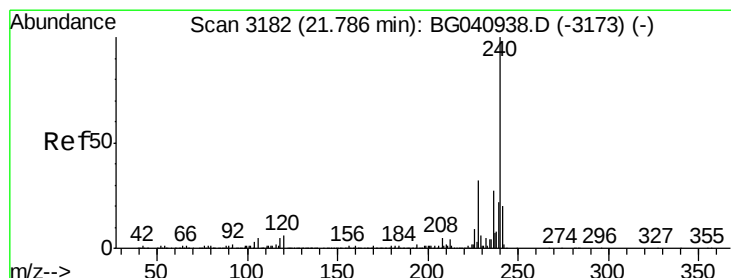
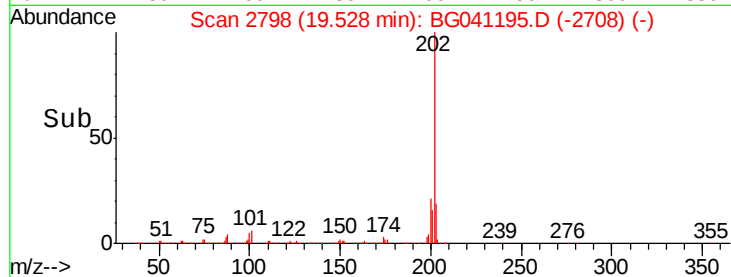
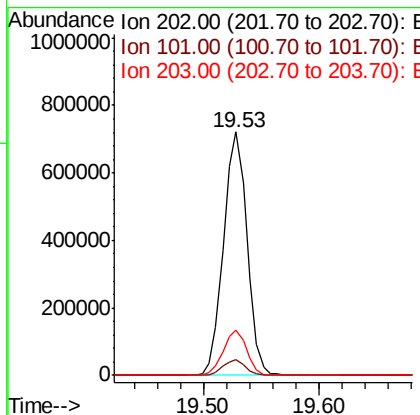
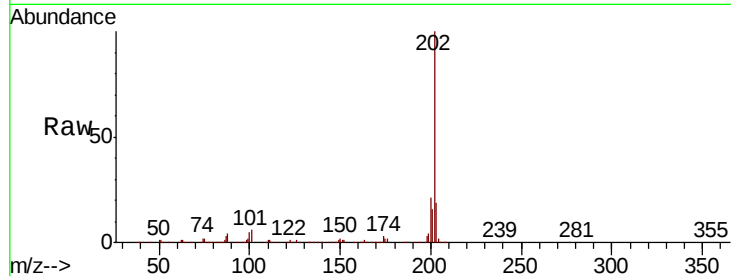
ClientSampleId :

PB120503BS

Tot Ion:	202	Resp:	1019700
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	26.2
203	18.8	0.0	38.7

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#76

Chrysene-d12

Concen: 20.000 ng

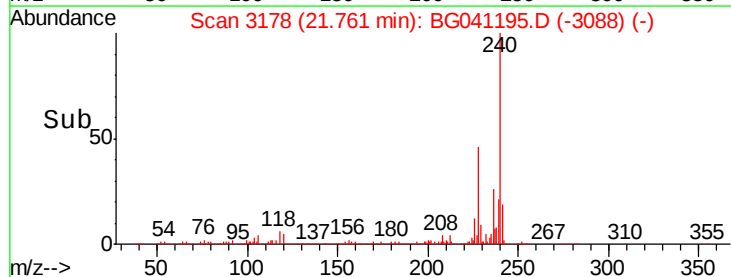
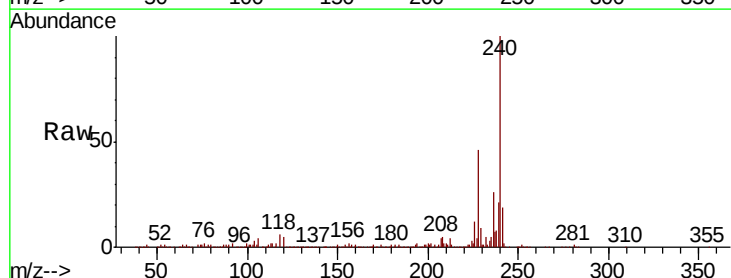
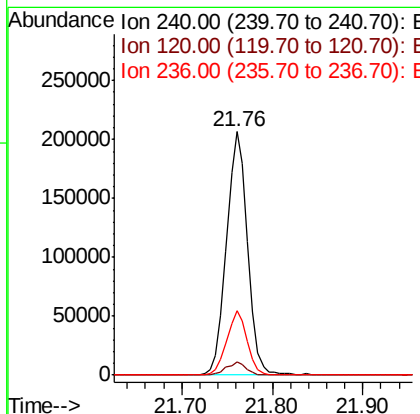
RT: 21.76 min Scan# 3178

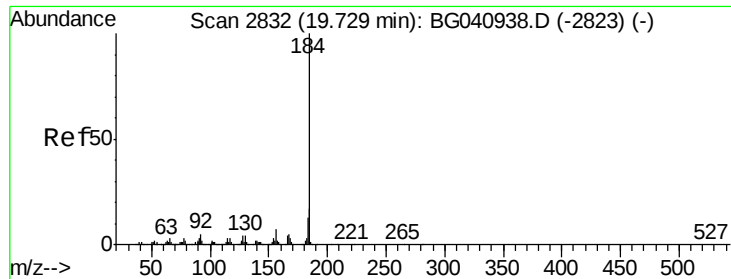
Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	240	Resp:	332638
Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.5	6.7
236	26.4	21.3	31.9





#77

Benzidine

Concen: 41.622 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

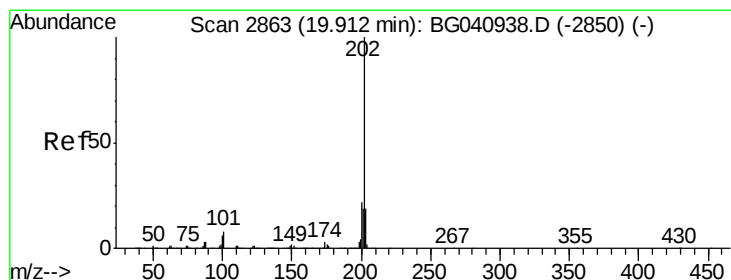
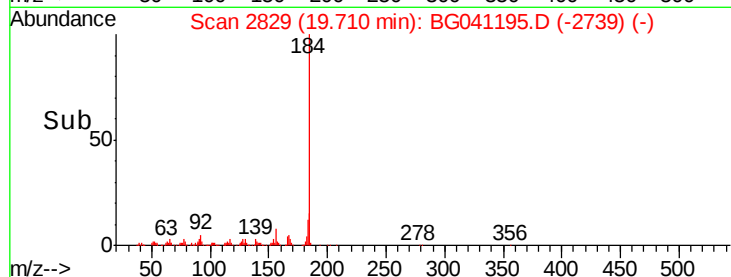
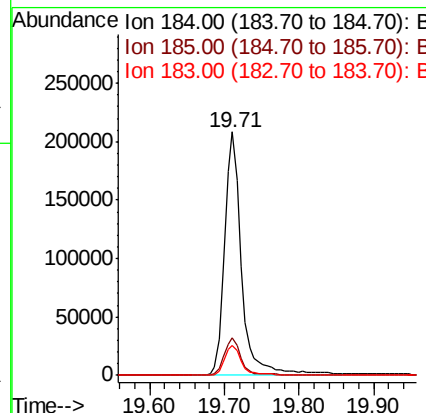
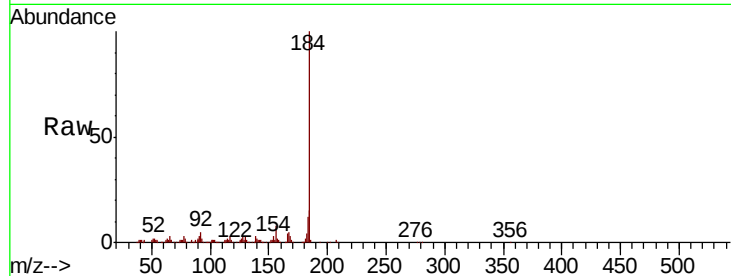
ClientSampleId :

PB120503BS

Tot Ion:	184	Resp:	330277
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.3	19.9
183	12.3	10.7	16.1

Manual Integrations
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#78

Pyrene

Concen: 47.096 ng

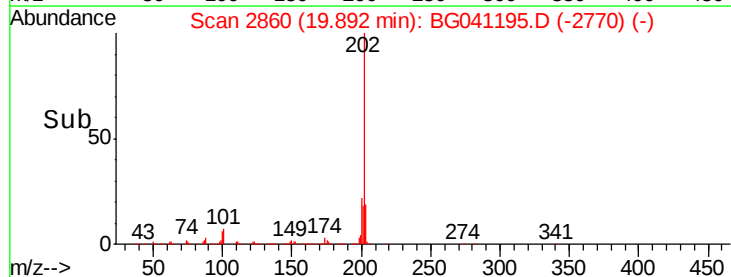
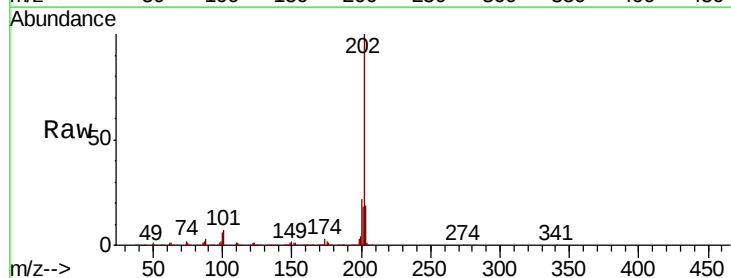
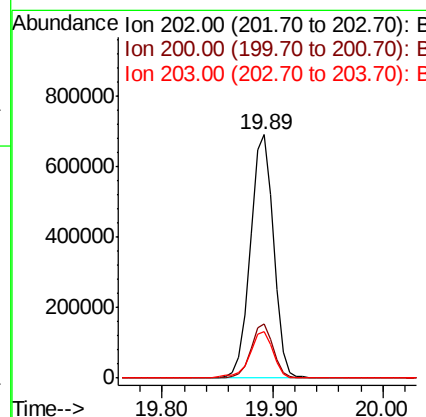
RT: 19.89 min Scan# 2860

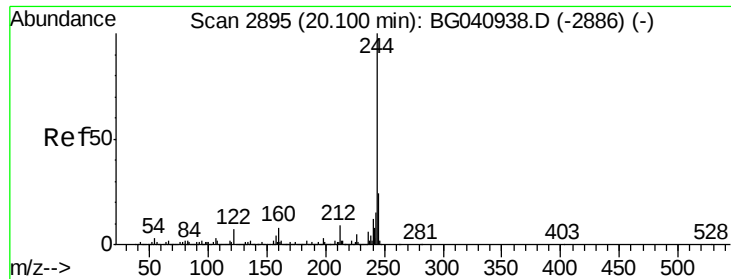
Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	202	Resp:	1018393
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.5	26.3
203	19.2	15.6	23.4





#79

Terphenyl-d14

Concen: 86.101 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

ClientSampled :

PB120503BS

Tot Ion:244 Resp: 1349473

Ion Ratio Lower Upper

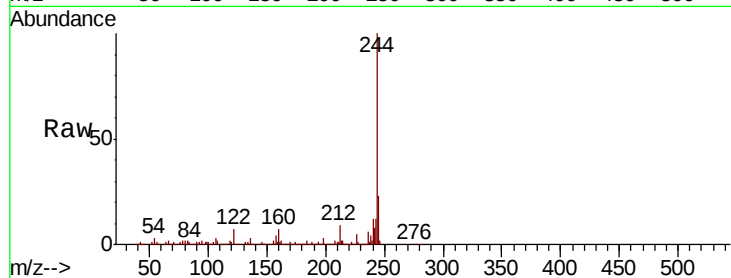
244 100

212 8.8 7.0 10.4

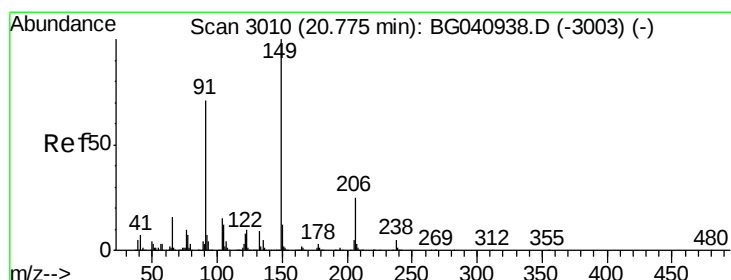
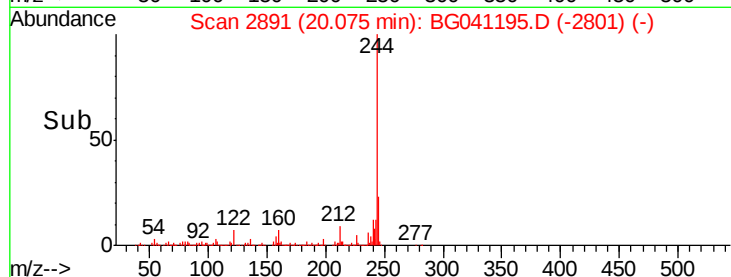
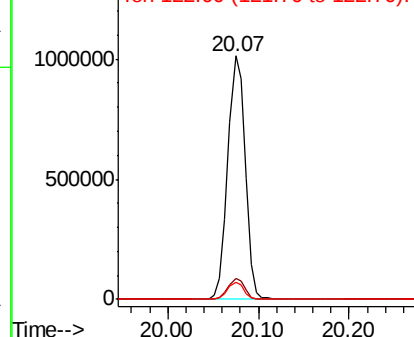
122 7.2 5.4 8.0

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



#80

Butylbenzylphthalate

Concen: 45.611 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

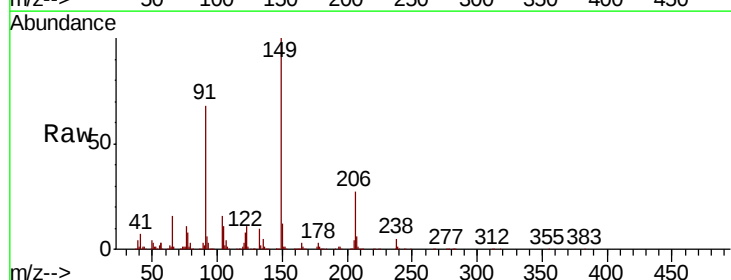
Tgt Ion:149 Resp: 383813

Ion Ratio Lower Upper

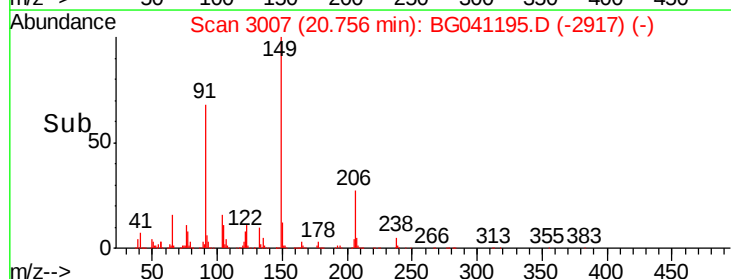
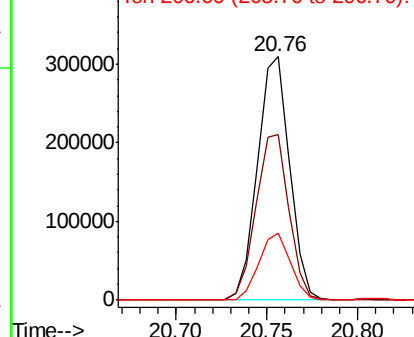
149 100

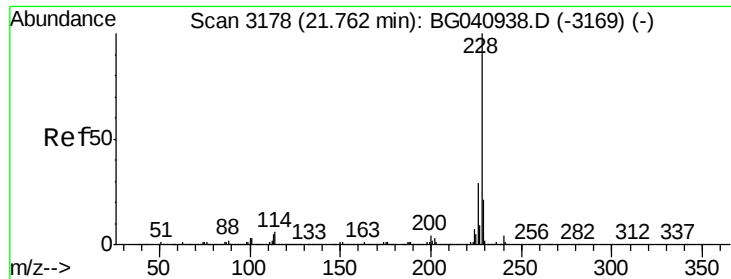
91 68.1 56.5 84.7

206 27.5 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: 44.694 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

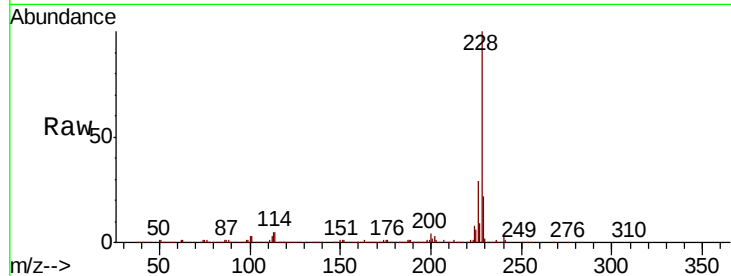
ClientSampleId :

PB120503BS

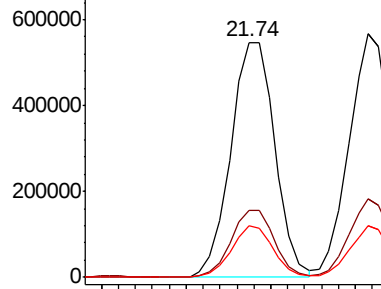
Tot Ion:	228	Resp:	989632
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.5	35.3
229	21.7	16.7	25.1

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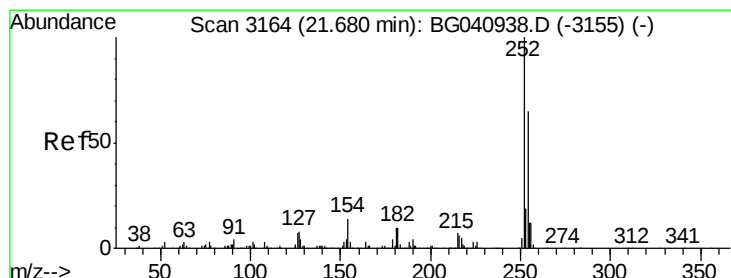
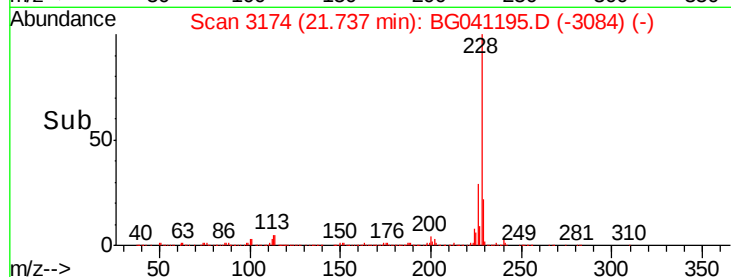
mohammad
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 21.65 21.70 21.75 21.80



#82

3,3'-Dichlorobenzidine

Concen: 33.791 ng

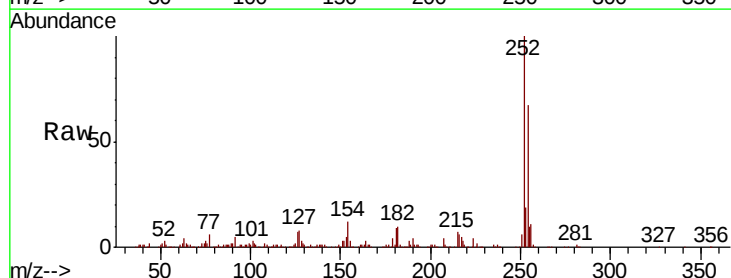
RT: 21.66 min Scan# 3160

Delta R.T. 0.00 min

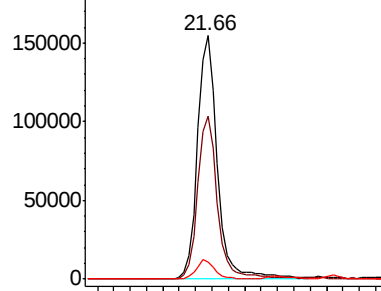
Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

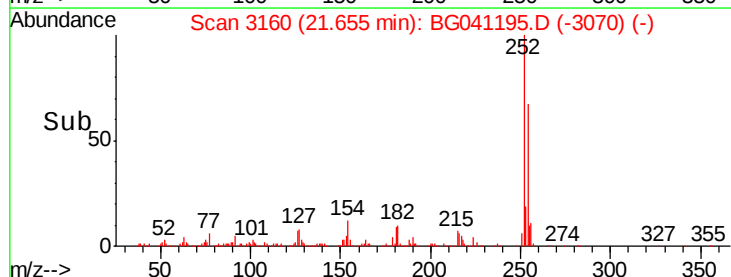
Tgt Ion:	252	Resp:	263167
Ion Ratio	Lower	Upper	
252	100		
254	66.8	52.1	78.1
126	6.8	5.5	8.3

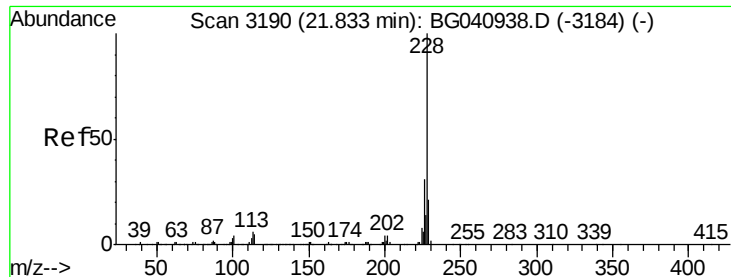


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time--> 21.60 21.70 21.80





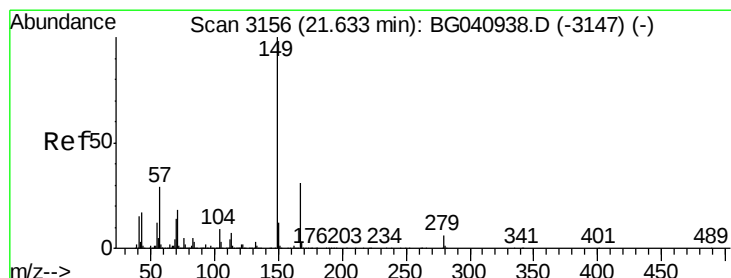
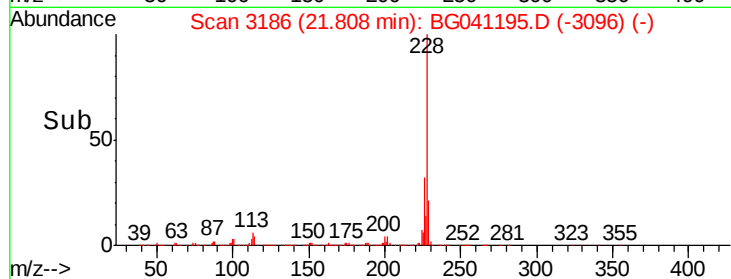
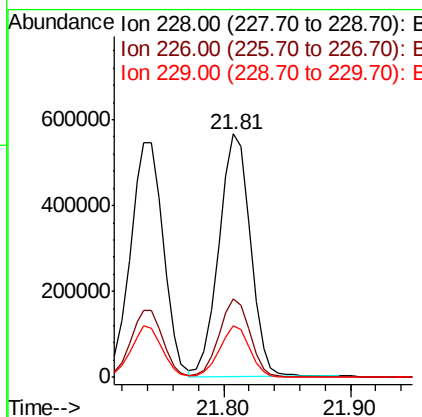
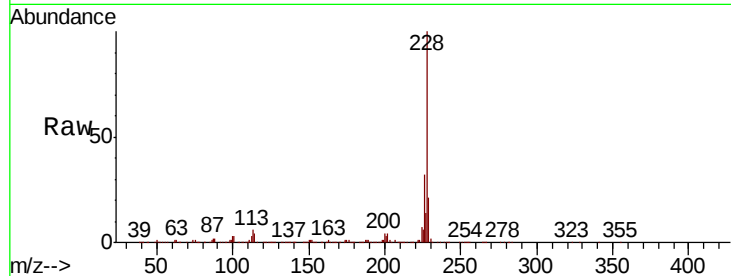
#83
Chrysene
Concen: 45.908 ng
RT: 21.81 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion:	228	Resp:	972761
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.6	37.0
229	21.4	16.6	24.8

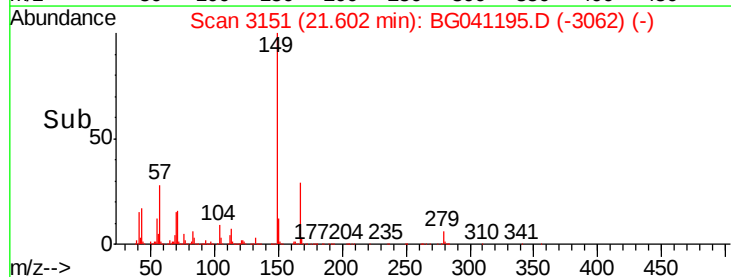
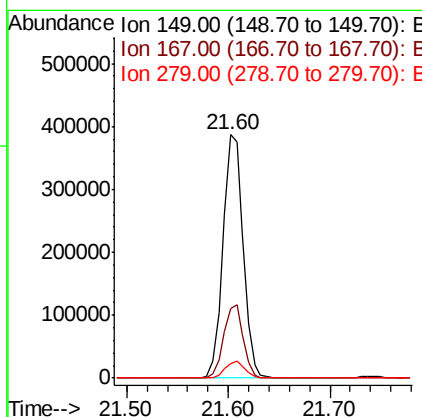
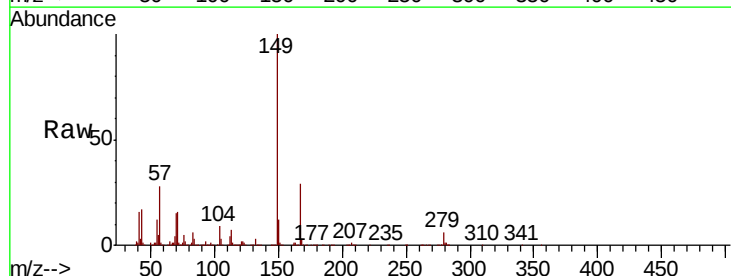
Manual Integrations
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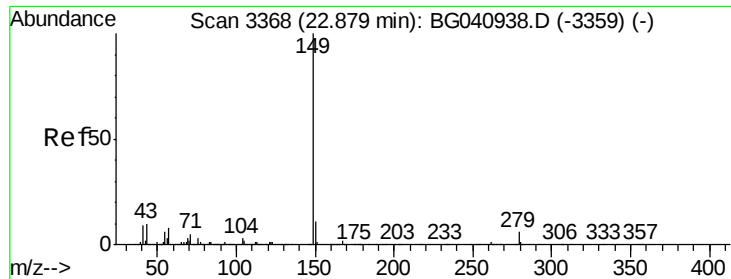
mohammad
6/14/2019 8:38:38 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.861 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion:	149	Resp:	531426
Ion Ratio	Lower	Upper	
149	100		
167	28.8	24.6	37.0
279	6.2	5.0	7.6





#85

Di-n-octyl phthalate

Concen: 45.202 ng

RT: 22.84 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Instrument :

BNA_G

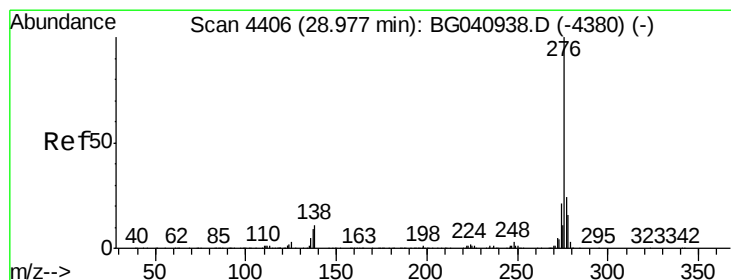
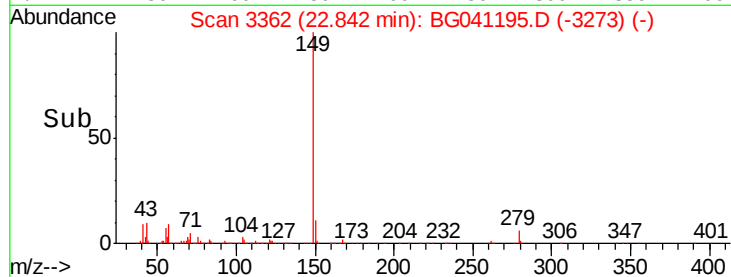
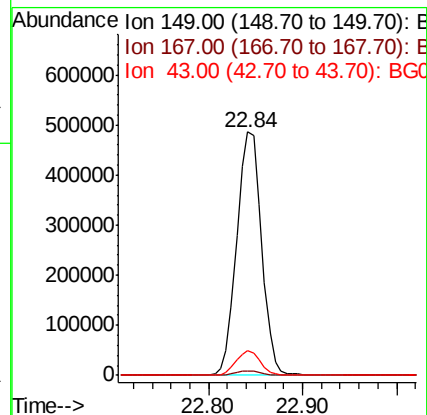
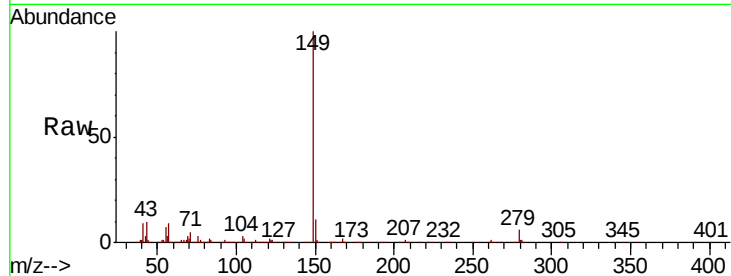
ClientSampleId :

PB120503BS

Tot Ion:	149	Resp:	891775
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	9.8	8.1	12.1

Manual Integrations
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mohammad
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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.007 ng

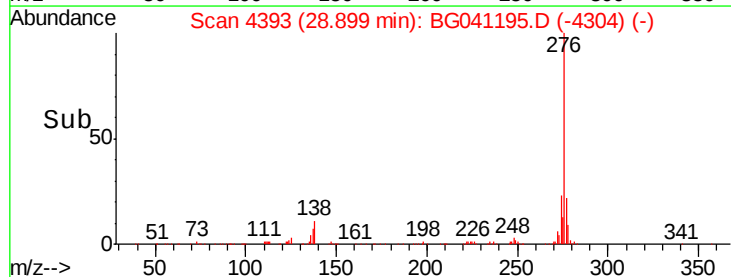
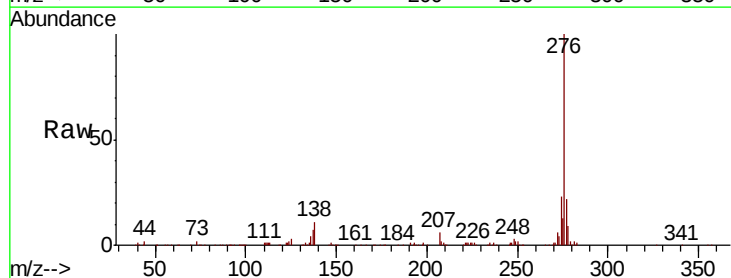
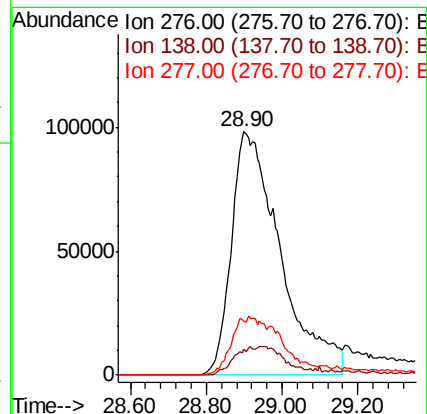
RT: 28.90 min Scan# 4393

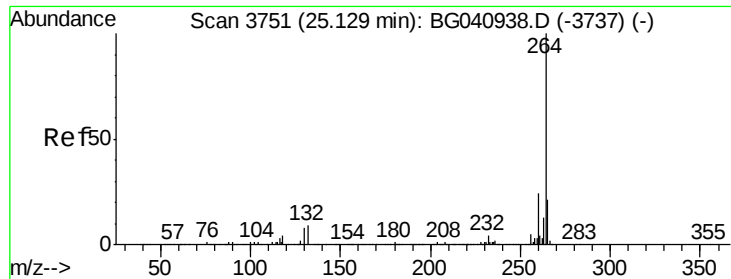
Delta R.T. -0.00 min

Lab File: BG041195.D

Acq: 11 Jun 2019 19:16

Tgt Ion:	276	Resp:	882707
Ion Ratio	Lower	Upper	
276	100		
138	0.0	5.7	8.5#
277	7.7	20.8	31.2#





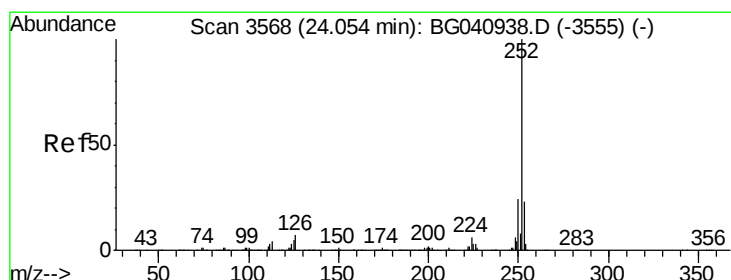
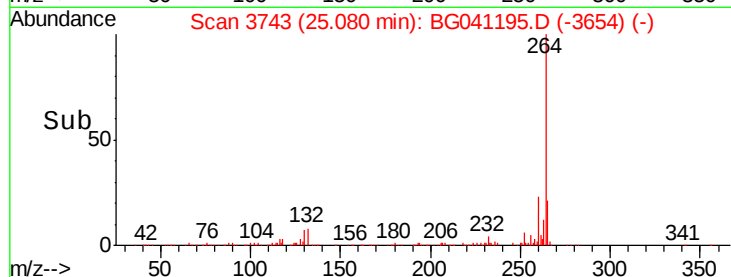
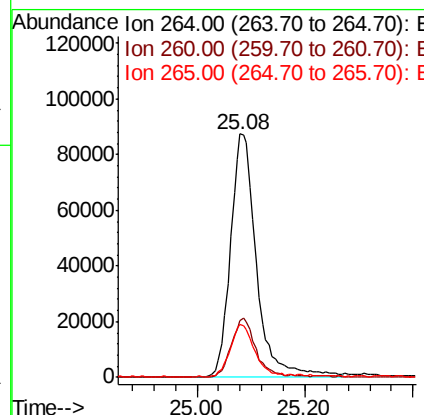
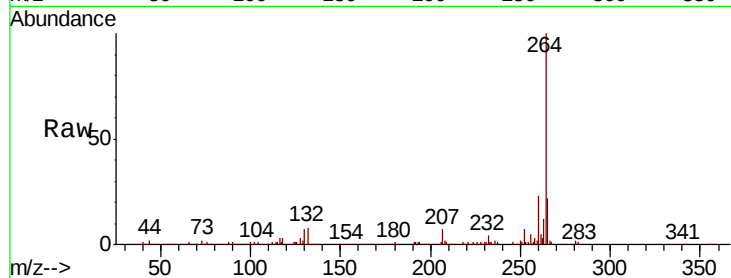
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.6	17.0	25.4

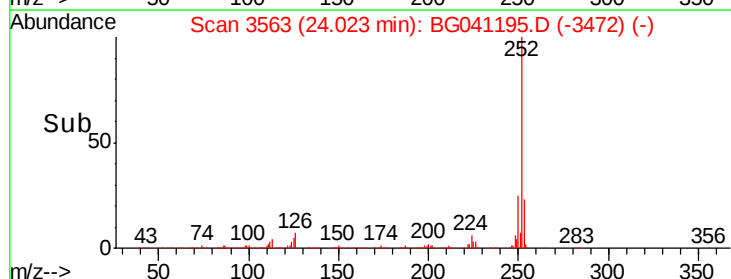
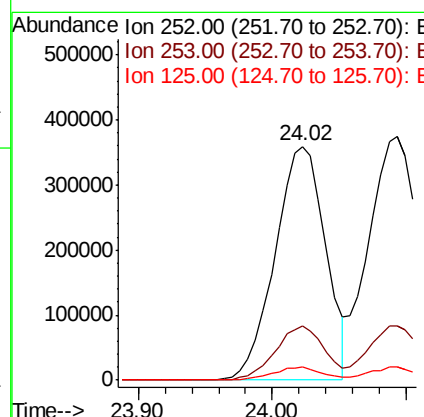
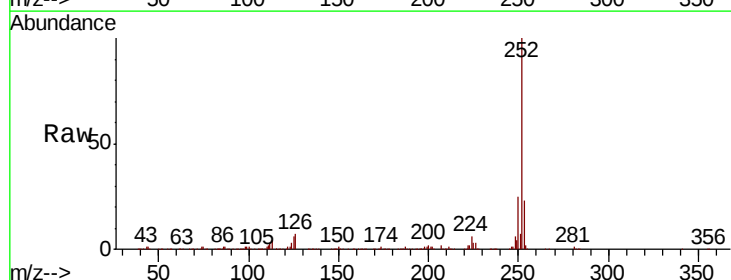
Manual Integrations
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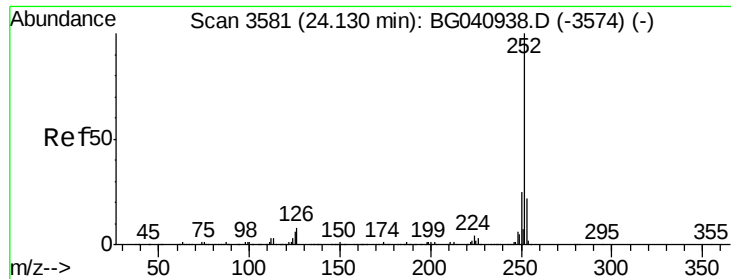
mohammad
6/14/2019 8:38:38 AM



#88
Benzo(b)fluoranthene
Concen: 52.468 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	5.5	4.3	6.5





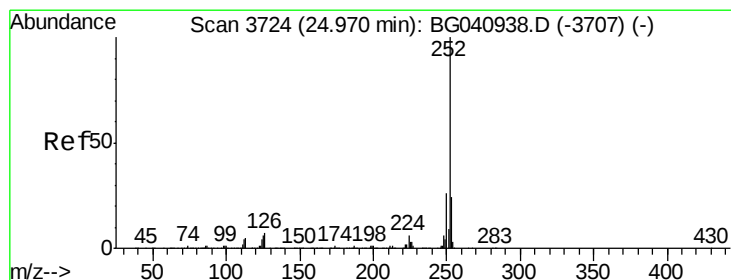
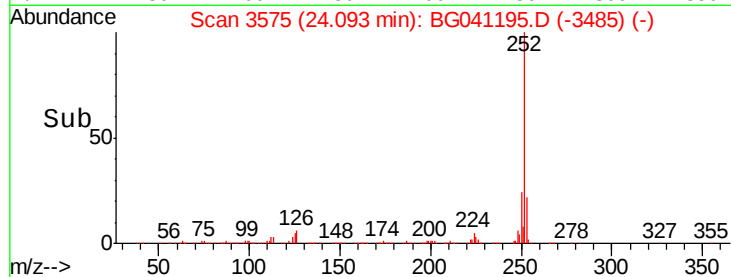
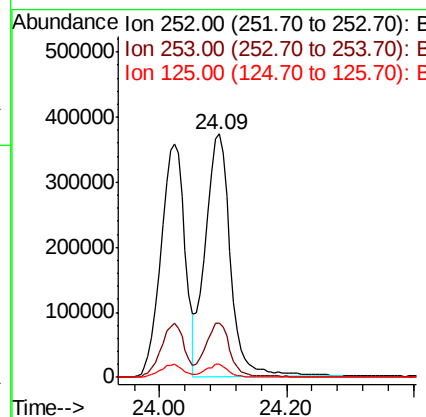
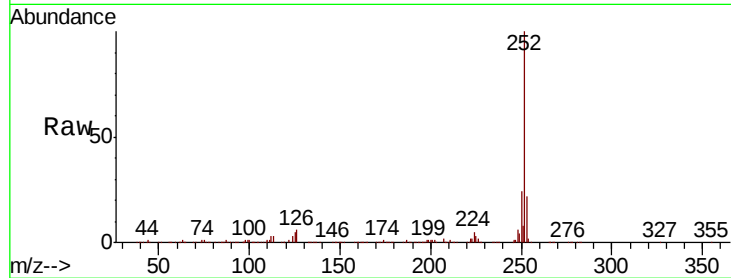
#89
Benzo(k)fluoranthene
Concen: 57.598 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	5.3	4.7	7.1

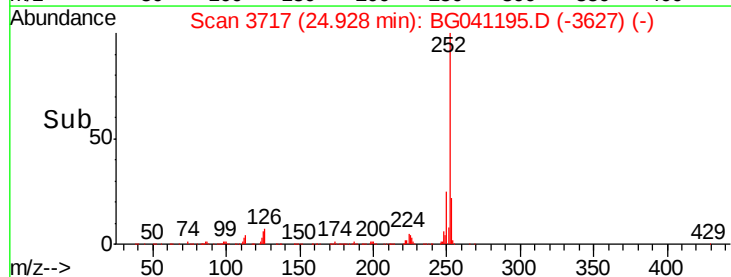
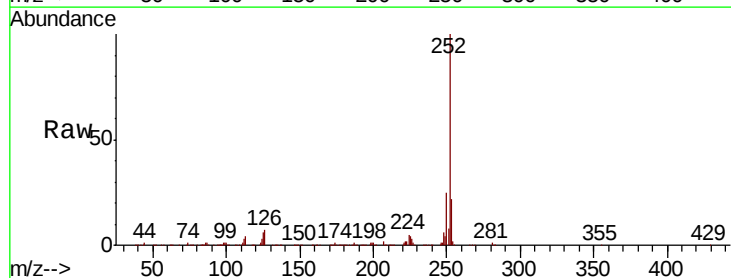
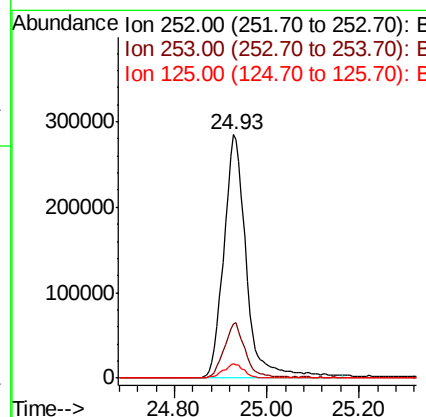
Manual Integrations
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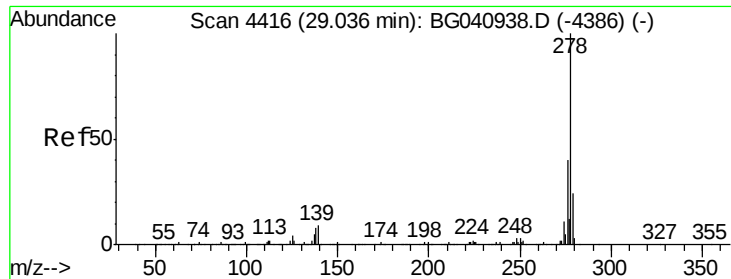
mohammad
6/14/2019 8:38:38 AM



#90
Benzo(a)pyrene
Concen: 56.324 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.5	29.3
125	5.9	5.1	7.7





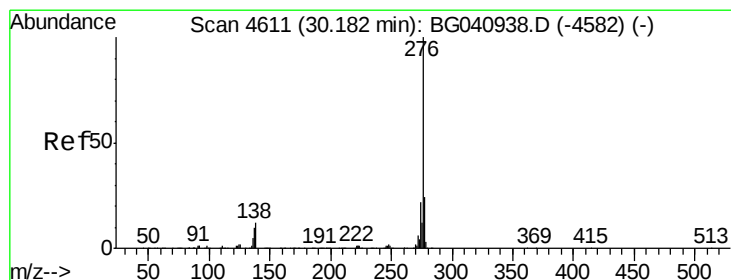
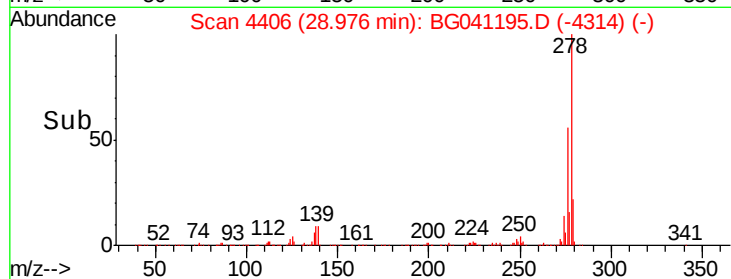
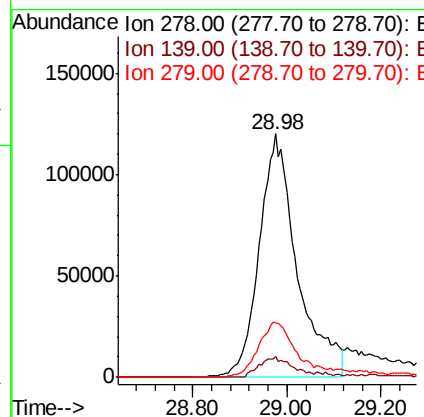
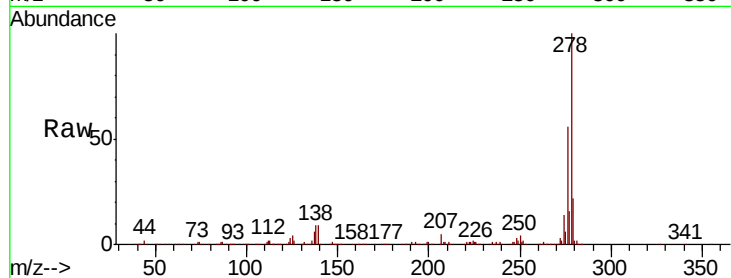
#91
Dibenzo(a,h)anthracene
Concen: 39.409 ng
RT: 28.98 min Scan# 4406
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Instrument :
BNA_G
ClientSampleId :
PB120503BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	7.1	10.7
279	22.4	19.4	29.2

Manual Integrations
APPROVED

mohammad
6/14/2019 8:38:38 AM



#92
Benzo(g,h,i)perylene
Concen: 39.095 ng
RT: 30.12 min Scan# 4601
Delta R.T. 0.01 min
Lab File: BG041195.D
Acq: 11 Jun 2019 19:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.0
138	11.7	9.7	14.5

