

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043912.D
 Acq On : 4 Jan 2020 8:19
 Operator : JU
 Sample : PB125896BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BS

Manual Integrations
 APPROVED

mohammad
 1/6/2020 11:42:04 AM

Quant Time: Jan 06 04:58:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	127051	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	575794	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	382844	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	835794	20.00	ng	0.00
76) Chrysene-d12	21.59	240	710259	20.00	ng	0.00
87) Perylene-d12	24.72	264	814271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	653753	94.48	ng	0.00
7) Phenol-d6	7.13	99	866236	89.56	ng	0.00
23) Nitrobenzene-d5	9.12	82	870473	80.87	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	319513	79.75	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1831596	86.68	ng	0.00
79) Terphenyl-d14	19.95	244	2502746	84.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	120526	39.948	ng	97
3) Pyridine	3.82	79	308909	34.659	ng	96
4) n-Nitrosodimethylamine	3.74	42	167871	42.304	ng	98
6) Aniline	7.29	93	439471	34.593	ng	98
8) 2-Chlorophenol	7.53	128	410519	50.536	ng	99
9) Benzaldehyde	7.10	77	251534	40.632	ng	99
10) Phenol	7.16	94	508446	51.021	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	378349	43.983	ng	99
12) 1,3-Dichlorobenzene	7.86	146	407786	42.898	ng	99
13) 1,4-Dichlorobenzene	8.00	146	411240	43.845	ng	99
14) 1,2-Dichlorobenzene	8.32	146	392690	43.619	ng	98
15) Benzyl Alcohol	8.20	79	353273	46.279	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	544606	40.922	ng	99
17) 2-Methylphenol	8.41	107	355125	49.244	ng	96
18) Hexachloroethane	9.05	117	156421	42.859	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	305453	42.406	ng	98
20) 3+4-Methylphenols	8.74	107	490382	48.744	ng	99
22) Acetophenone	8.78	105	559751	39.103	ng	99
24) Nitrobenzene	9.16	77	434962	40.802	ng	99
25) Isophorone	9.69	82	830037	41.105	ng	99
26) 2-Nitrophenol	9.87	139	228130	45.232	ng	99
27) 2,4-Dimethylphenol	9.94	122	395657	52.115	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	535337	39.766	ng	98
29) 2,4-Dichlorophenol	10.41	162	410572	45.337	ng	100
30) 1,2,4-Trichlorobenzene	10.63	180	397928	39.189	ng	98
31) Naphthalene	10.82	128	1180216	42.357	ng	99
32) Benzoic acid	10.08	122	185543	32.357	ng	93
33) 4-Chloroaniline	10.92	127	314749	23.683	ng	98
34) Hexachlorobutadiene	11.12	225	230868	37.239	ng	98
35) Caprolactam	11.69	113	157291m	46.657	ng	
36) 4-Chloro-3-methylphenol	12.05	107	433907	45.008	ng	98
37) 2-Methylnaphthalene	12.42	142	889822	42.418	ng	97
38) 1-Methylnaphthalene	12.64	142	843733	42.438	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	422048	37.612	ng	99

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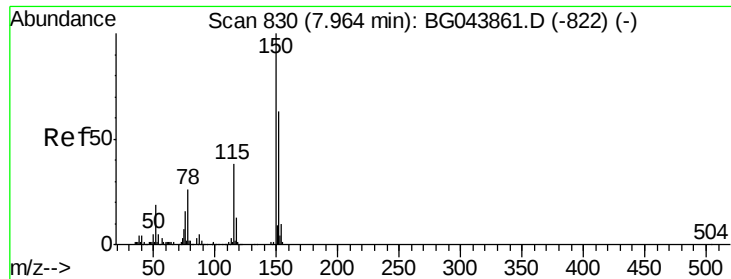
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	564339	97.007	nq	97
43) 2,4,6-Trichlorophenol	13.03	196	322958	41.828	nq	97
44) 2,4,5-Trichlorophenol	13.10	196	348911	43.814	nq	99
46) 1,1'-Biphenyl	13.43	154	1128254	41.103	nq	99
47) 2-Chloronaphthalene	13.47	162	877930	39.581	nq	98
48) 2-Nitroaniline	13.67	65	284988	39.943	nq	99
49) Acenaphthylene	14.32	152	1378487	43.239	nq	99
50) Dimethylphthalate	14.05	163	1128091	41.499	nq	99
51) 2,6-Dinitrotoluene	14.17	165	260650	42.423	nq	96
52) Acenaphthene	14.66	154	977608	43.727	nq	99
53) 3-Nitroaniline	14.49	138	205066	29.391	nq	99
54) 2,4-Dinitrophenol	14.69	184	215658	69.659	nq	98
55) Dibenzofuran	14.99	168	1317113	42.795	nq	100
56) 4-Nitrophenol	14.81	139	504879	94.430	nq	99
57) 2,4-Dinitrotoluene	14.95	165	367272	43.931	nq	98
58) Fluorene	15.65	166	1037950	42.549	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	303125	44.267	nq	98
60) Diethylphthalate	15.42	149	1154847	42.475	nq	99
61) 4-Chlorophenyl-phenylether	15.64	204	544947	41.140	nq	99
62) 4-Nitroaniline	15.66	138	284210	41.249	nq	95
63) Azobenzene	15.93	77	1087819	43.142	nq	100
65) 4,6-Dinitro-2-methylphenol	15.72	198	185942	43.621	nq	98
66) n-Nitrosodiphenylamine	15.85	169	985687	40.047	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	355509	37.820	nq	98
68) Hexachlorobenzene	16.65	284	380477	37.563	nq	99
69) Atrazine	16.80	200	383101	47.884	nq	100
70) Pentachlorophenol	16.99	266	432102	77.388	nq	98
71) Phenanthrene	17.38	178	1646143	41.062	nq	99
72) Anthracene	17.47	178	1690662	42.673	nq	99
73) Carbazole	17.74	167	1558775	42.593	nq	99
74) Di-n-butylphthalate	18.31	149	1907341	40.820	nq	100
75) Fluoranthene	19.39	202	1874590	40.888	nq	99
77) Benzidine	19.56	184	1183560	66.295	nq	99
78) Pyrene	19.75	202	1880304	40.558	nq	99
80) Butylbenzylphthalate	20.65	149	904332	40.971	nq	96
81) Benzo(a)anthracene	21.57	228	1819109	41.305	nq	100
82) 3,3'-Dichlorobenzidine	21.49	252	529981	30.460	nq	98
83) Chrysene	21.64	228	1727037	41.270	nq	100
84) Bis(2-ethylhexyl)phthalate	21.50	149	1258924	41.337	nq	99
85) Di-n-octyl phthalate	22.68	149	2162920	42.244	nq	100
86) Indeno(1,2,3-cd)pyrene	28.27	276	2308225	40.587	nq	99
88) Benzo(b)fluoranthene	23.73	252	1957127	40.657	nq	99
89) Benzo(k)fluoranthene	23.80	252	1871281	40.879	nq	99
90) Benzo(a)pyrene	24.58	252	1804173	39.710	nq	99
91) Dibenzo(a,h)anthracene	28.33	278	1899356	41.626	nq	99
92) Benzo(g,h,i)perylene	29.38	276	1908494	42.108	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

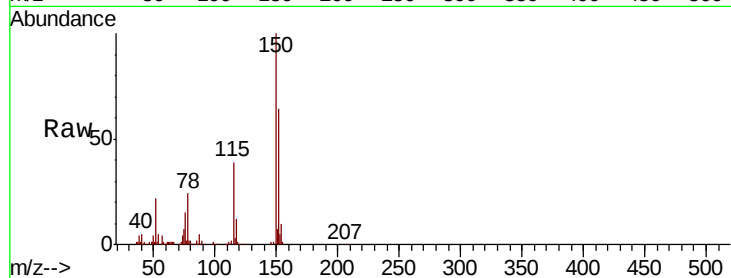
ClientSampleId :

PB125896BS

Tot Ion:	152	Resp:	127051
Ion Ratio	Lower	Upper	
152	100		
150	157.2	127.0	190.4
115	61.0	47.8	71.8

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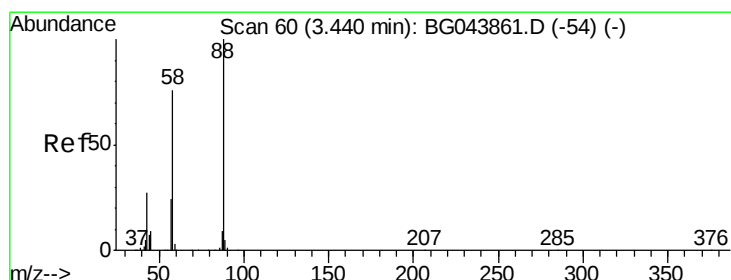
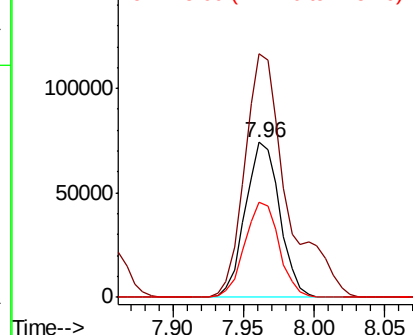
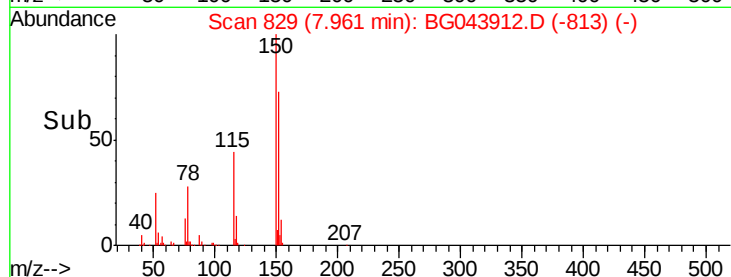


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.948 ng

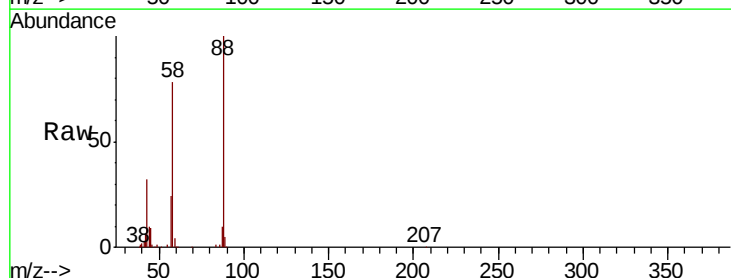
RT: 3.43 min Scan# 58

Delta R.T. -0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:	88	Resp:	120526
Ion Ratio	Lower	Upper	
88	100		
58	76.3	59.8	89.8
43	31.6	22.9	34.3

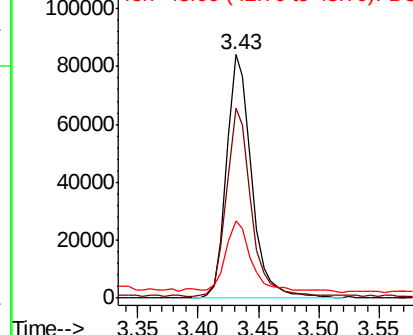
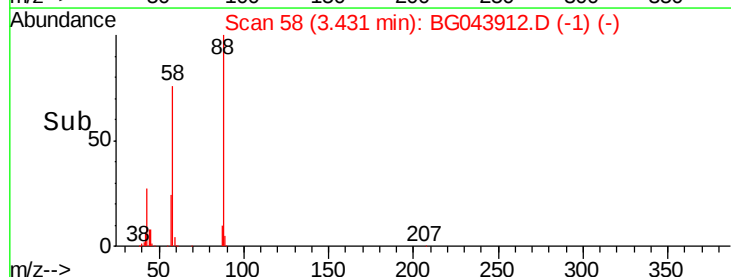


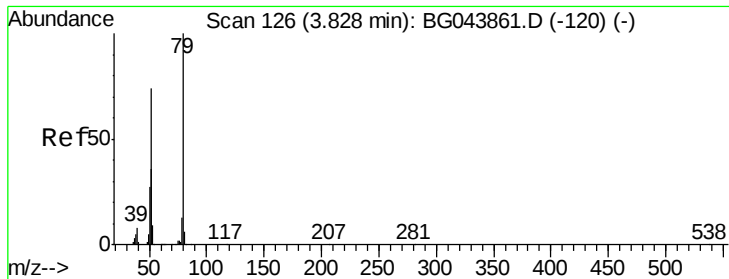
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.659 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

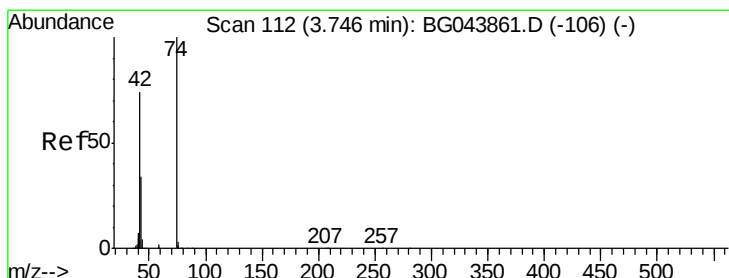
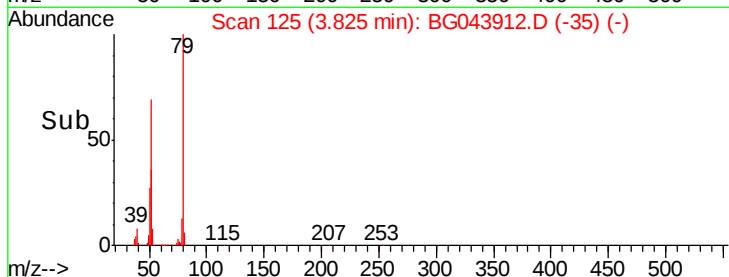
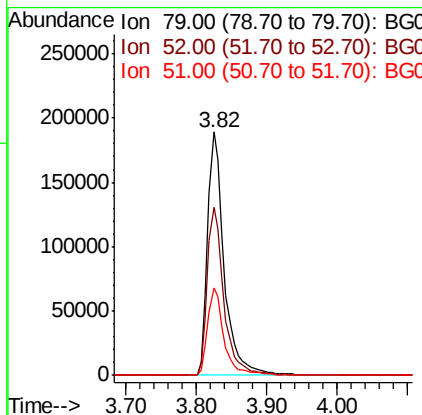
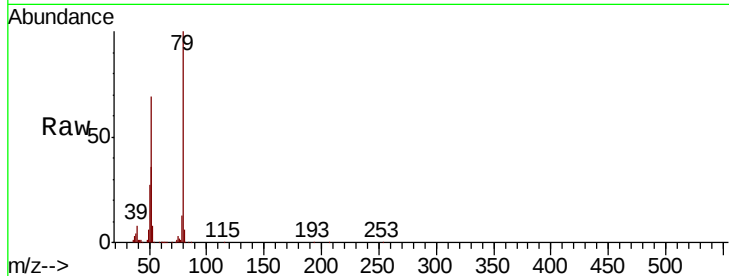
ClientSampleId :

PB125896BS

Tot Ion:	79	Resp:	308909
Ion Ratio	Lower	Upper	
79	100		
52	69.3	58.9	88.3
51	36.1	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 42.304 ng

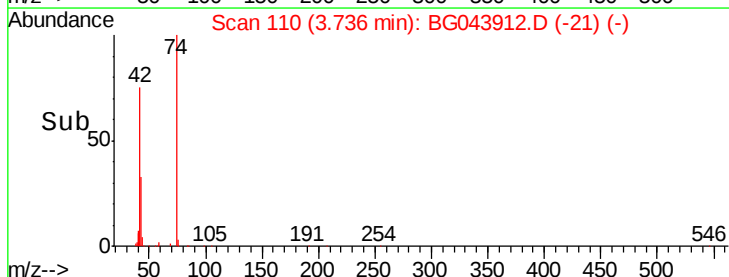
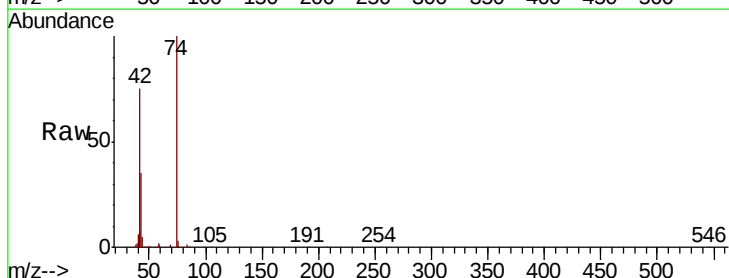
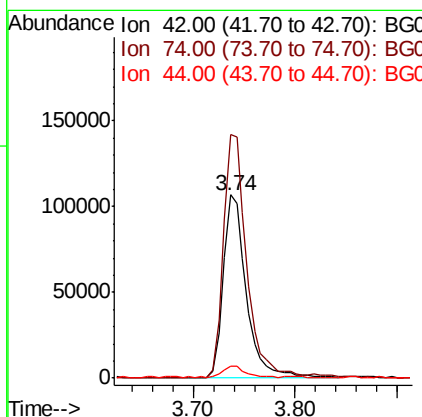
RT: 3.74 min Scan# 110

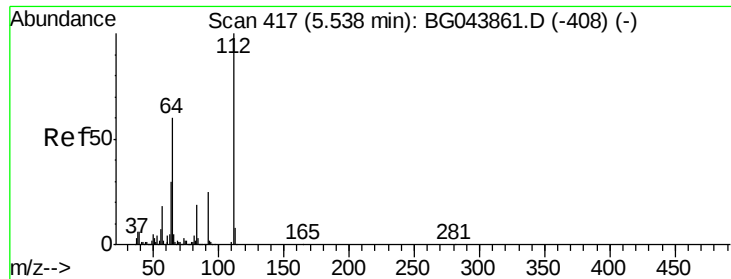
Delta R.T. -0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:	42	Resp:	167871
Ion Ratio	Lower	Upper	
42	100		
74	132.8	108.6	162.8
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 94.479 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

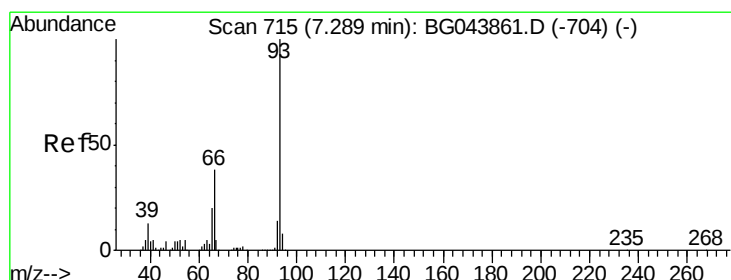
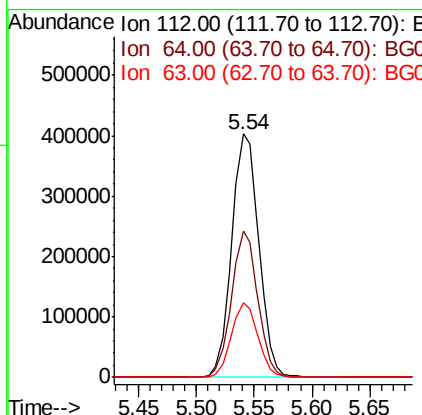
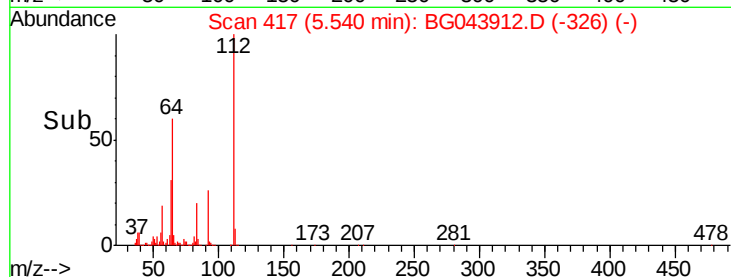
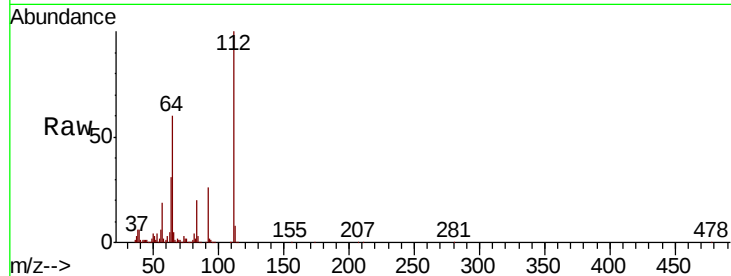
ClientSampleId :

PB125896BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	653753		
64	60.0		47.8	71.6
63	30.7		24.3	36.5

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#6

Aniline

Concen: 34.593 ng

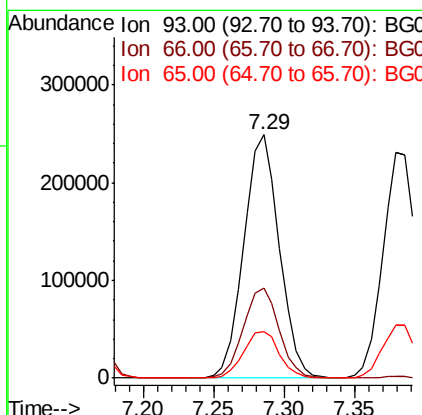
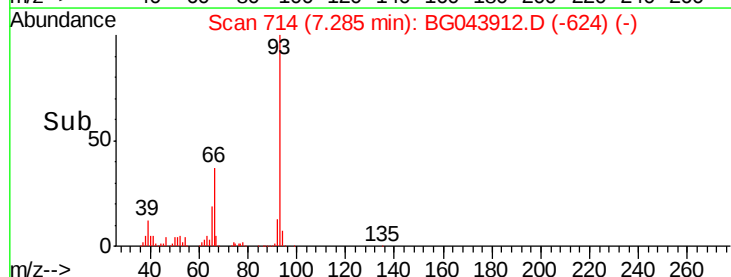
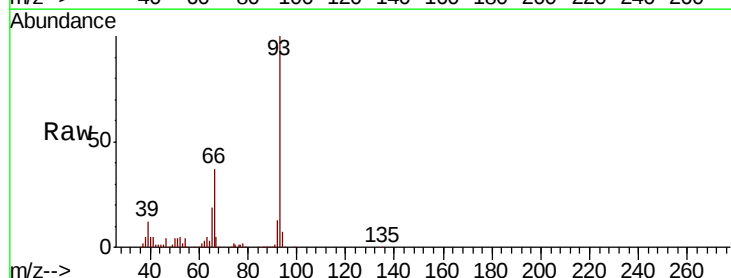
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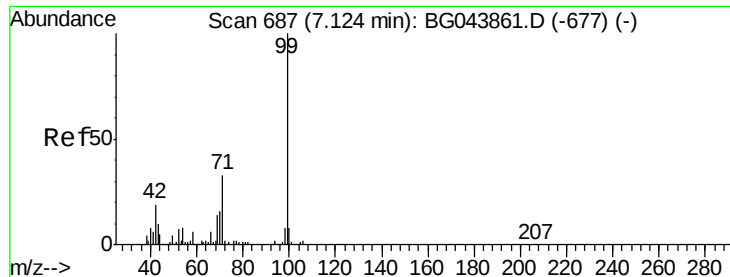
Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	439471		
66	37.0		30.8	46.2
65	18.9		16.0	24.0





#7

Phenol-d6

Concen: 89.559 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

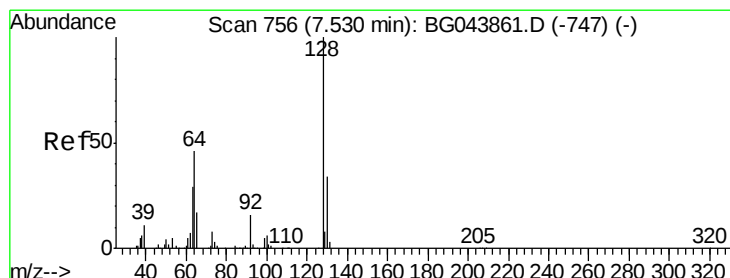
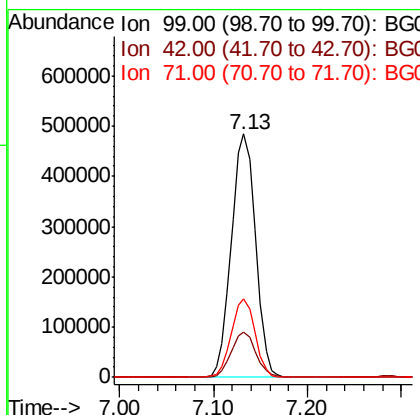
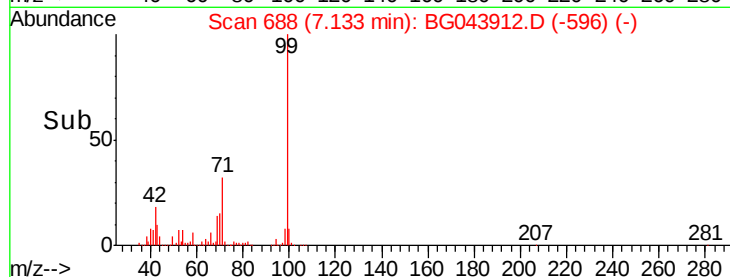
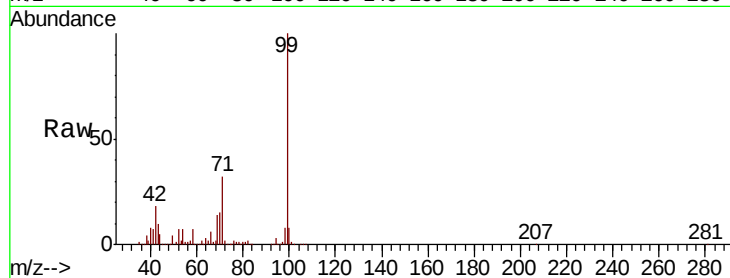
ClientSampleId :

PB125896BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		866236		
42	18.4	14.9	22.3		
71	32.5	26.4	39.6		

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#8

2-Chlorophenol

Concen: 50.536 ng

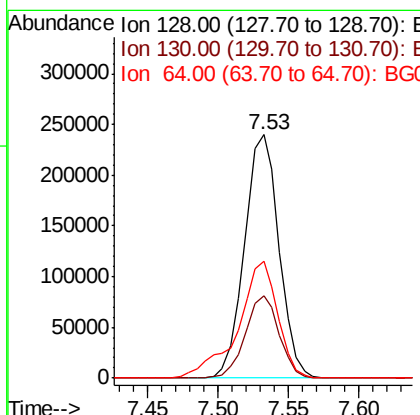
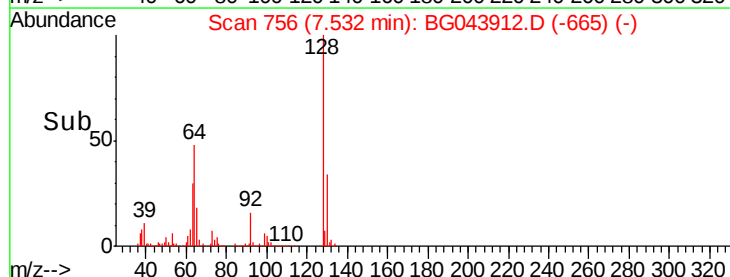
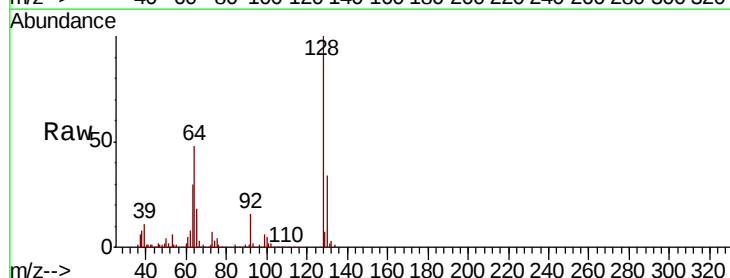
RT: 7.53 min Scan# 756

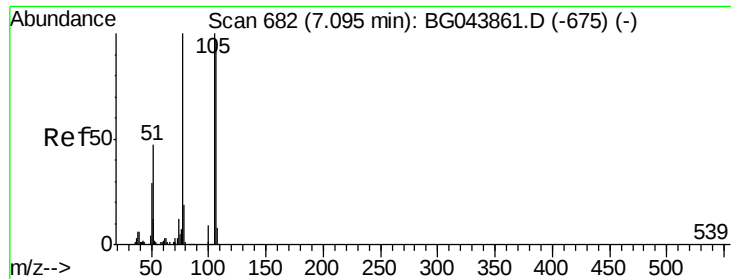
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		410519		
130	34.0	13.8	53.8		
64	48.2	27.6	67.6		





#9

Benzaldehyde

Concen: 40.632 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

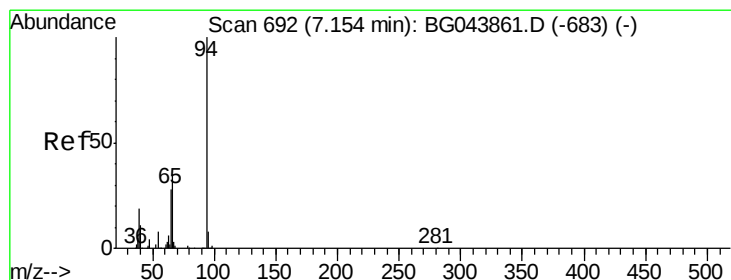
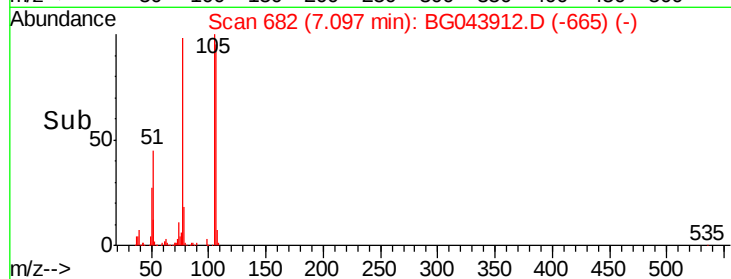
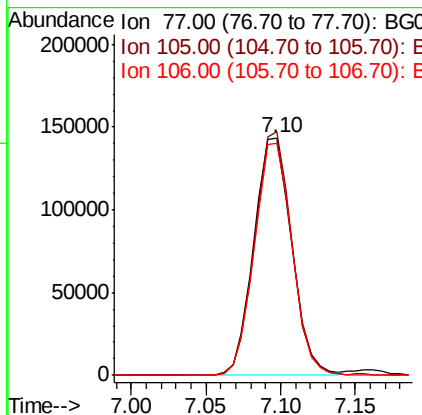
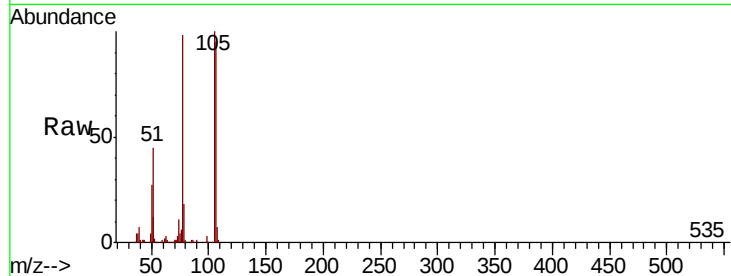
ClientSampleId :

PB125896BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.5	80.2	120.2
106	97.8	77.2	117.2

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#10

Phenol

Concen: 51.021 ng

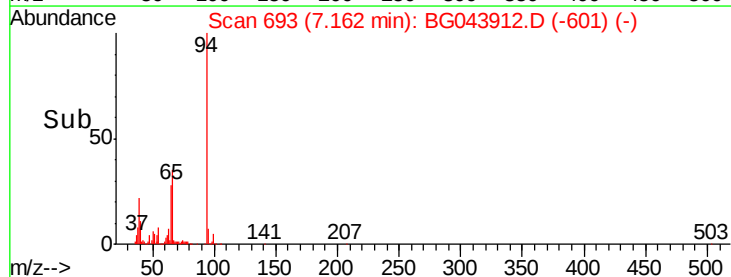
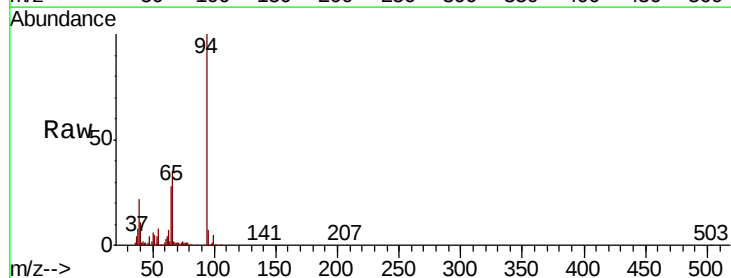
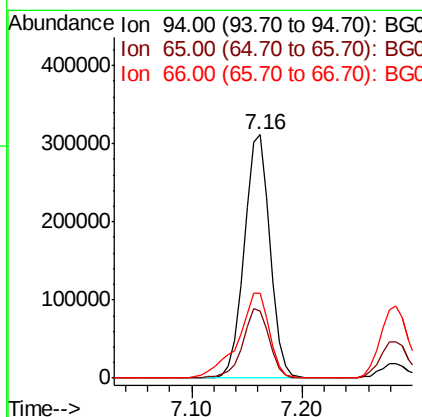
RT: 7.16 min Scan# 693

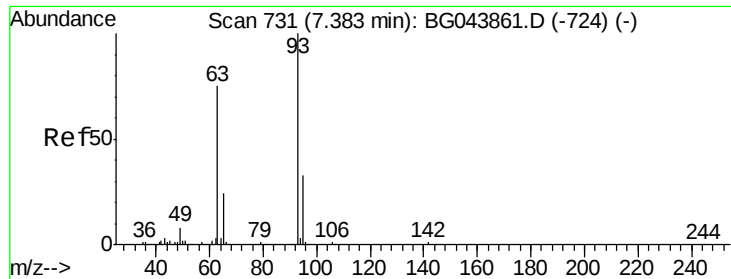
Delta R.T. 0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.7	8.1	48.1
66	34.7	15.6	55.6





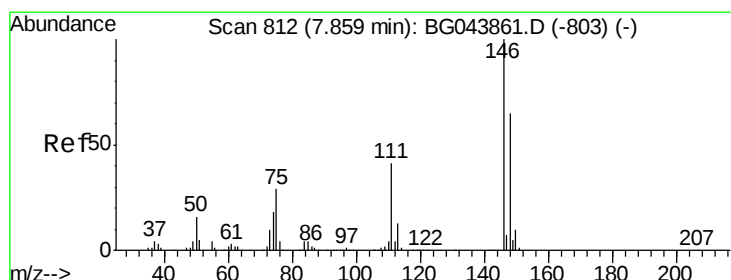
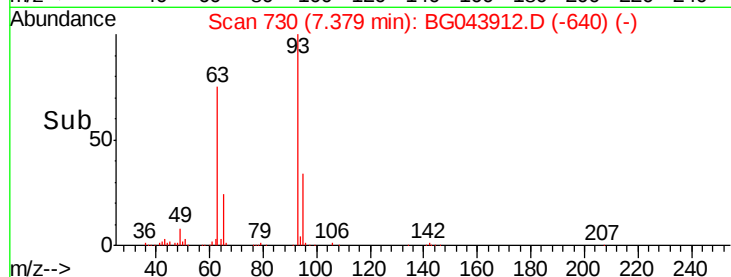
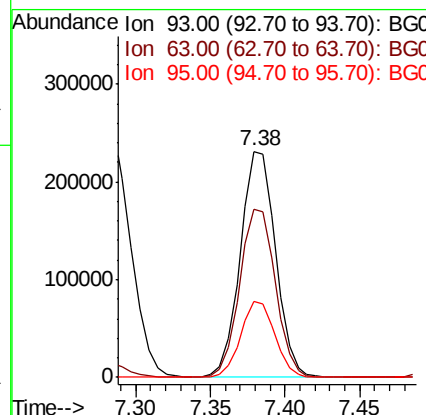
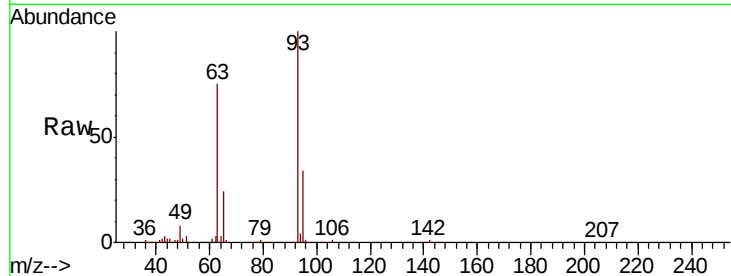
#11
bis(2-Chloroethyl)ether
Concen: 43.983 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.6	55.0	95.0
95	33.6	13.3	53.3

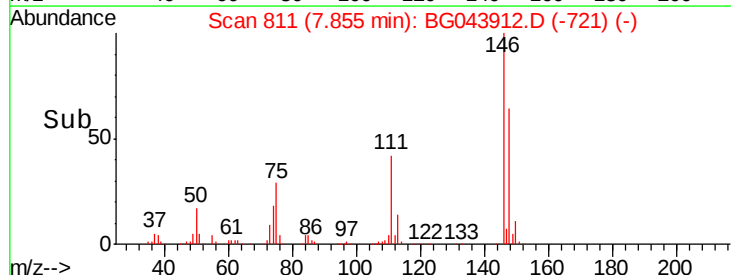
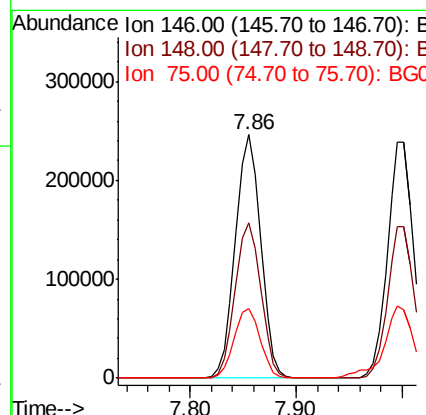
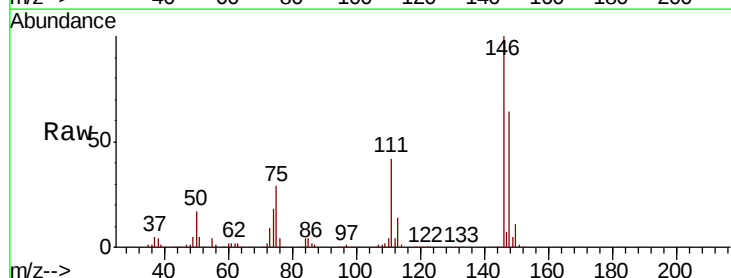
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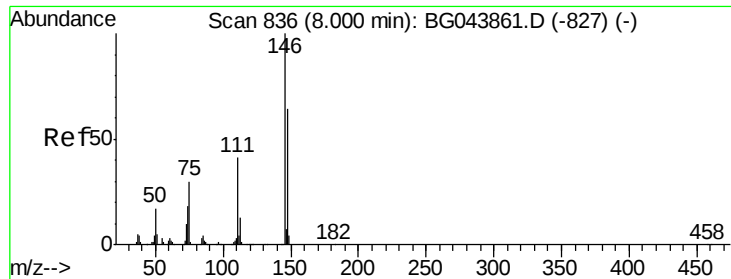
mohammad
1/6/2020 11:42:04 AM



#12
1,3-Dichlorobenzene
Concen: 42.898 ng
RT: 7.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	28.8	23.0	34.4





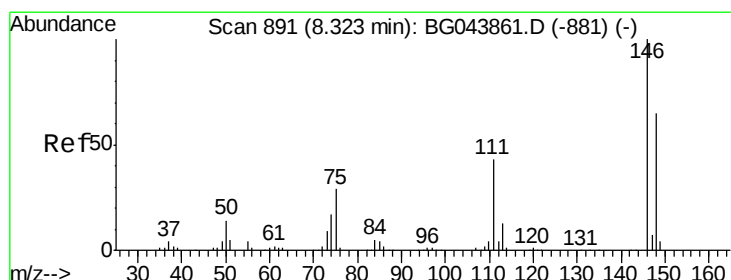
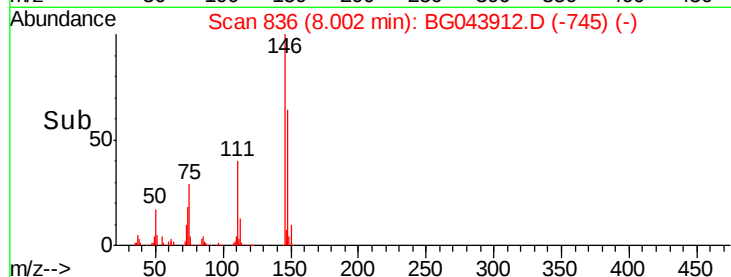
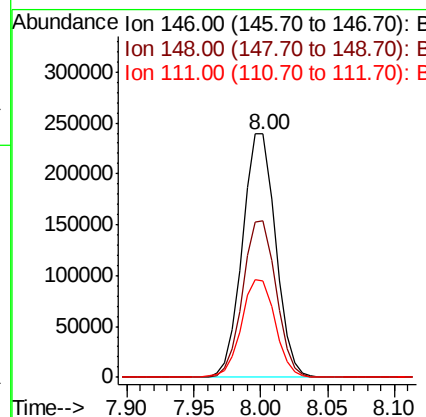
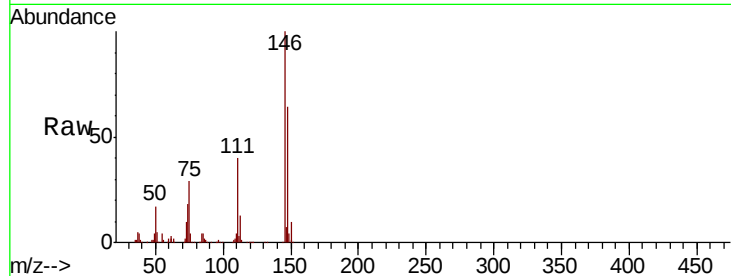
#13
 1,4-Dichlorobenzene
 Concen: 43.845 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	39.6	33.1	49.7

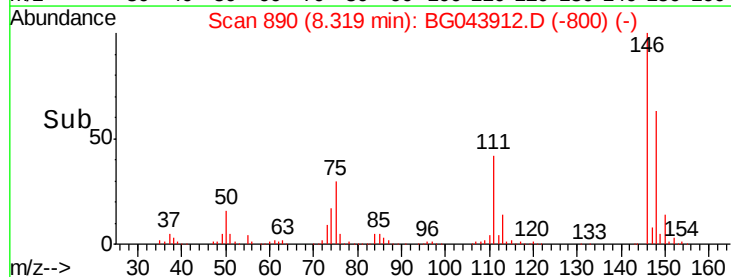
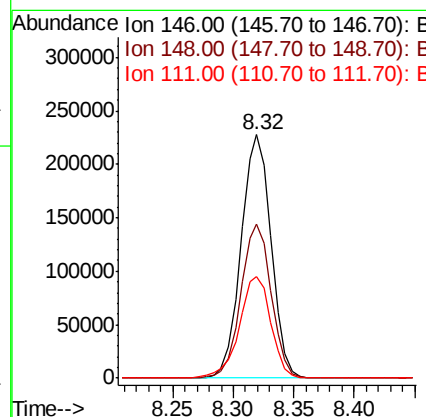
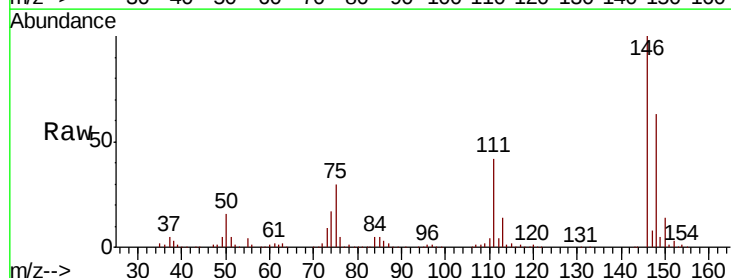
Manual Integrations
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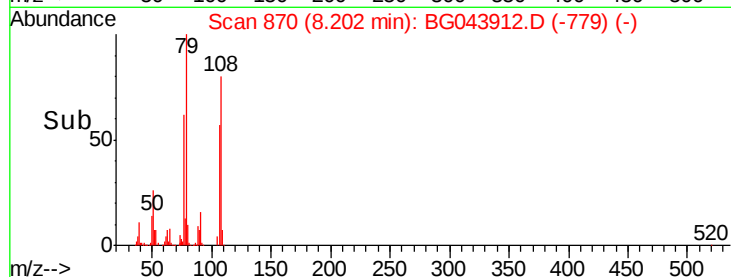
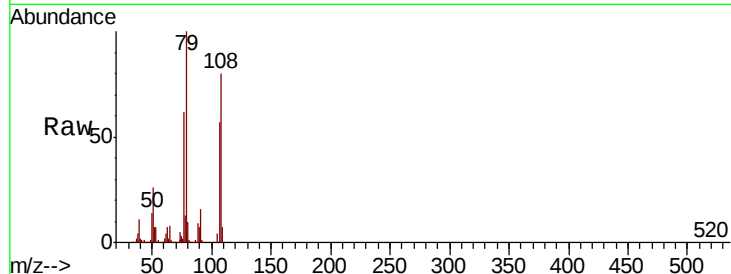
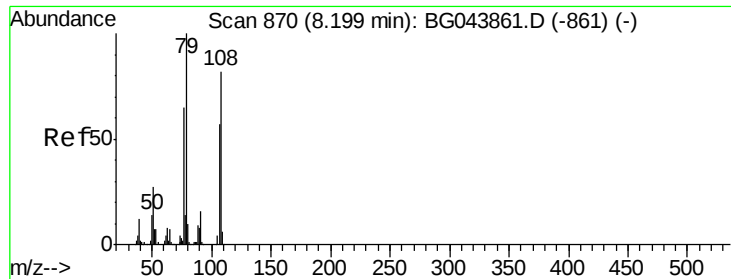
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.619 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.7	77.5
111	41.7	34.4	51.6





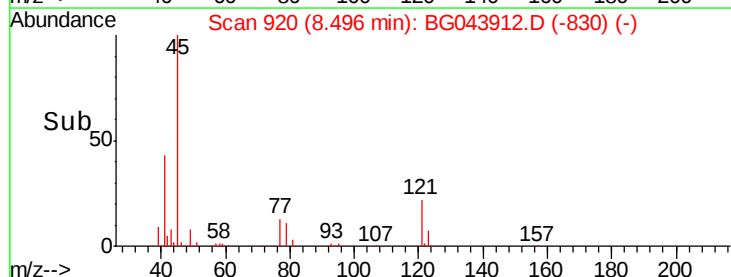
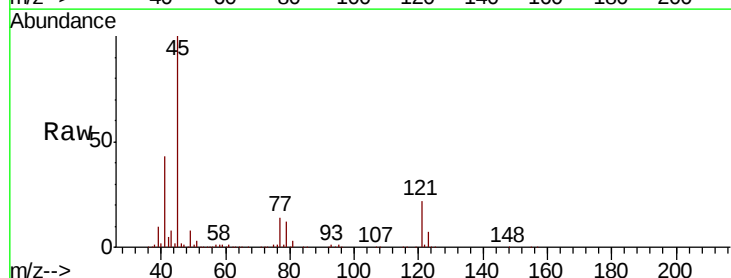
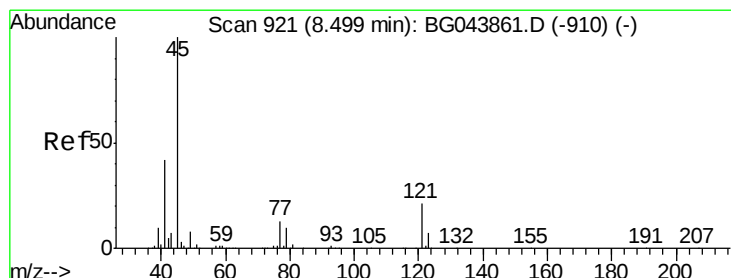
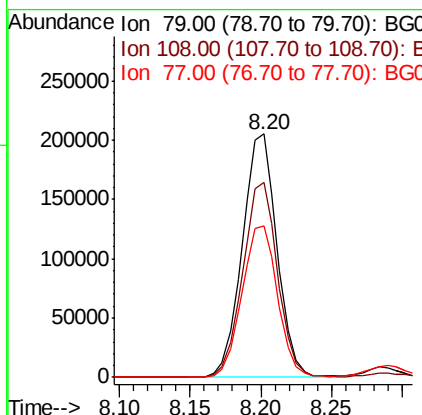
#15
Benzyl Alcohol
Concen: 46.279 ng
RT: 8.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	65.6	98.4
77	62.1	52.0	78.0

Instrument :
BNA_G
ClientSampleID :
PB125896BS

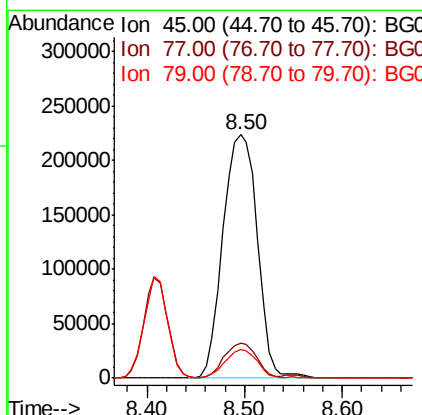
Manual Integrations
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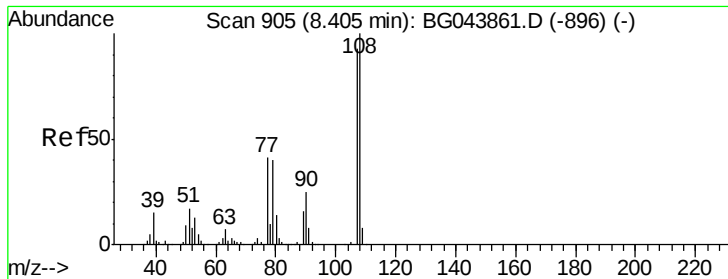
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.922 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.8
79	11.6	0.0	31.0





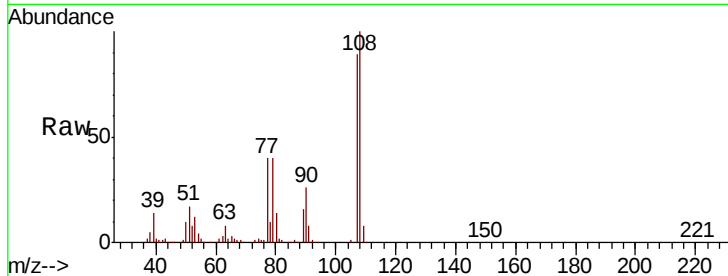
#17
2-Methylphenol
Concen: 49.244 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	86.1	129.1	
77	44.8	35.4	53.0	
79	45.5	34.8	52.2	

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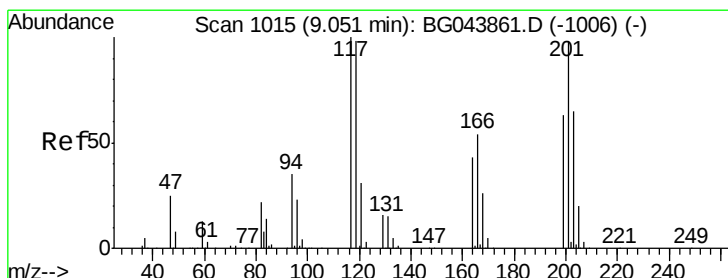
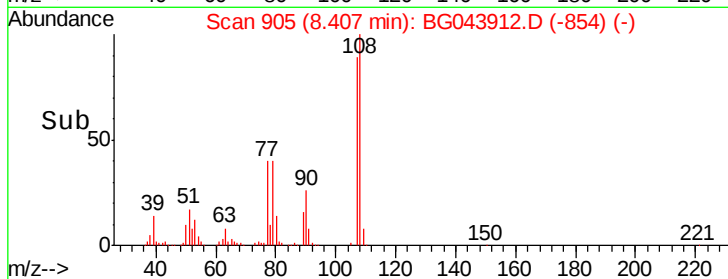
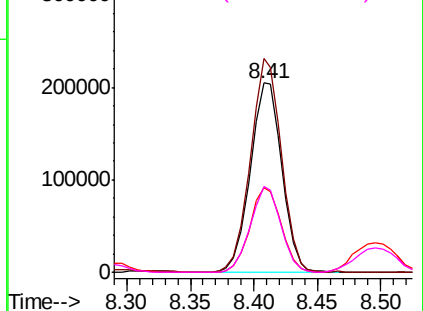
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

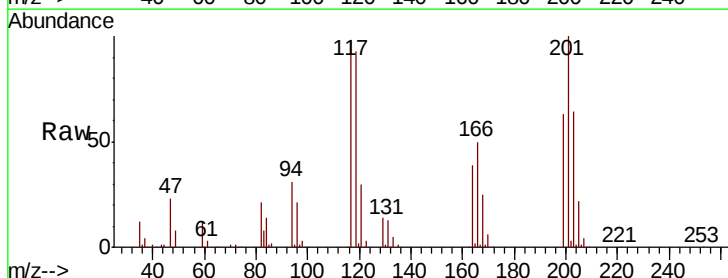
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.859 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	78.1	117.1	
201	101.6	78.6	117.8	

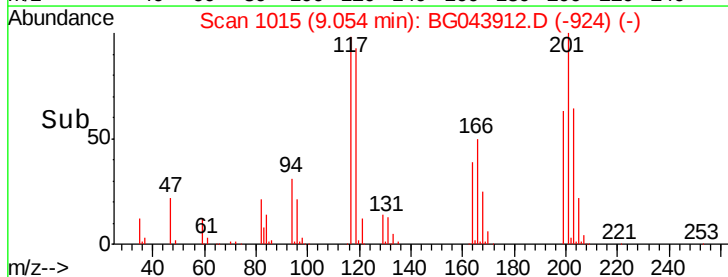
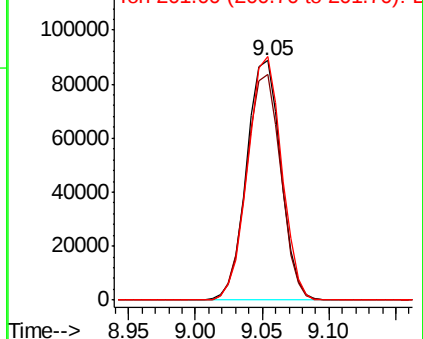


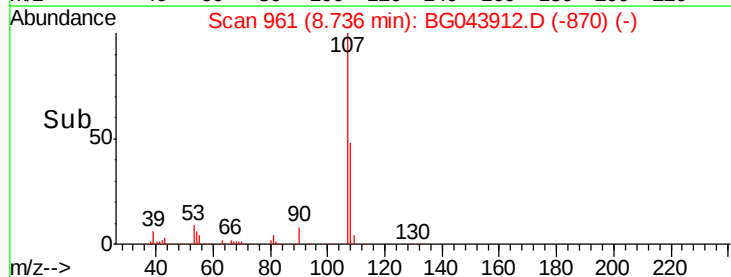
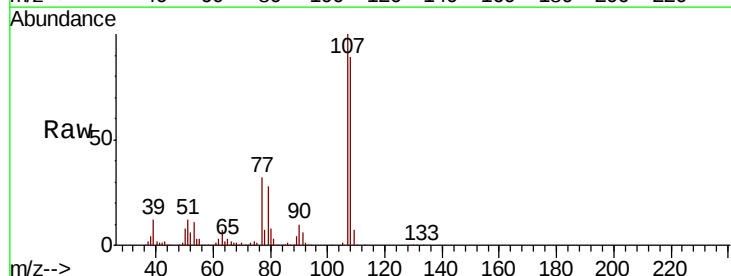
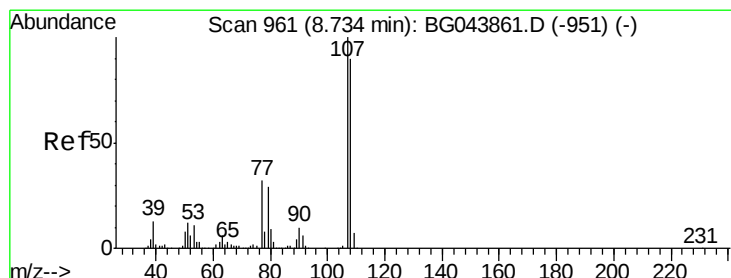
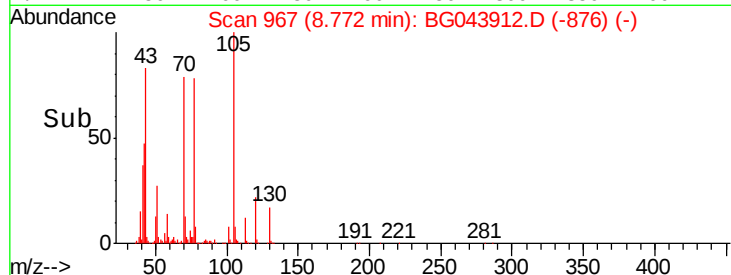
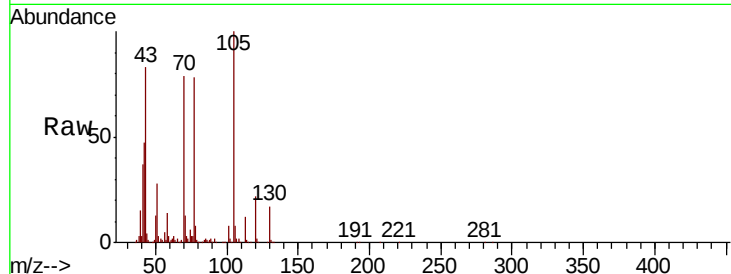
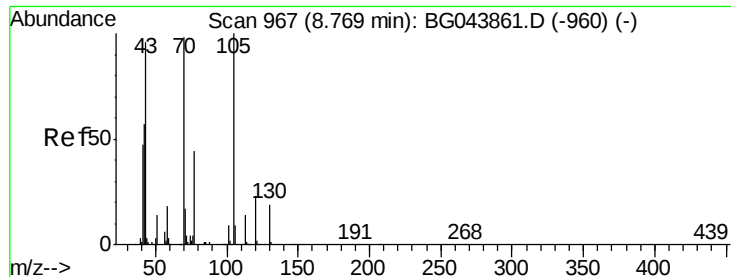
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

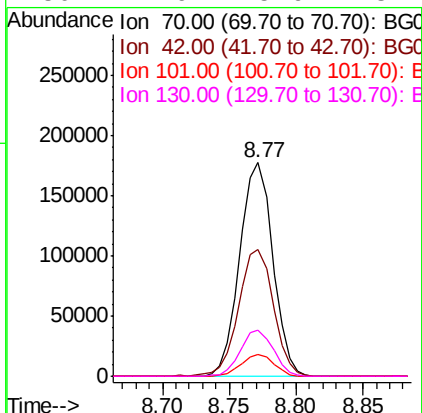
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 42.406 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.1	47.0	70.4	
101	10.3	7.2	10.8	
130	21.6	15.6	23.4	



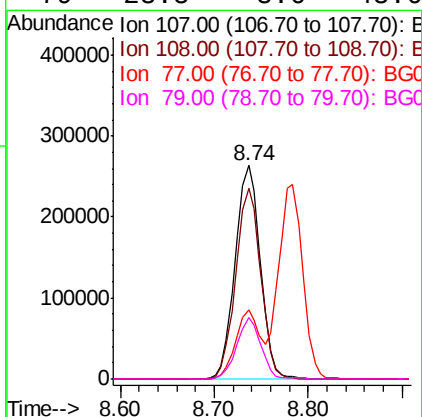
Instrument :
BNA_G
ClientSampleId :
PB125896BS

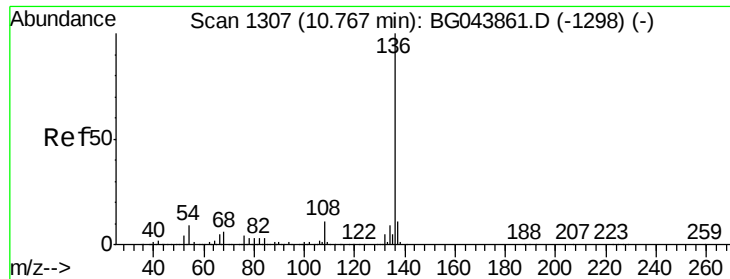
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#20
3+4-Methylphenols
Concen: 48.744 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	70.3	110.3	
77	32.1	12.4	52.4	
79	28.5	8.6	48.6	





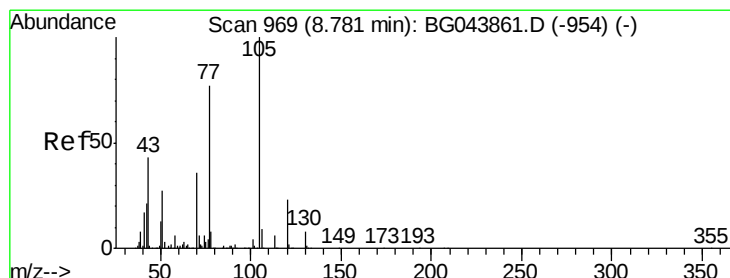
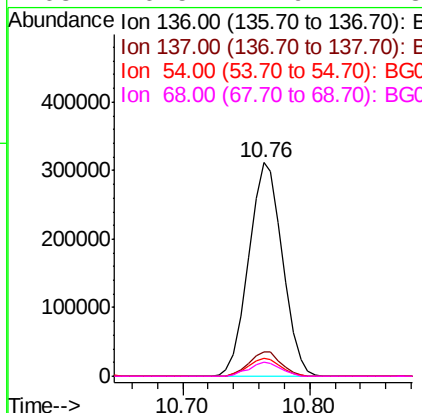
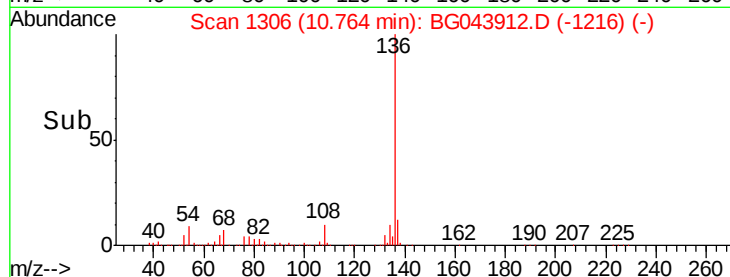
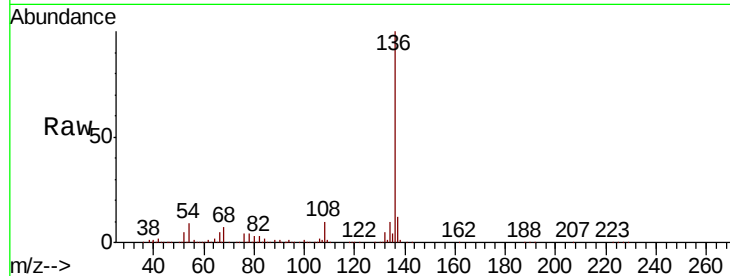
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		575794		
137	11.5	8.8	13.2		
54	8.6	7.0	10.4		
68	6.5	4.9	7.3		

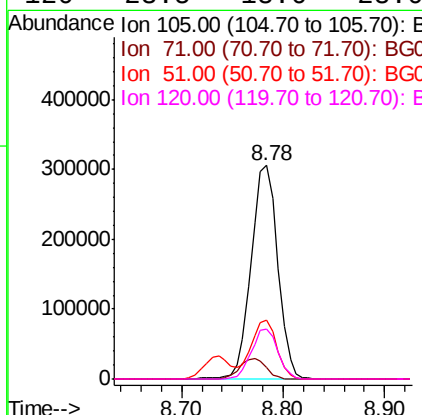
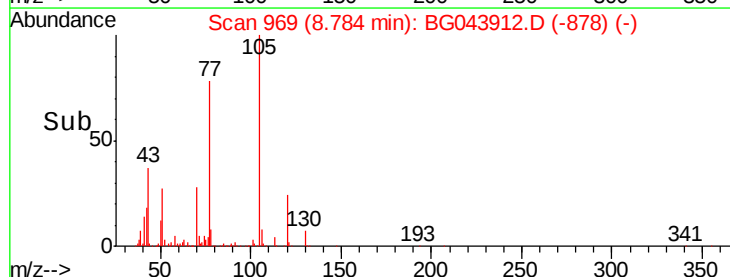
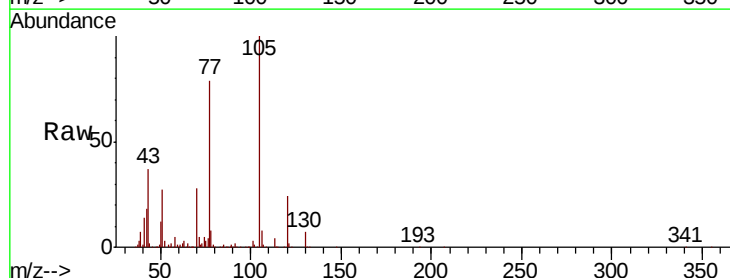
Manual Integrations
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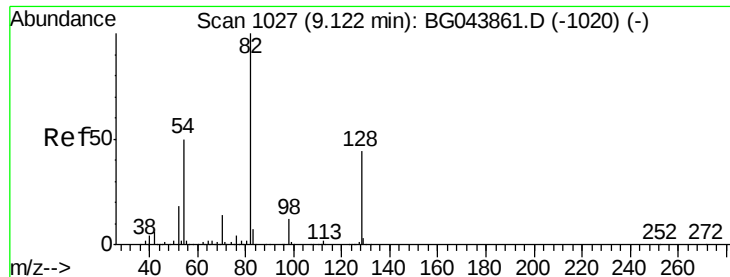
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#22
Acetophenone
Concen: 39.103 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		559751		
71	5.1	4.8	7.2		
51	27.3	21.4	32.0		
120	23.5	18.6	28.0		





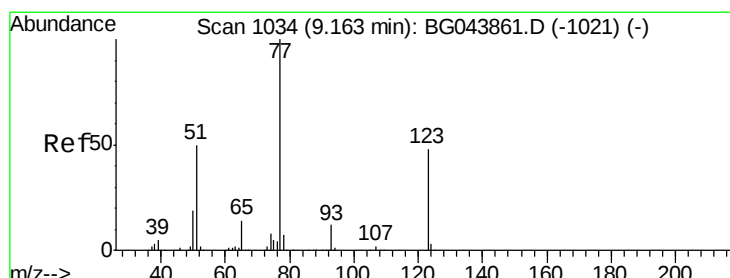
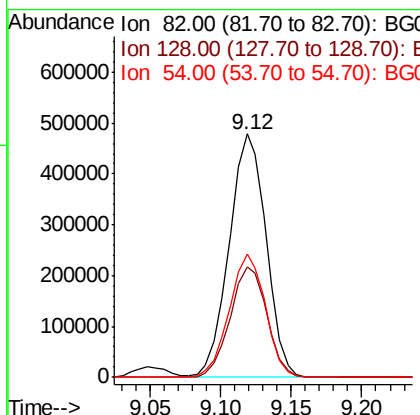
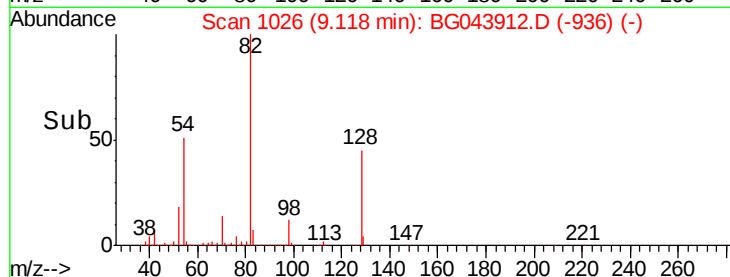
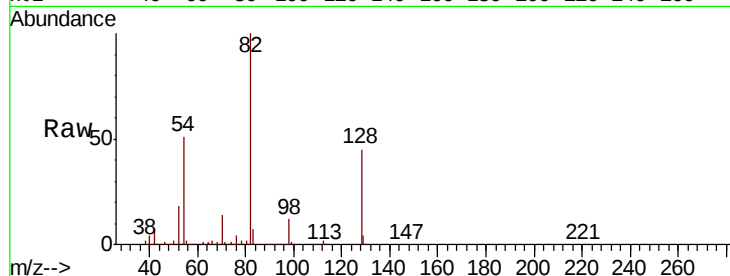
#23
 Nitrobenzene-d5
 Concen: 80.874 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	35.1	52.7
54	50.7	40.1	60.1

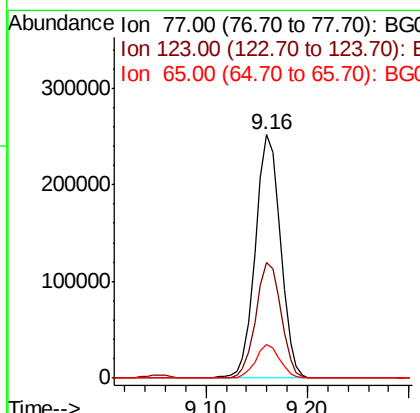
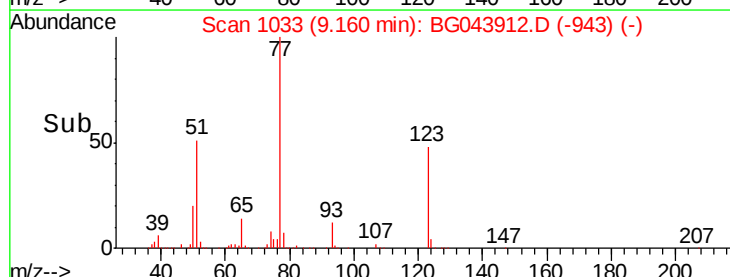
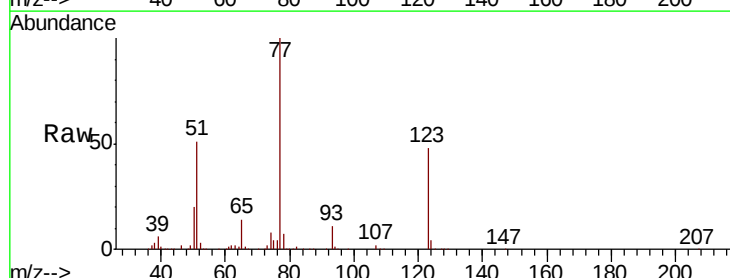
Manual Integrations
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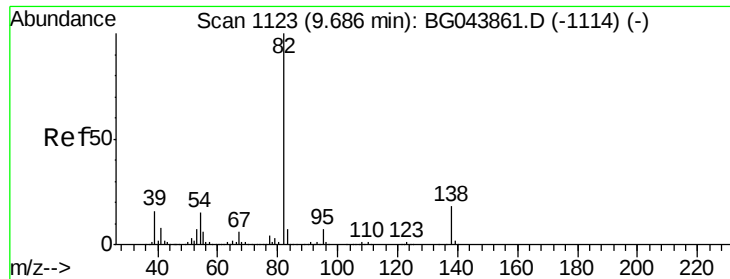
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#24
 Nitrobenzene
 Concen: 40.802 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.7	58.1
65	14.0	11.1	16.7





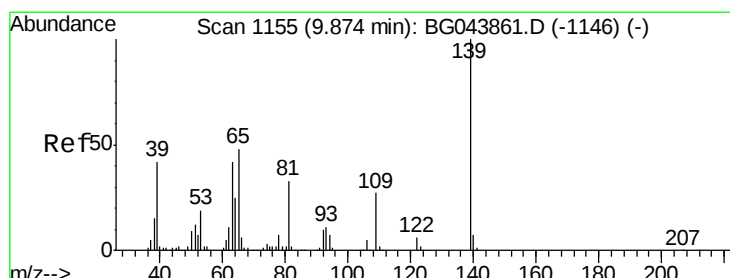
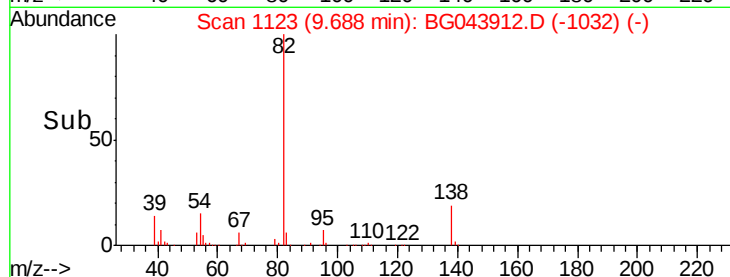
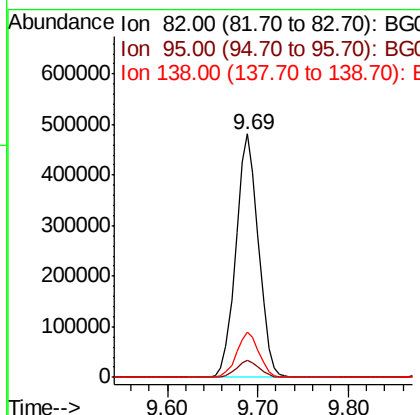
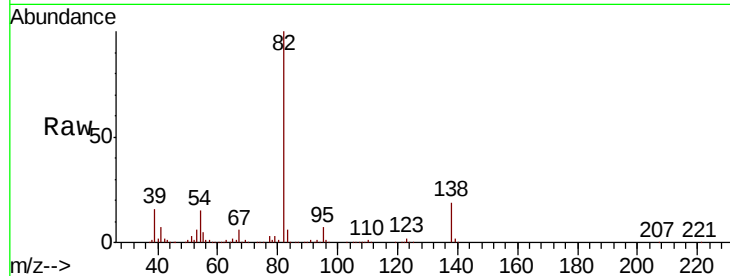
#25
Isophorone
Concen: 41.105 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	18.6	14.6	22.0

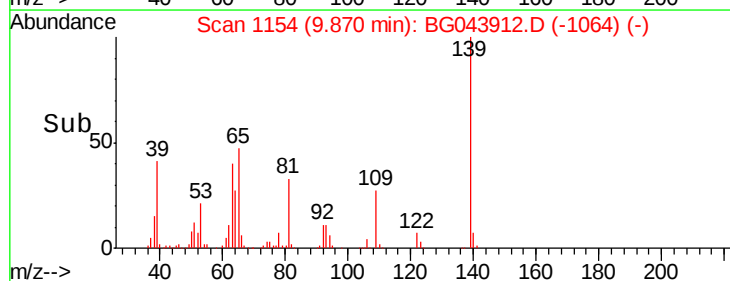
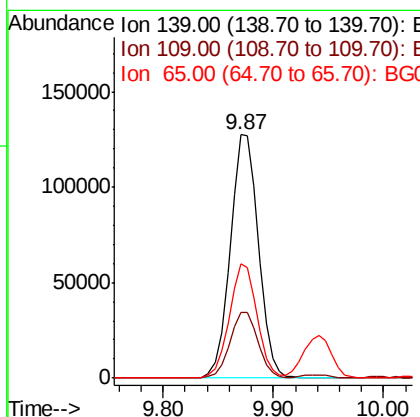
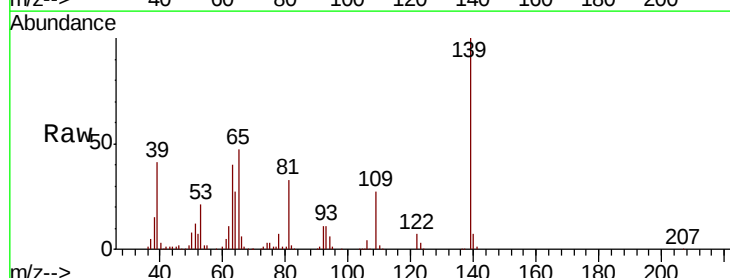
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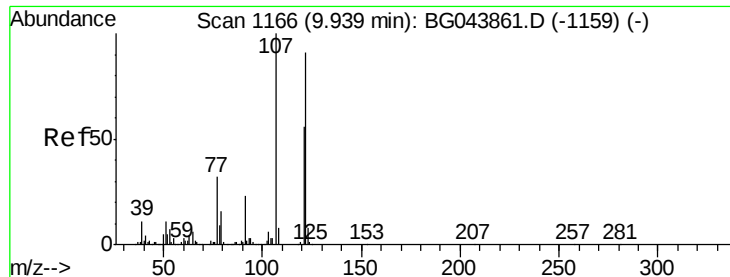
mohammad
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#26
2-Nitrophenol
Concen: 45.232 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.9	21.3	31.9
65	47.1	38.6	57.8





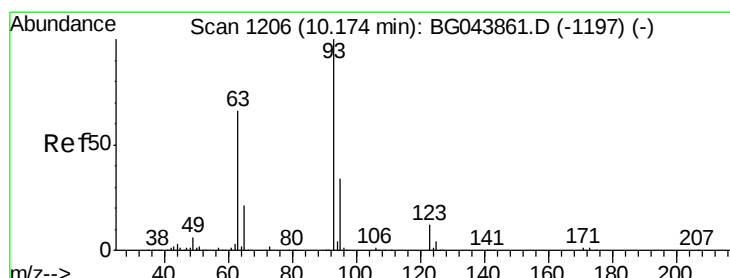
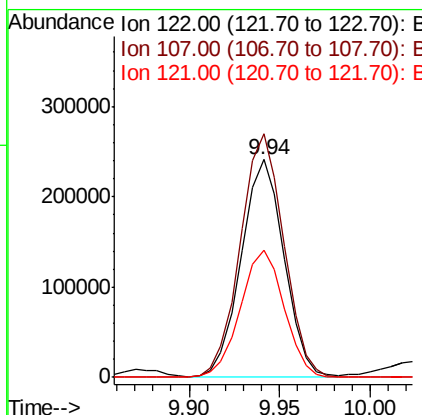
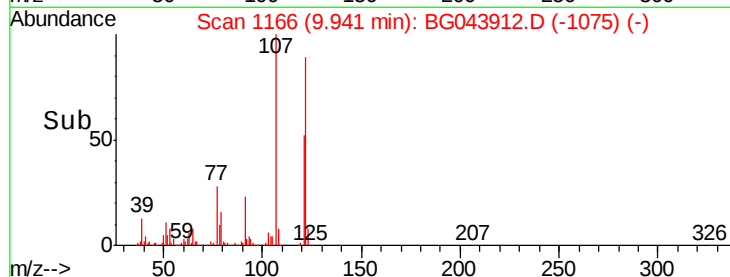
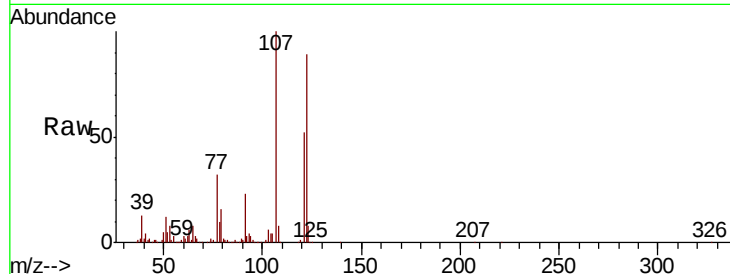
#27
2,4-Dimethylphenol
Concen: 52.115 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	395657		
107	111.9	88.0	132.0	
121	58.7	49.0	73.4	

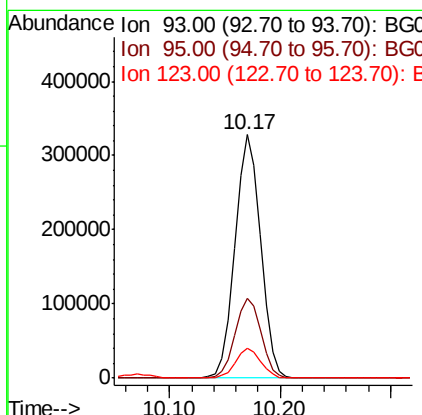
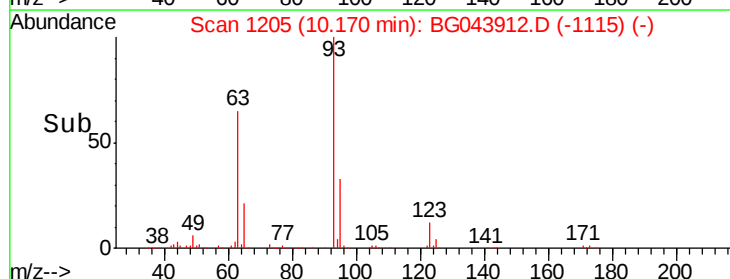
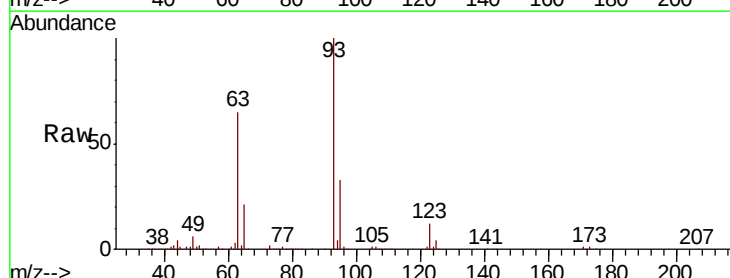
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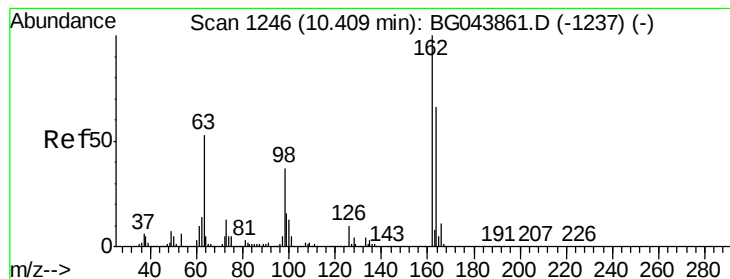
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.766 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	535337		
95	32.9	27.2	40.8	
123	12.0	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 45.337 ng

RT: 10.41 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

ClientSampleId :

PB125896BS

Tot Ion:162 Resp: 410572

Ion Ratio Lower Upper

162 100

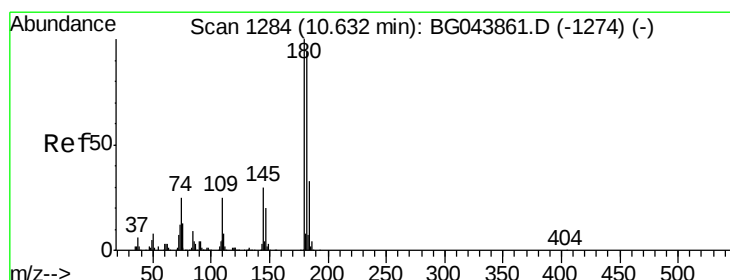
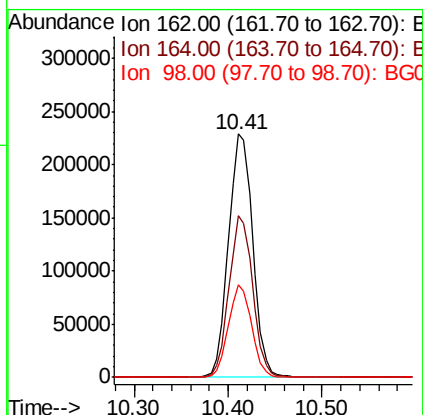
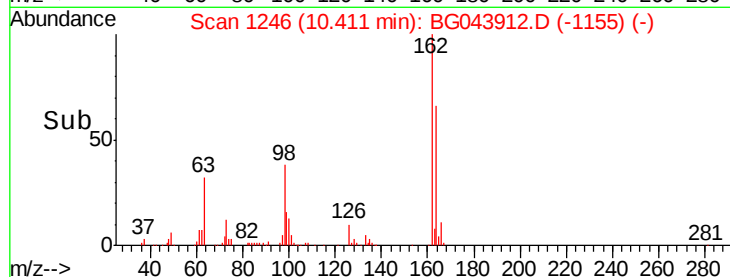
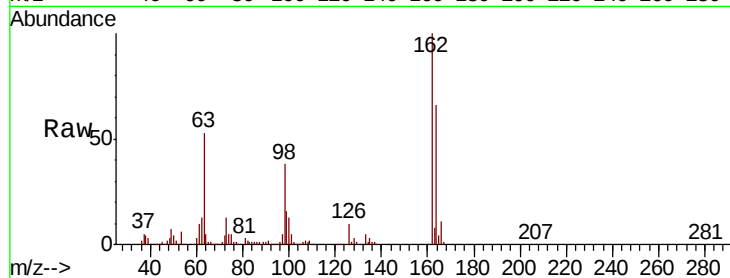
164 66.4 46.3 86.3

98 38.0 17.3 57.3

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#30

1,2,4-Trichlorobenzene

Concen: 39.189 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

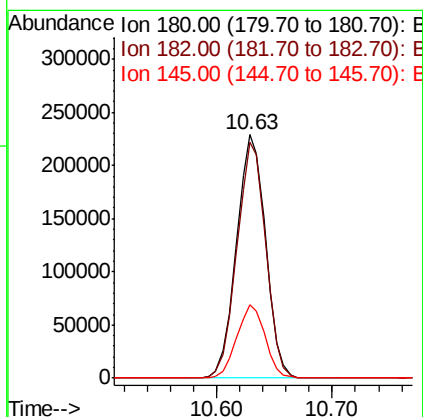
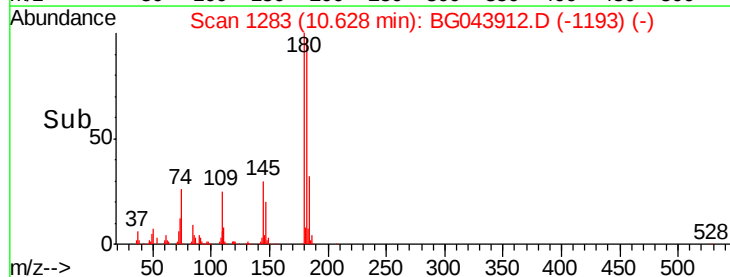
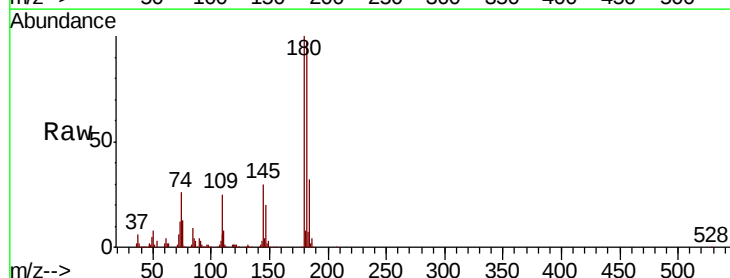
Tgt Ion:180 Resp: 397928

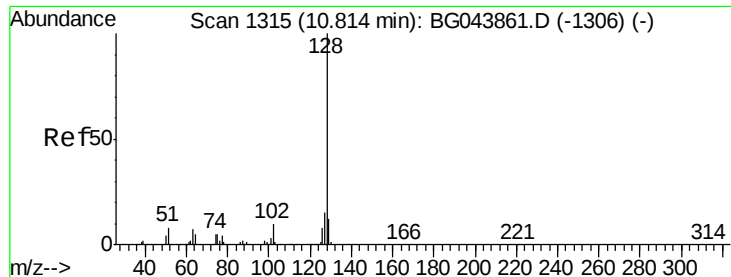
Ion Ratio Lower Upper

180 100

182 96.8 75.0 112.4

145 30.4 24.2 36.4





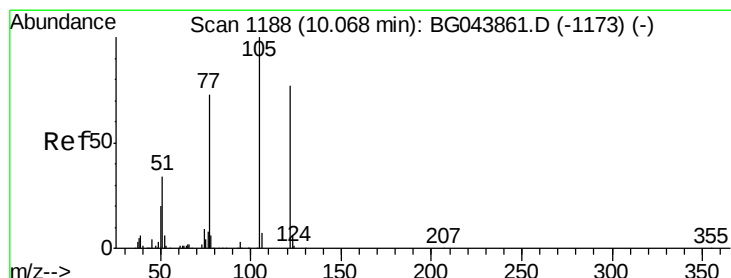
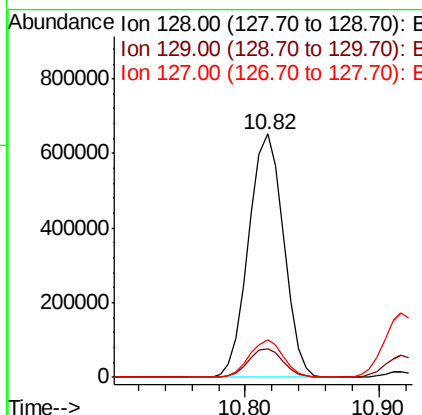
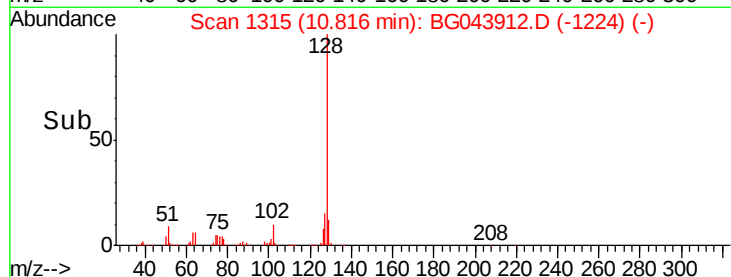
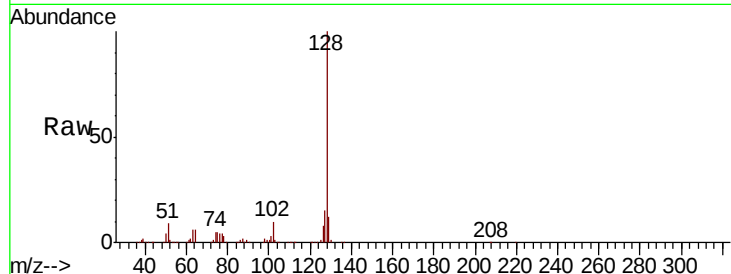
#31
Naphthalene
Concen: 42.357 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	15.3	12.0	18.0

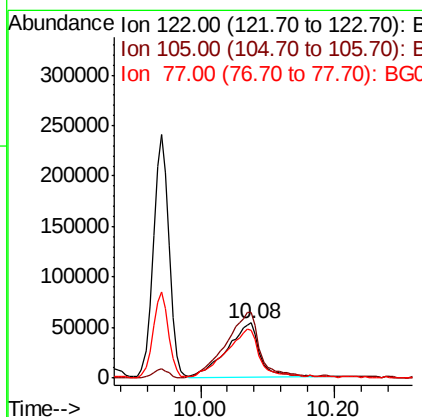
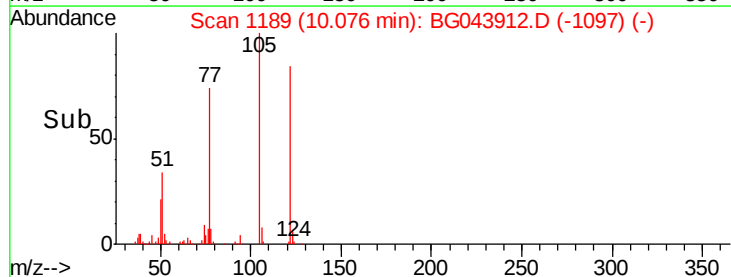
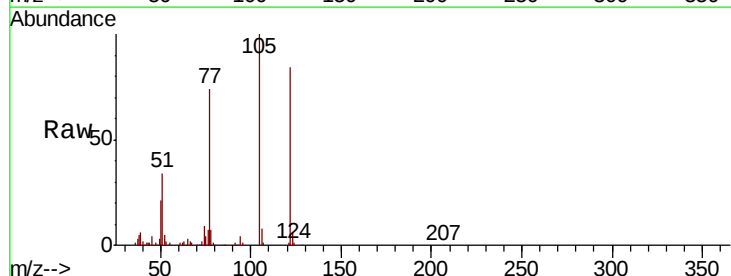
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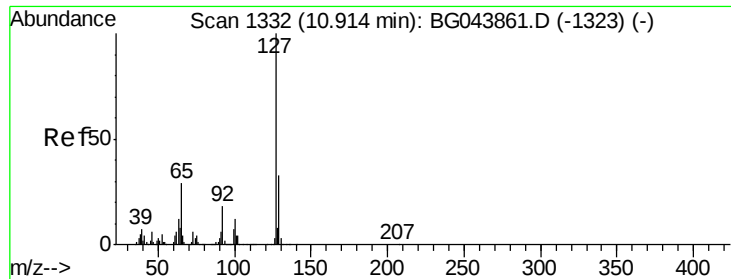
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#32
Benzoic acid
Concen: 32.357 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.5	106.4	146.4
77	87.6	74.6	114.6





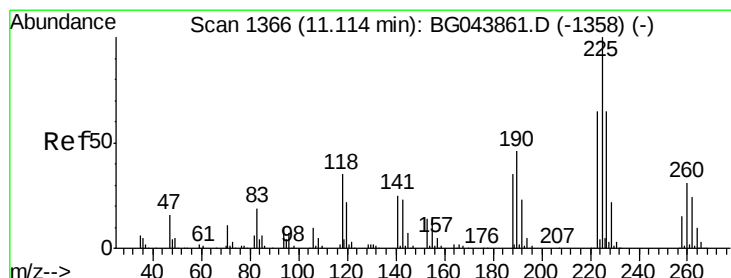
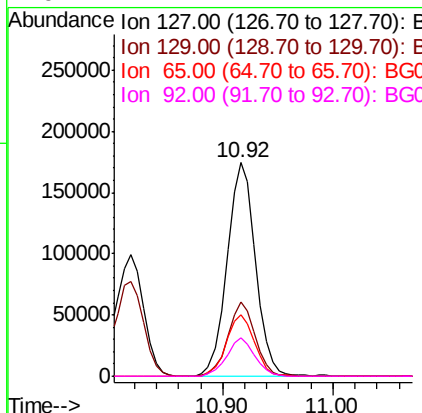
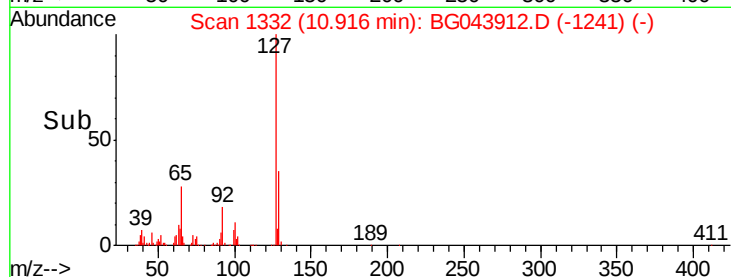
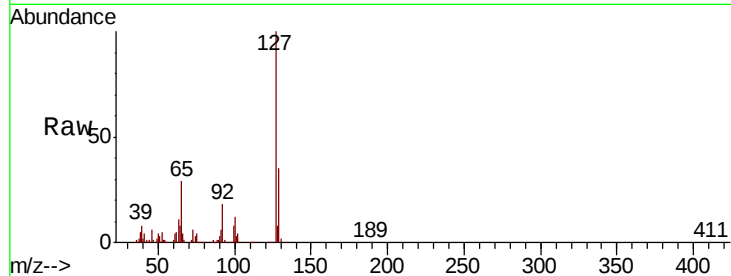
#33
4-Chloroaniline
Concen: 23.683 ng
RT: 10.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.5	26.6	40.0		
65	28.6	23.3	34.9		
92	17.7	14.7	22.1		

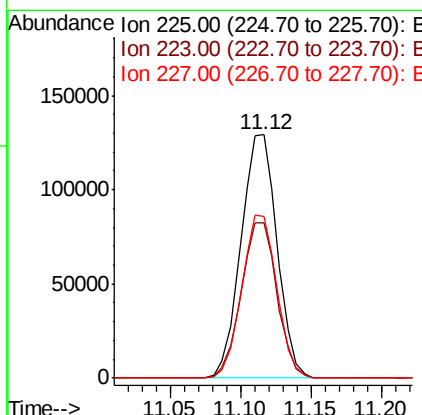
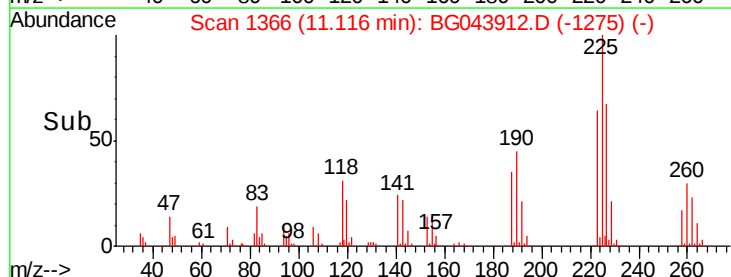
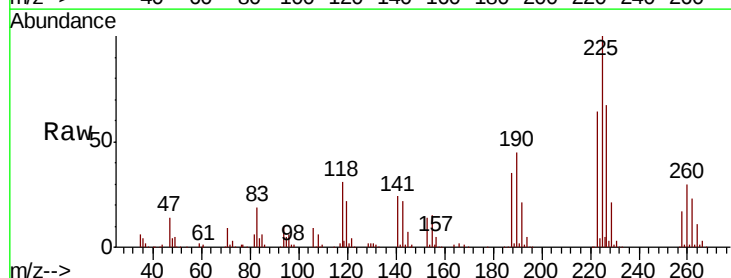
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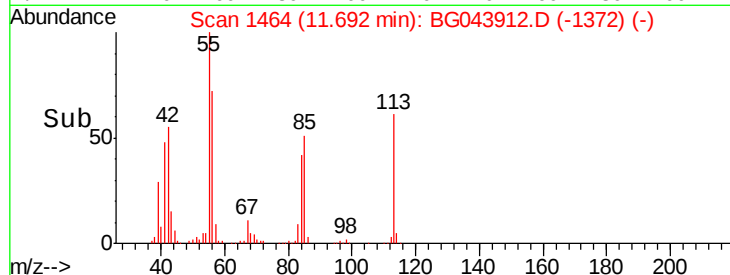
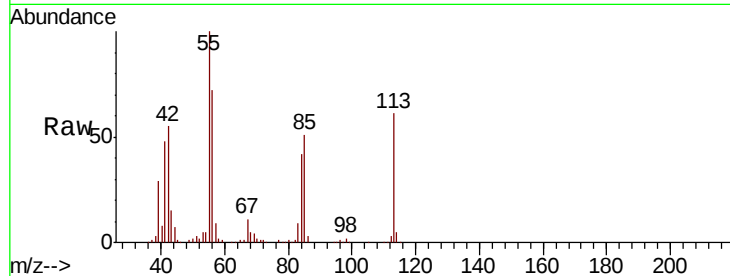
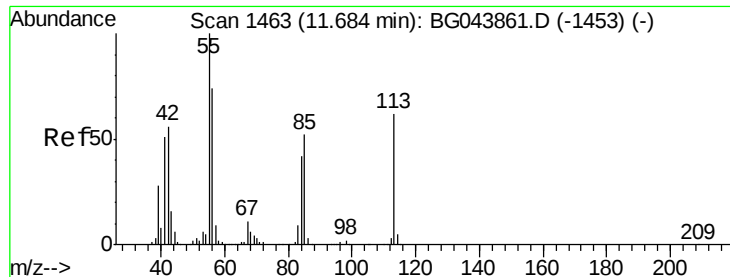
mohammad
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#34
Hexachlorobutadiene
Concen: 37.239 ng
RT: 11.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	52.2	78.4		
227	66.6	52.1	78.1		





#35

Caprolactam

Concen: 46.657 ng/mL

RT: 11.69 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

ClientSampleId :

PB125896BS

Tot Ion:113 Resp: 157291

Ion Ratio Lower Upper

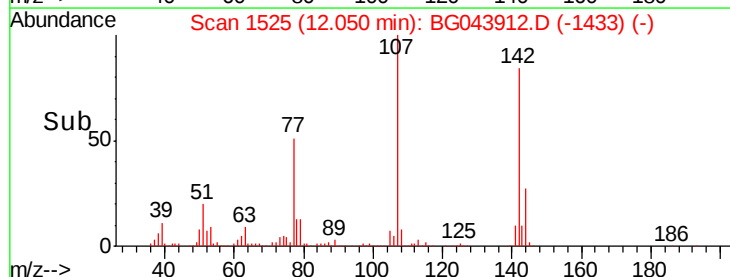
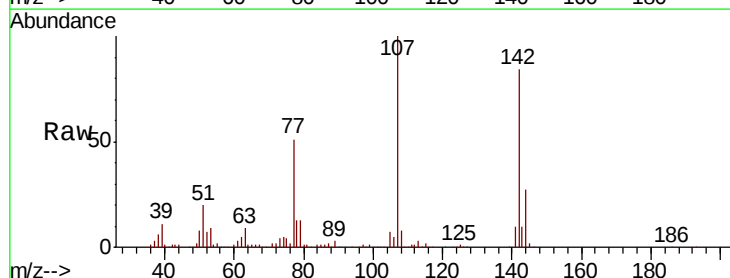
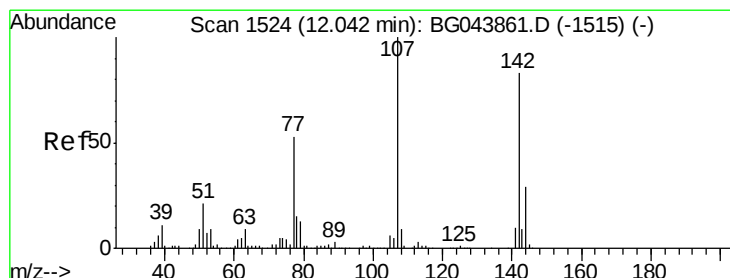
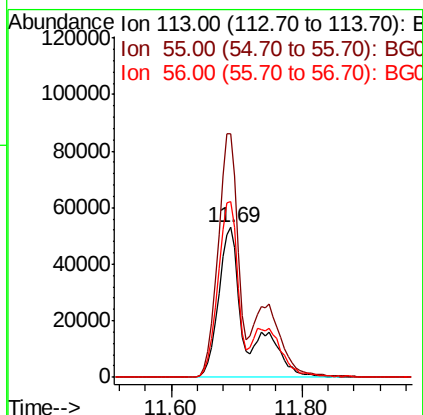
113 100

55 162.8 142.5 182.5

56 117.8 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 45.008 ng/mL

RT: 12.05 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

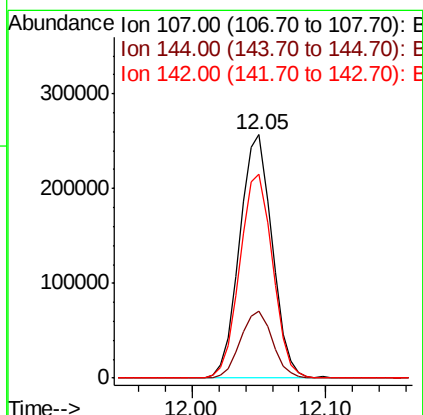
Tgt Ion:107 Resp: 433907

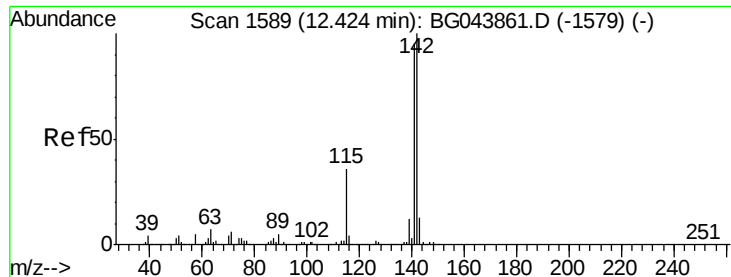
Ion Ratio Lower Upper

107 100

144 27.4 23.4 35.2

142 83.8 66.3 99.5





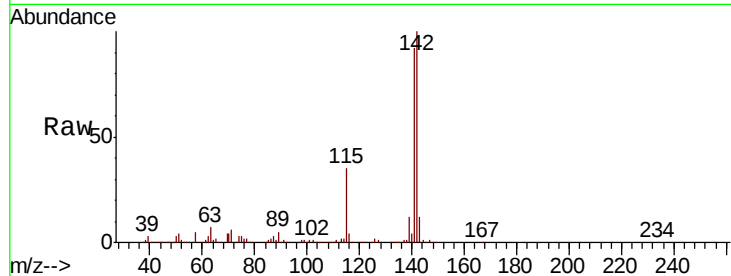
#37
2-Methylnaphthalene
Concen: 42.418 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	75.8	113.8
115	35.1	28.6	42.8

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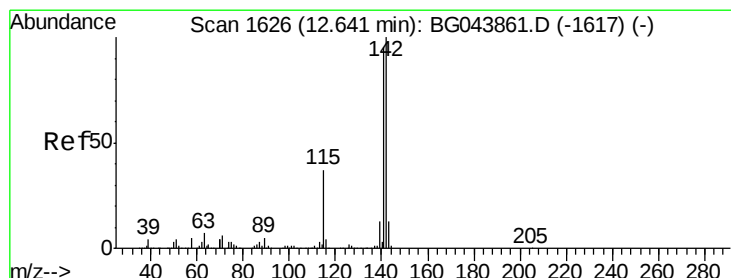
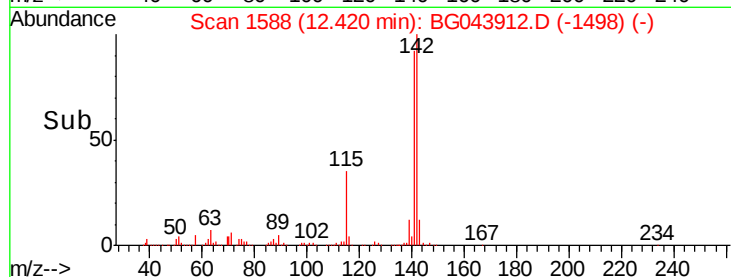
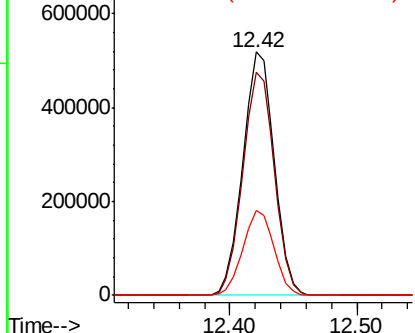


Abundance

Ion 142.00 (141.70 to 142.70): E

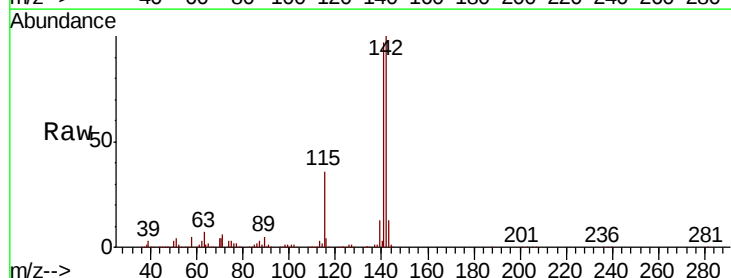
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.438 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.5	76.0	114.0
116	4.0	3.1	4.7

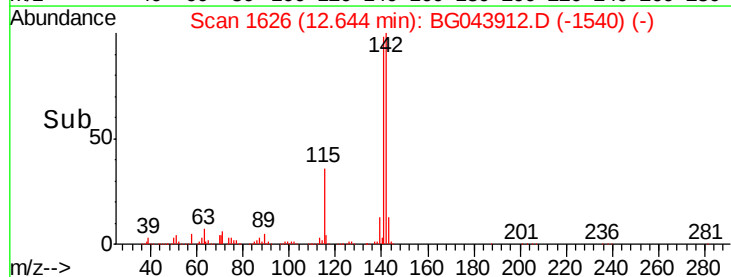
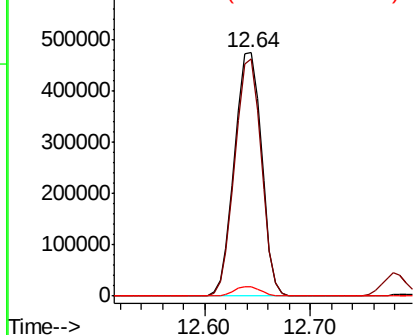


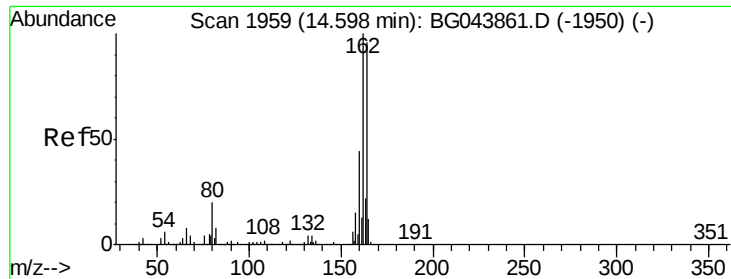
Abundance

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





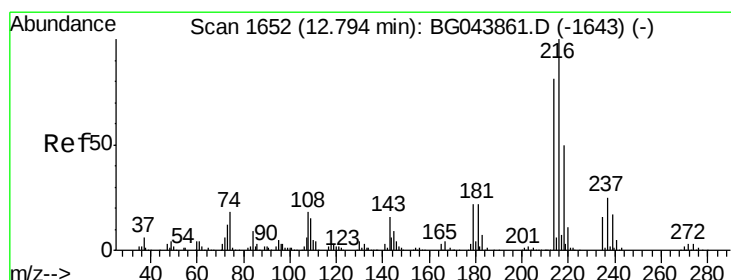
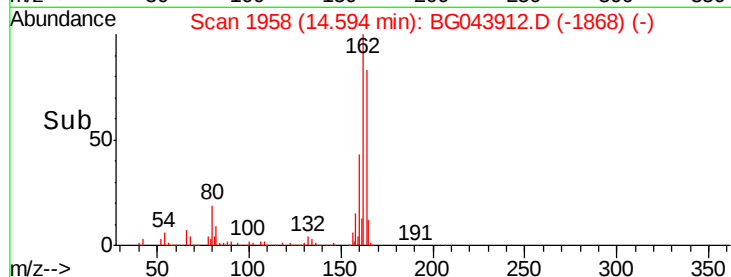
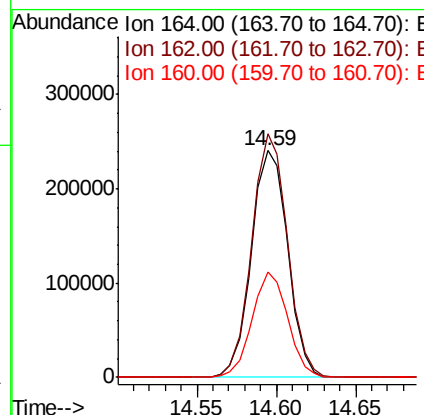
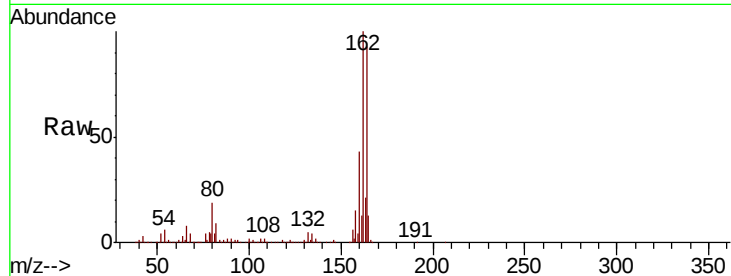
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	83.0	124.4
160	46.6	36.1	54.1

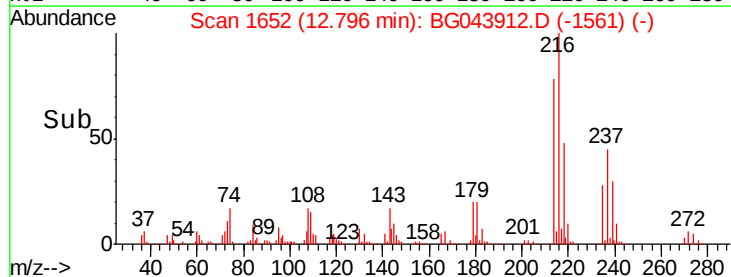
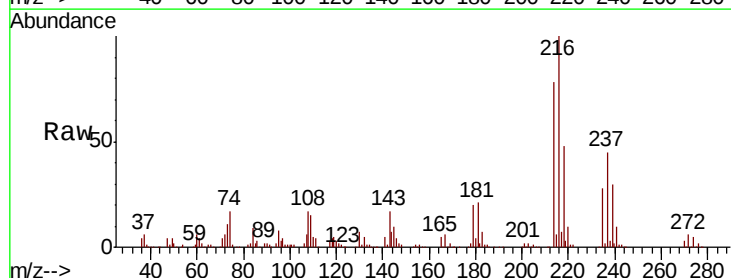
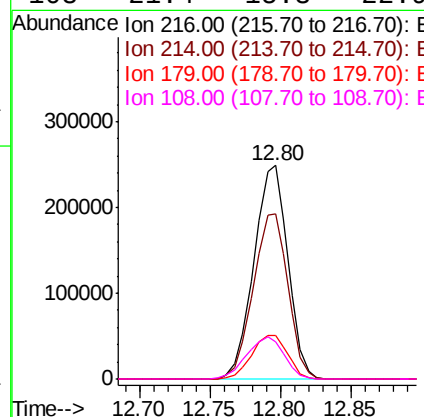
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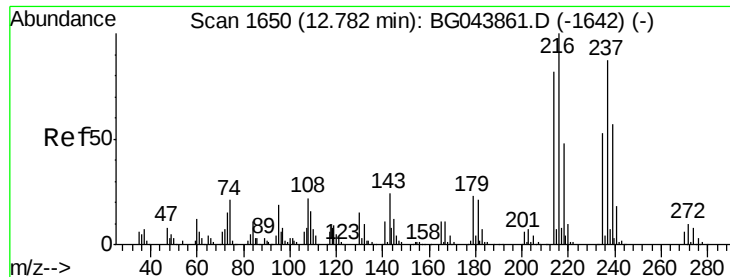
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.612 ng
RT: 12.80 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	21.6	17.3	25.9
108	21.4	15.3	22.9





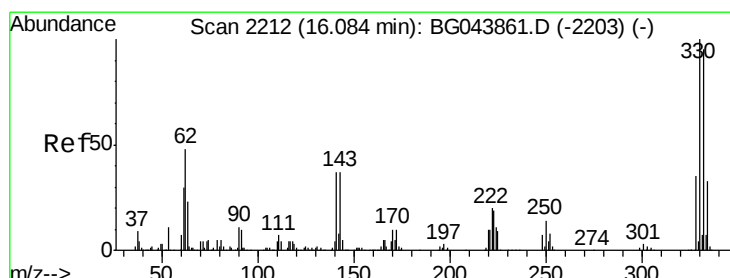
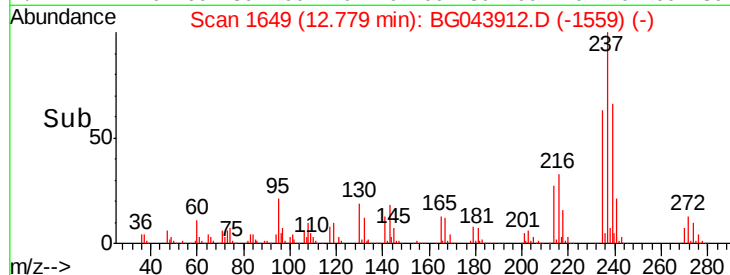
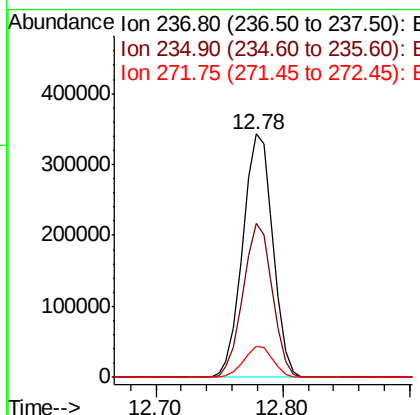
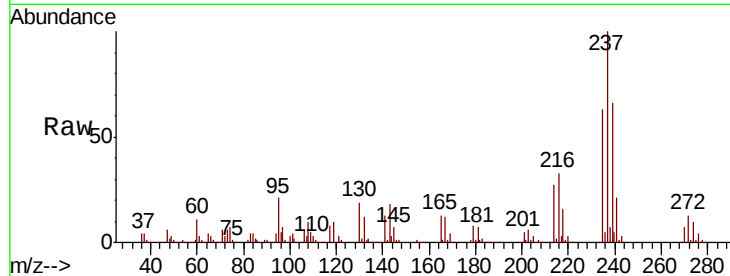
#41
Hexachlorocyclopentadiene
Concen: 97.007 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	41.1	81.1
272	12.6	0.0	31.7

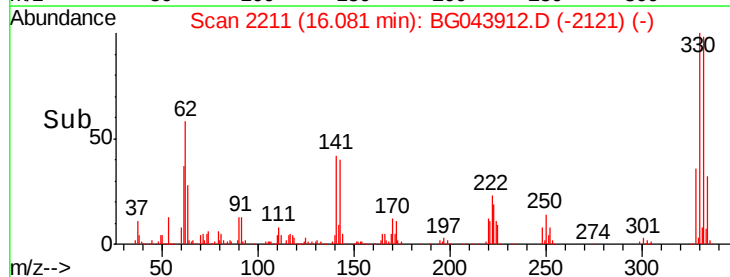
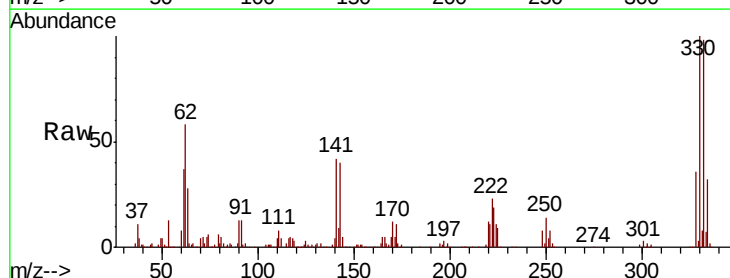
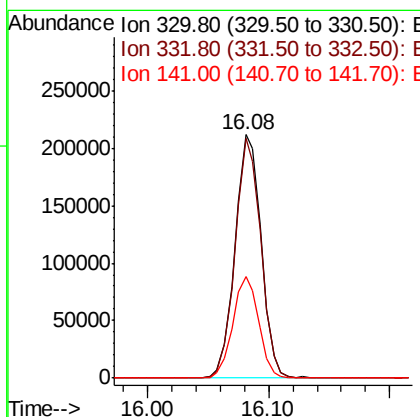
Manual Integrations
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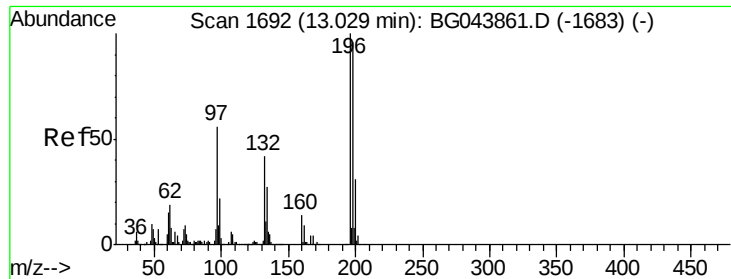
mohammad
1/6/2020 11:42:04 AM



#42
2,4,6-Tribromophenol
Concen: 79.751 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	77.2	115.8
141	41.5	33.1	49.7





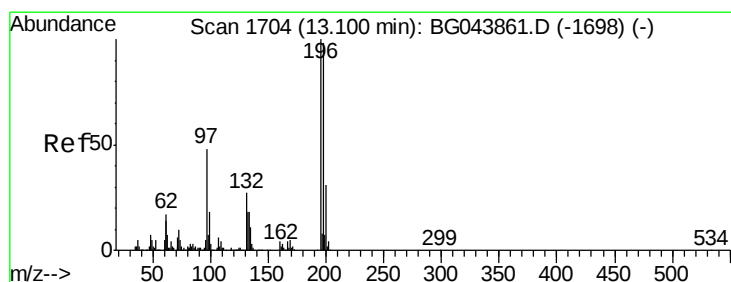
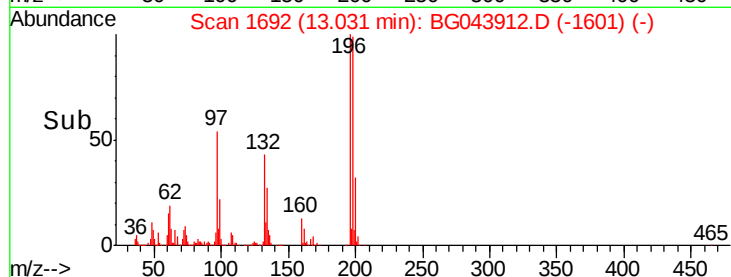
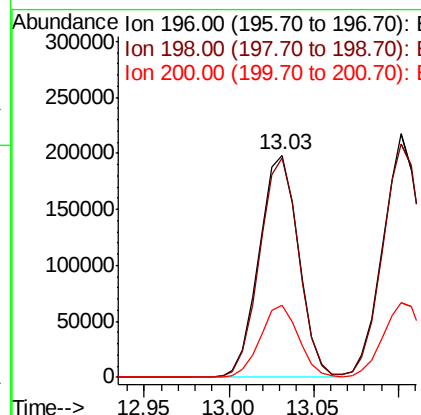
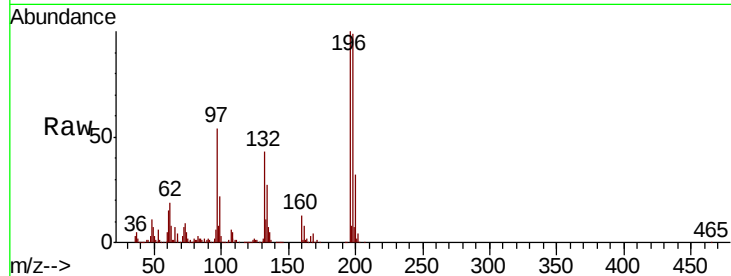
#43
 2,4,6-Trichlorophenol
 Concen: 41.828 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Instrument :
 BNA_G
 ClientSampled :
 PB125896BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	322958		
198	98.5	76.6	115.0	
200	32.2	24.6	37.0	

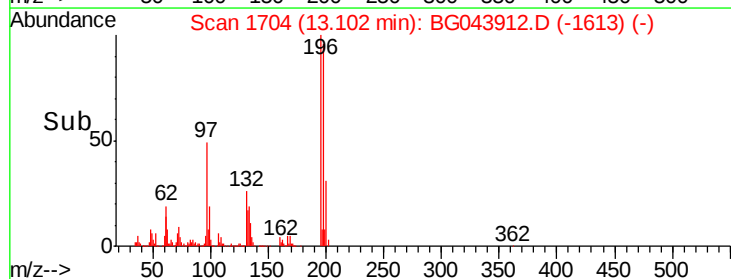
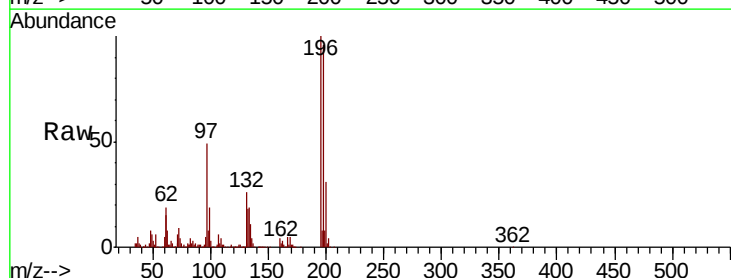
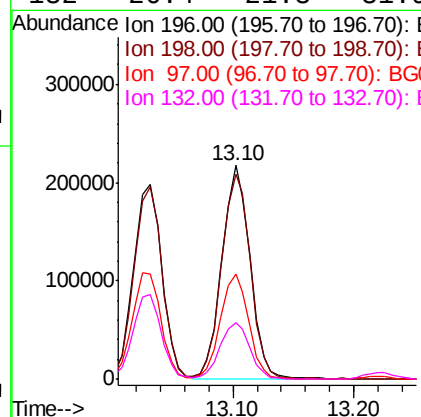
Manual Integrations
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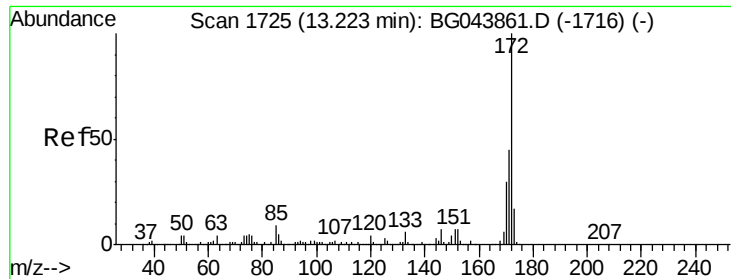
mohammad
 1/6/2020 11:42:04 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.814 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	348911		
198	96.1	78.3	117.5	
97	48.9	38.8	58.2	
132	26.4	21.3	31.9	





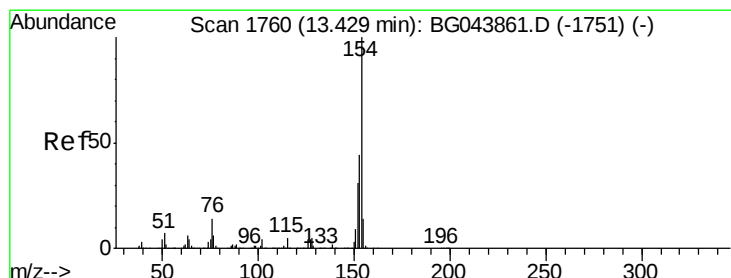
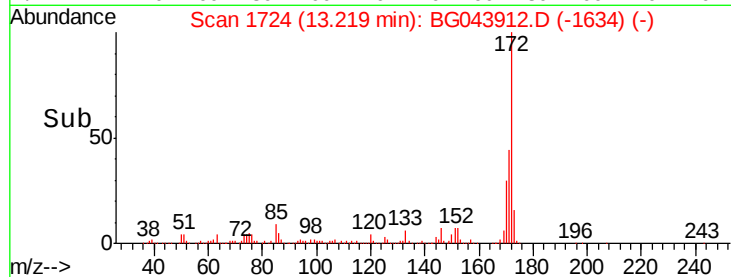
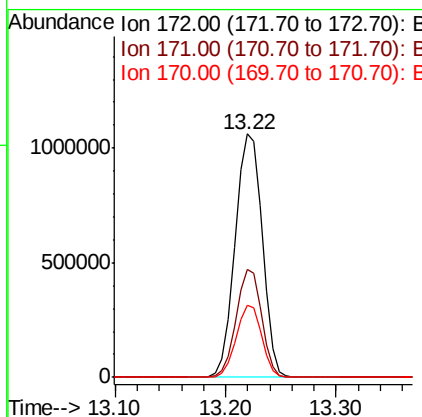
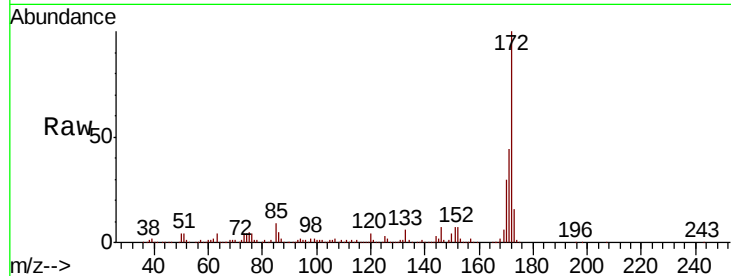
#45
2-Fluorobiphenyl
Concen: 86.678 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	44.1	35.8	53.8
170	29.8	24.2	36.4

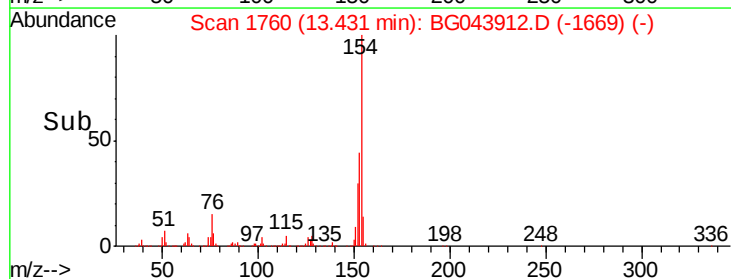
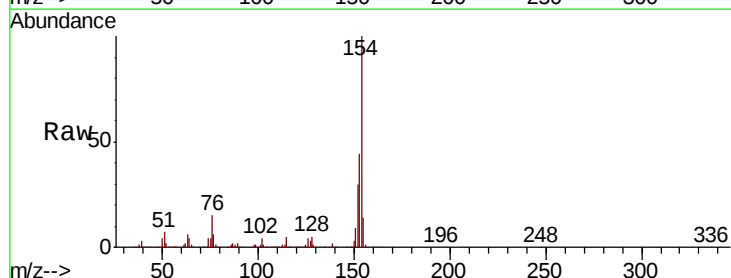
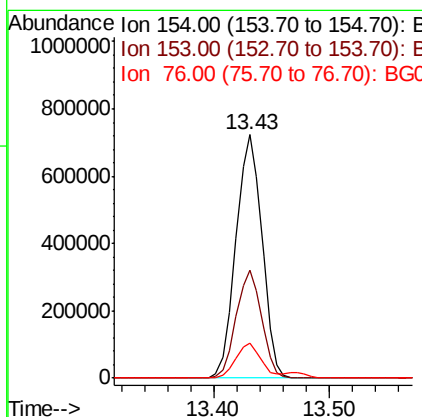
Manual Integrations
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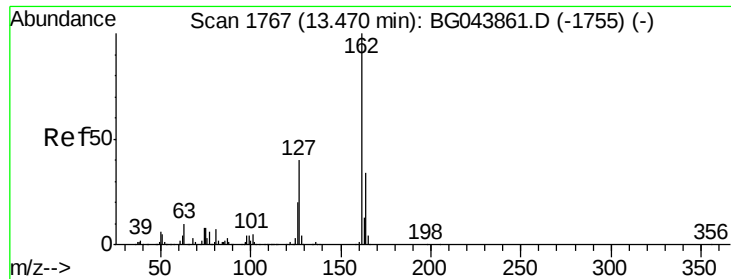
mohammad
1/6/2020 11:42:04 AM



#46
1,1'-Biphenyl
Concen: 41.103 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	23.6	63.6
76	14.6	0.0	34.4





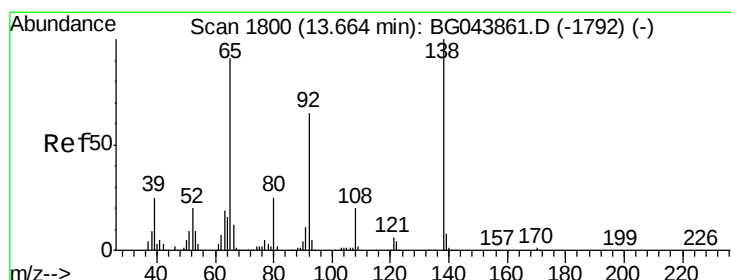
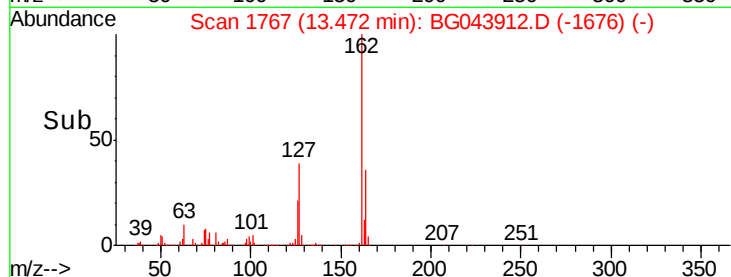
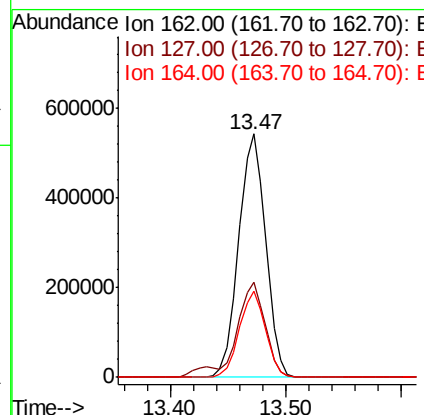
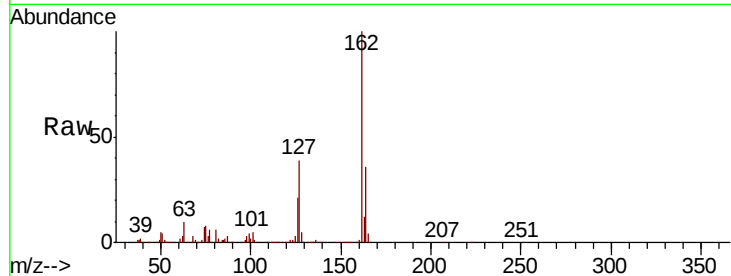
#47
 2-Chloronaphthalene
 Concen: 39.581 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.0	32.1	48.1
164	35.6	27.5	41.3

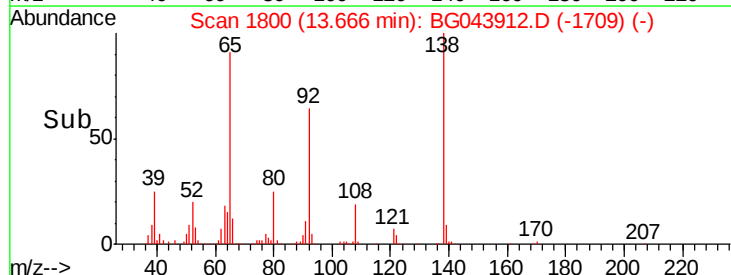
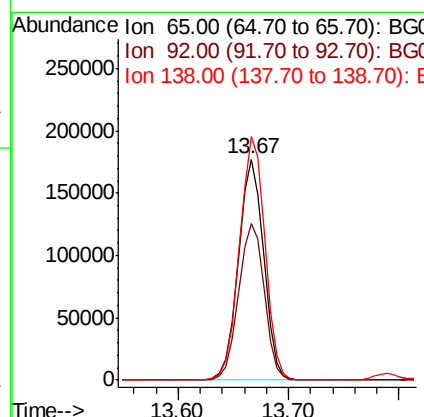
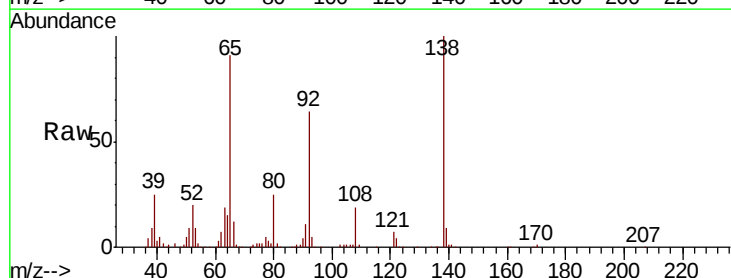
Manual Integrations
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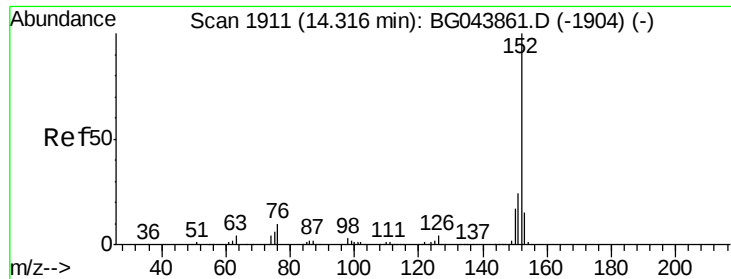
mohammad
 1/6/2020 11:42:04 AM



#48
 2-Nitroaniline
 Concen: 39.943 ng
 RT: 13.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	70.8	57.4	86.2
138	110.2	88.2	132.4





#49

Acenaphthylene

Concen: 43.239 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

ClientSampled :

PB125896BS

Tot Ion:152 Resp: 1378487

Ion Ratio Lower Upper

152 100

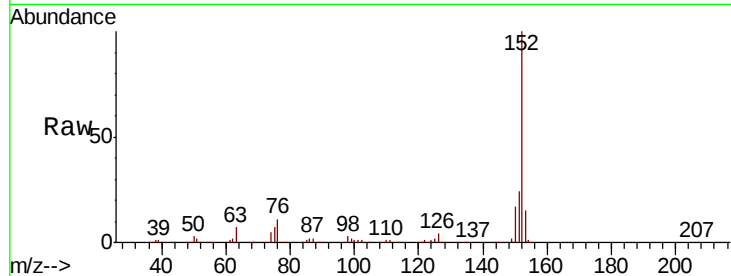
151 23.8 19.4 29.2

153 15.3 12.0 18.0

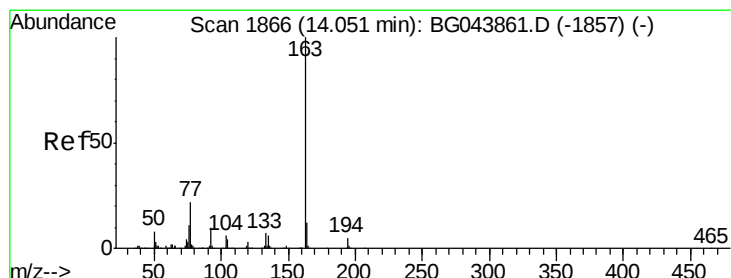
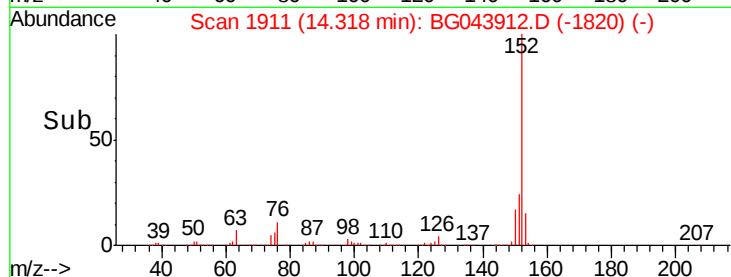
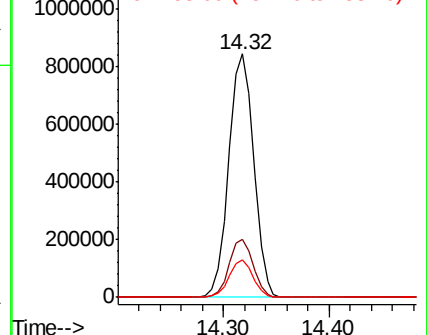
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.499 ng

RT: 14.05 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

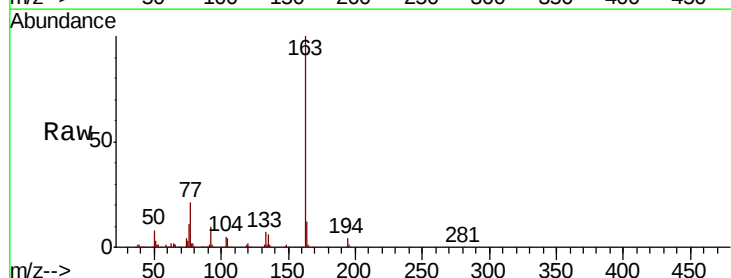
Tgt Ion:163 Resp: 1128091

Ion Ratio Lower Upper

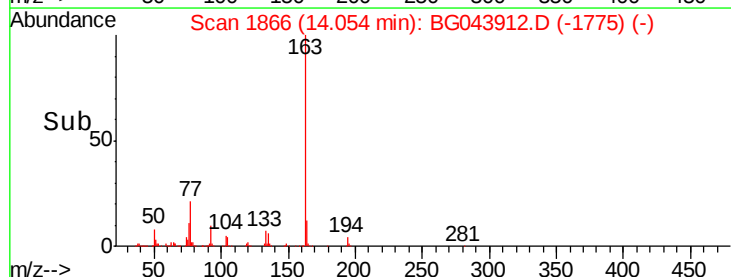
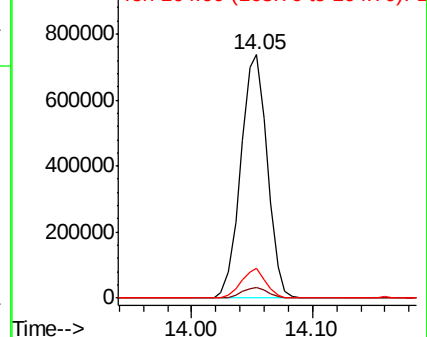
163 100

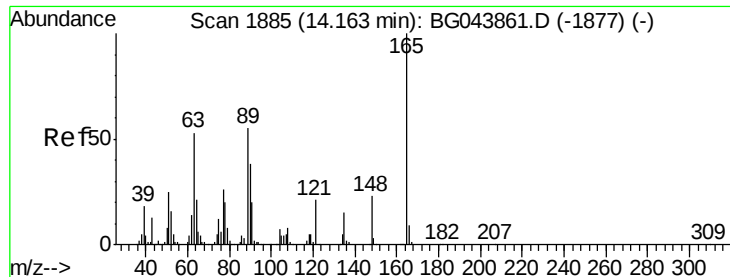
194 4.4 3.7 5.5

164 12.0 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





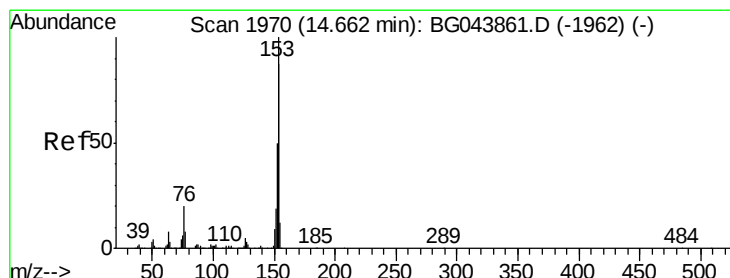
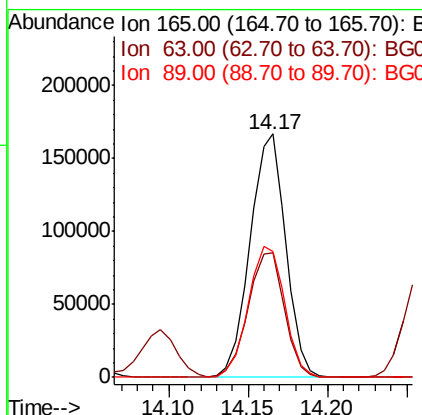
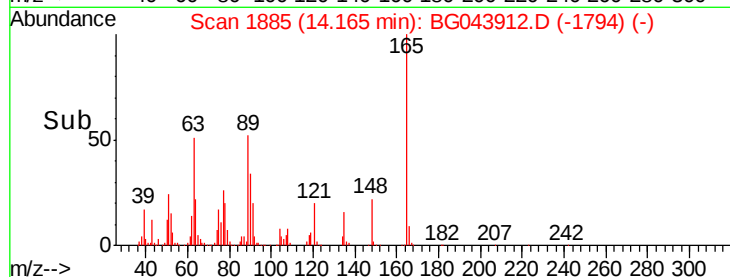
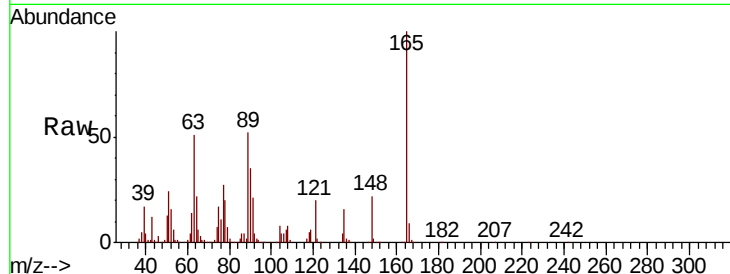
#51
 2,6-Dinitrotoluene
 Concen: 42.423 ng
 RT: 14.17 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	260650		
63	51.3		43.1	64.7
89	51.8		43.8	65.6

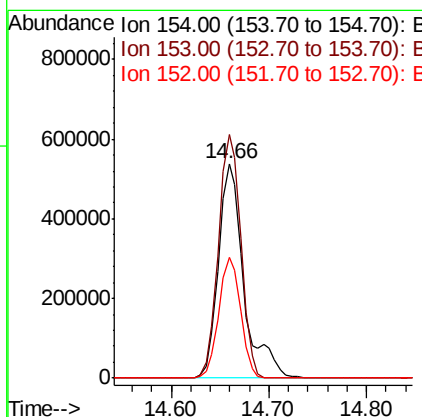
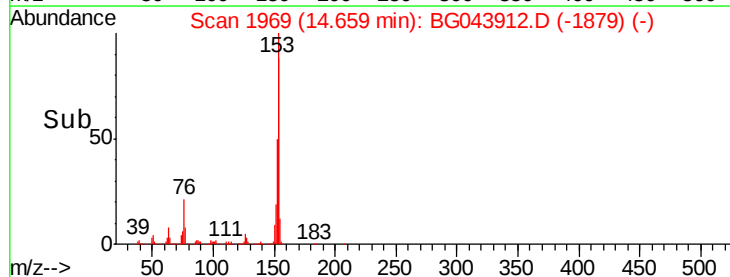
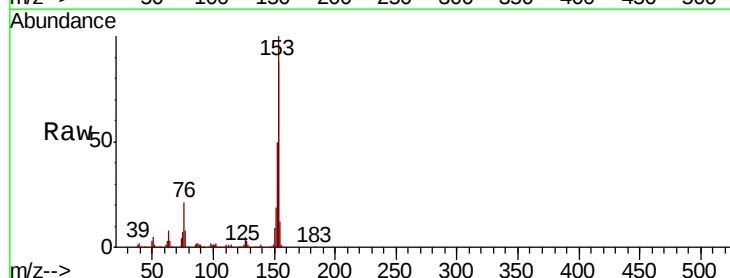
Manual Integrations
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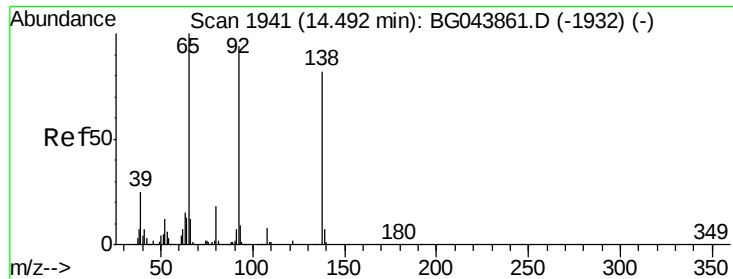
mohammad
 1/6/2020 11:42:04 AM



#52
 Acenaphthene
 Concen: 43.727 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	977608		
153	113.5		91.6	137.4
152	56.3		45.4	68.0





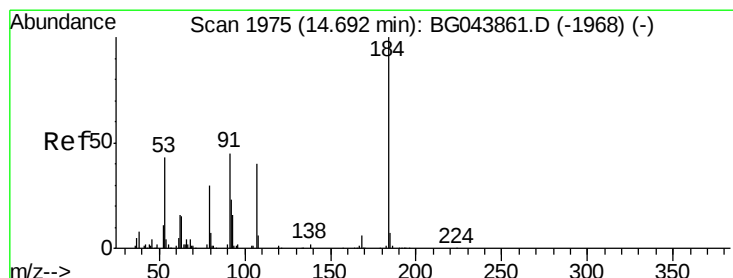
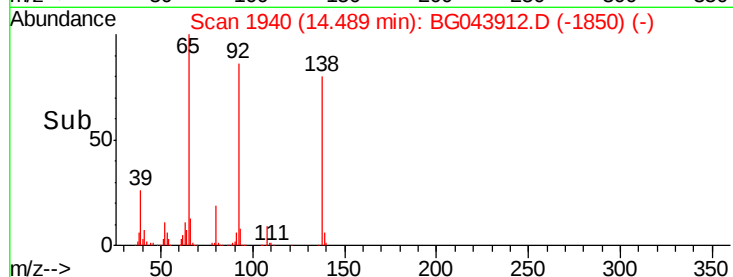
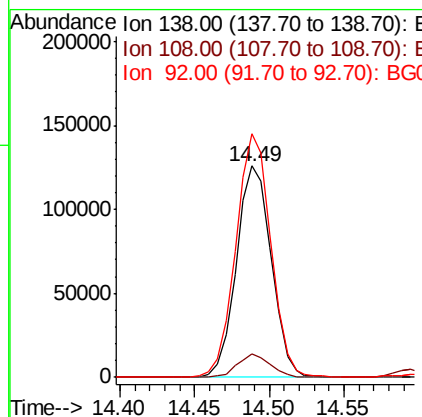
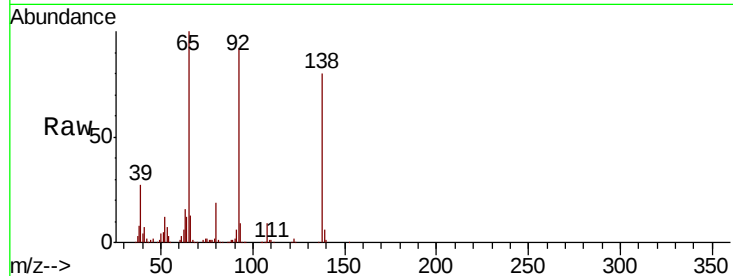
#53
3-Nitroaniline
Concen: 29.391 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.4	11.2
92	115.3	92.1	138.1

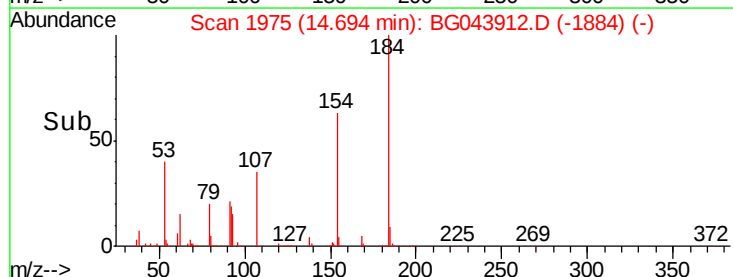
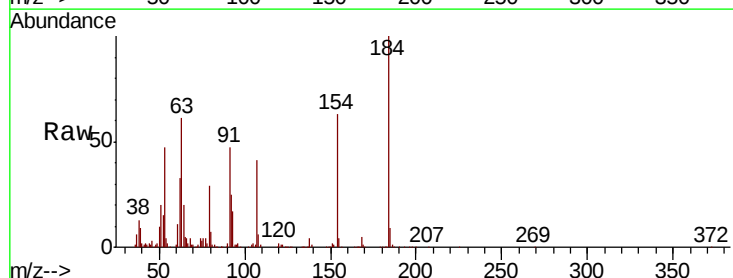
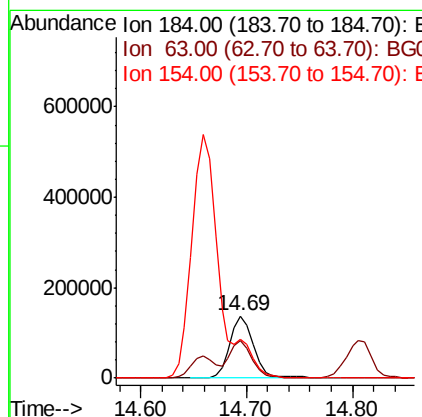
Manual Integrations
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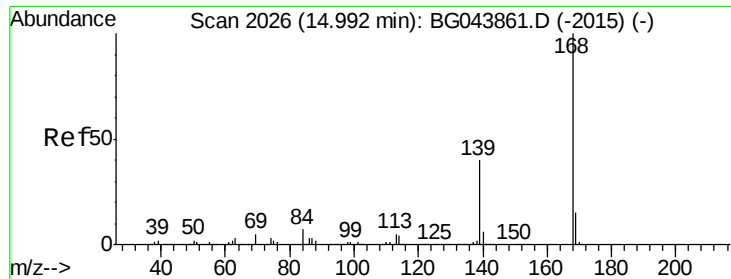
mohammad
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#54
2,4-Dinitrophenol
Concen: 69.659 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	46.6	70.0
154	62.8	50.2	75.4





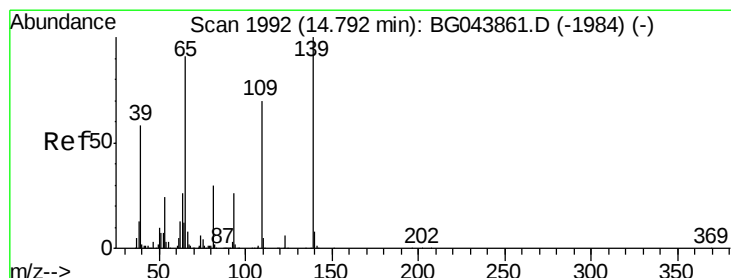
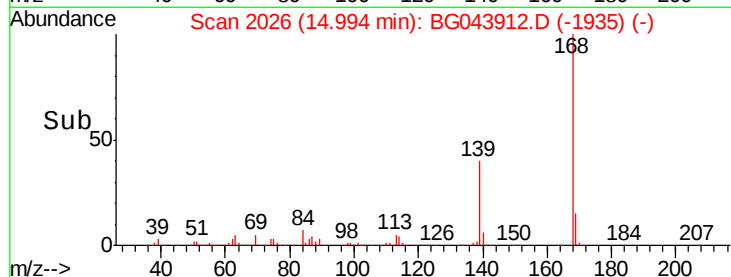
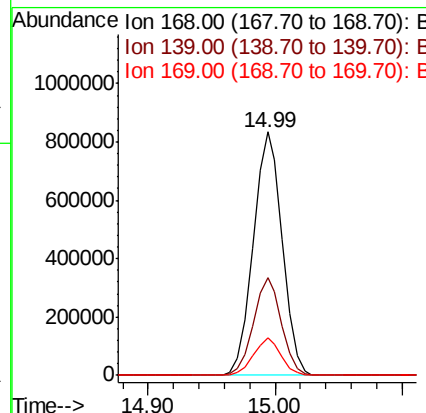
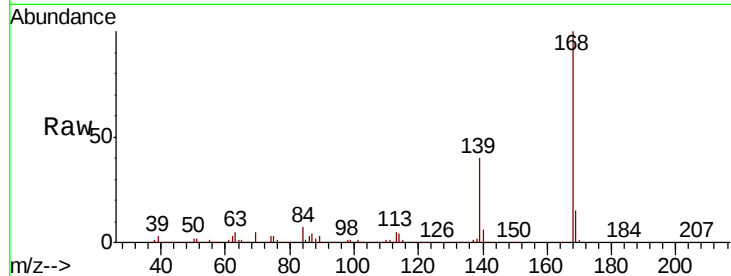
#55
Dibenzenofuran
Concen: 42.795 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion:168 Resp: 1317113
Ion Ratio Lower Upper
168 100
139 40.3 32.2 48.2
169 15.3 12.2 18.2

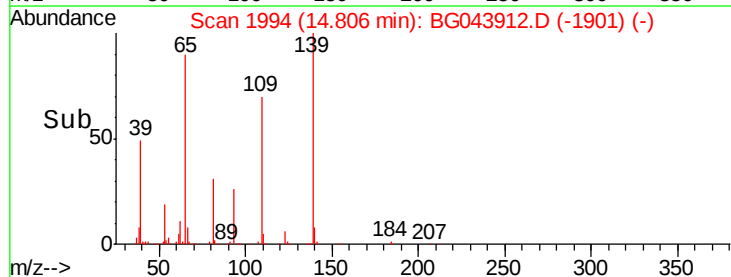
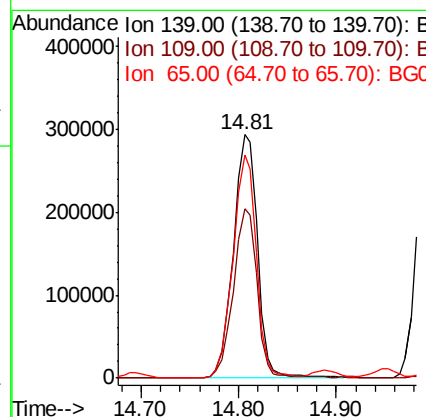
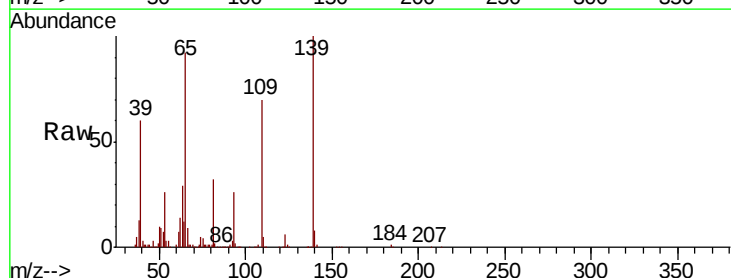
Manual Integrations
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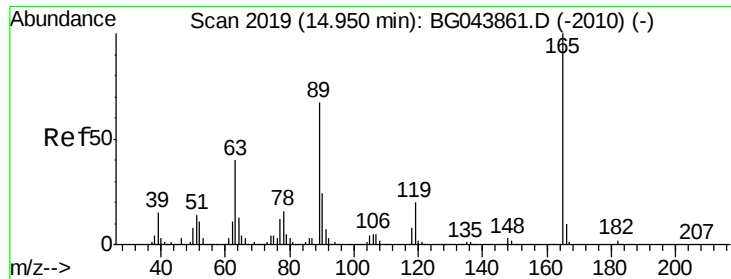
mohammad
1/6/2020 11:42:04 AM



#56
4-Nitrophenol
Concen: 94.430 ng
RT: 14.81 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:139 Resp: 504879
Ion Ratio Lower Upper
139 100
109 69.8 50.4 90.4
65 91.8 71.4 111.4





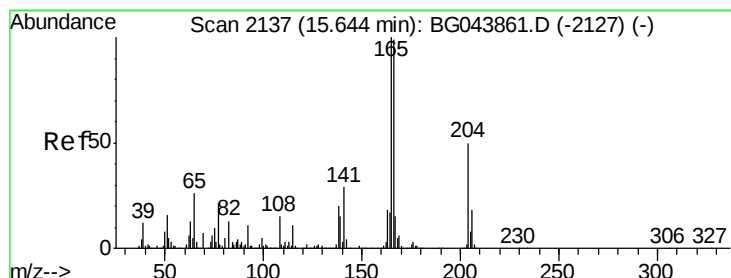
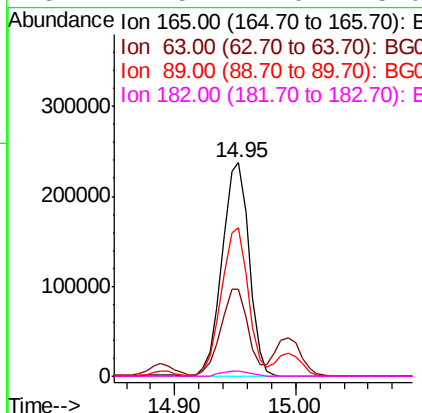
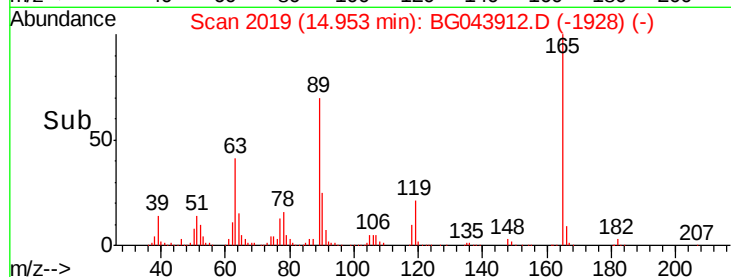
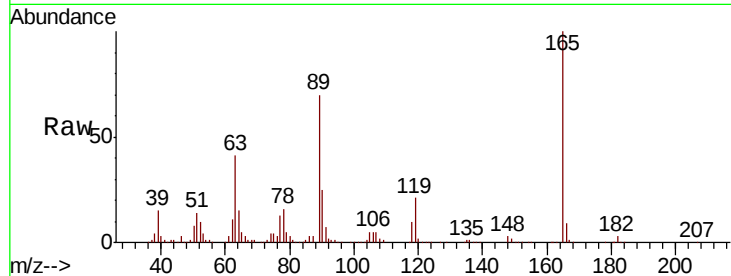
#57
2,4-Dinitrotoluene
Concen: 43.931 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		367272		
63	41.0		31.9	47.9	
89	69.5		53.8	80.6	
182	2.5		2.0	3.0	

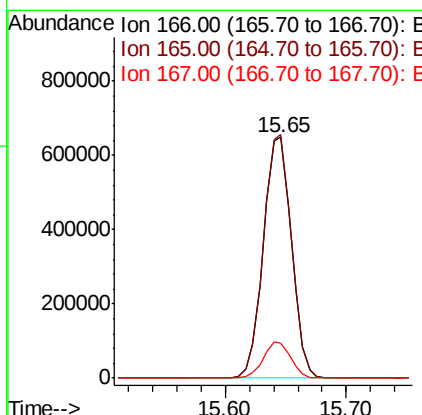
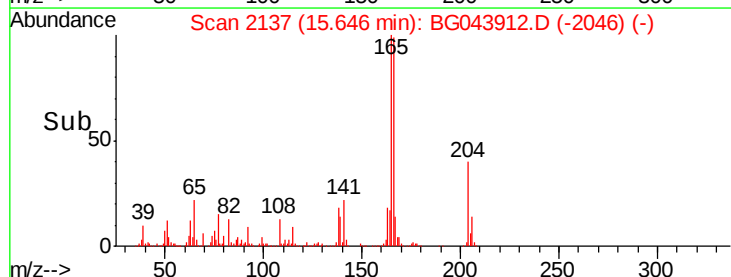
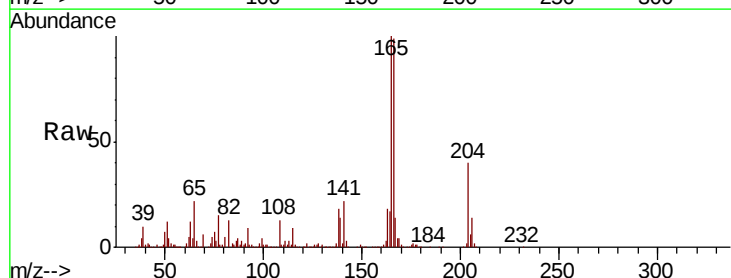
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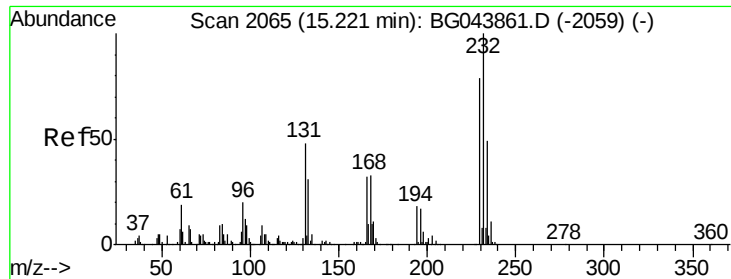
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#58
Fluorene
Concen: 42.549 ng
RT: 15.65 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1037950		
165	101.3		80.8	121.2	
167	14.6		12.1	18.1	





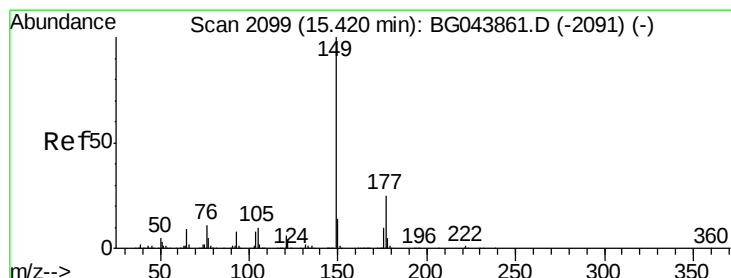
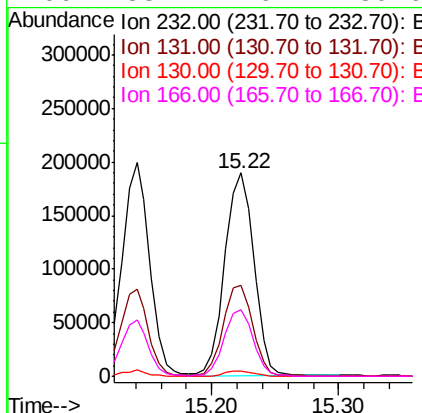
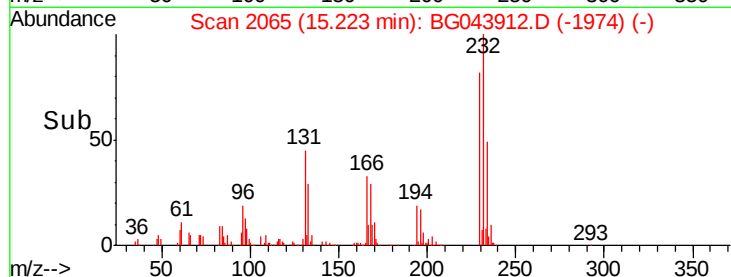
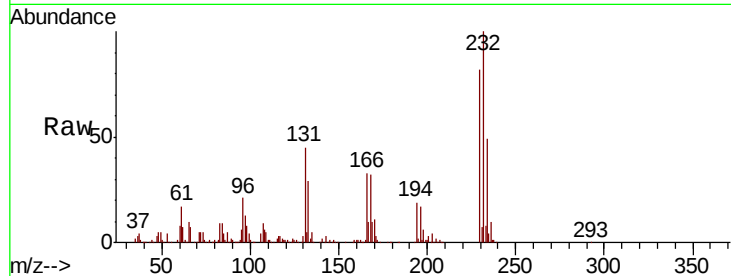
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.267 ng
 RT: 15.22 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	303125		
131	45.1		38.2	57.2
130	2.7		2.2	3.2
166	33.2		26.4	39.6

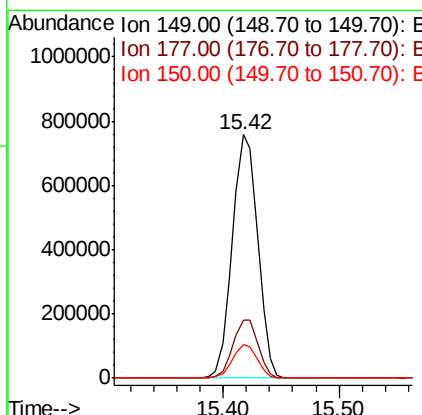
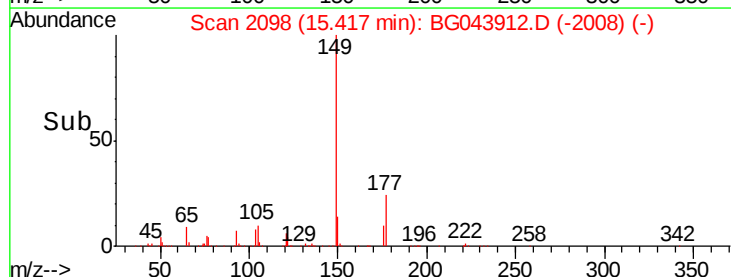
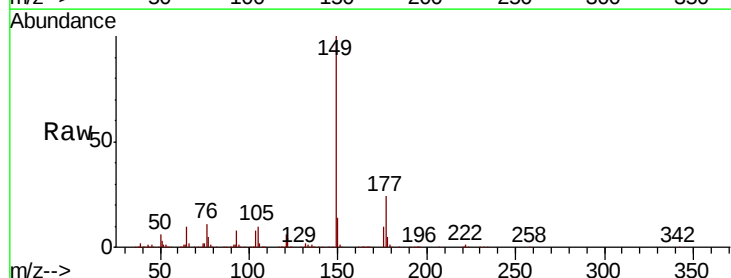
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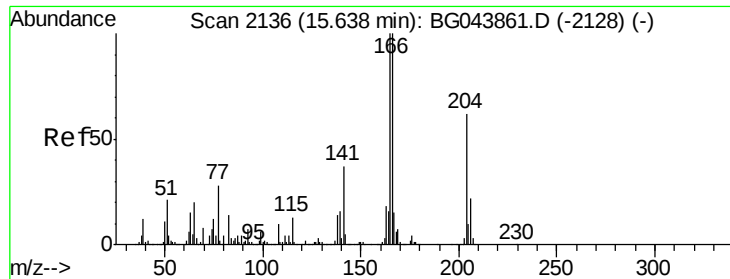
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#60
 Diethylphthalate
 Concen: 42.475 ng
 RT: 15.42 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1154847		
177	23.9		20.0	30.0
150	14.0		11.1	16.7





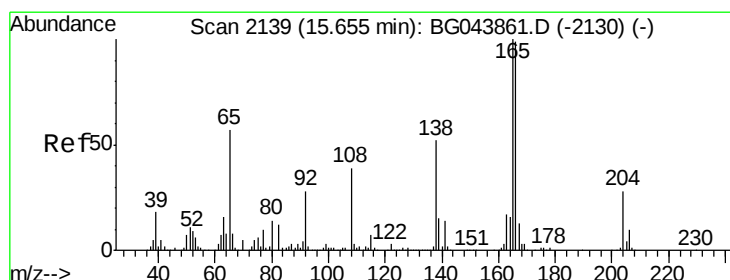
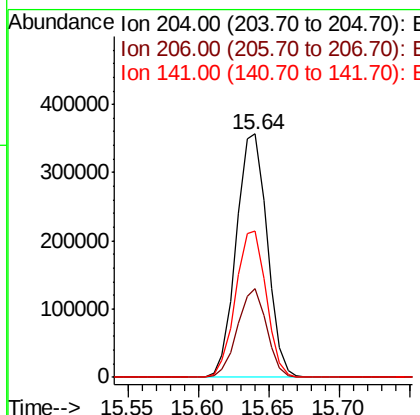
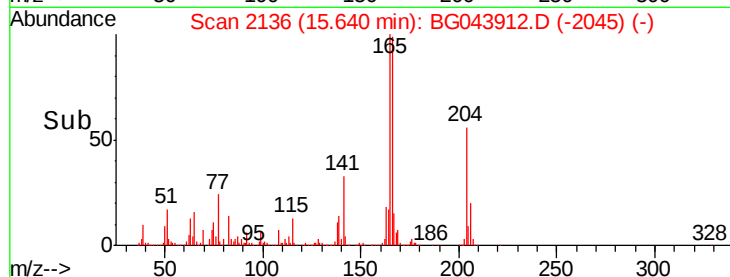
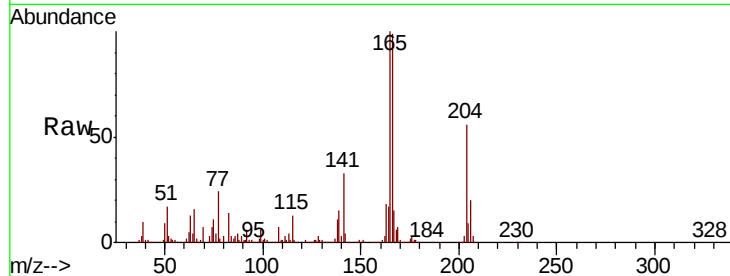
#61
4-Chlorophenyl-phenylether
Concen: 41.140 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleID :
PB125896BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	544947		
206	36.6	28.2	42.2	
141	60.0	48.2	72.2	

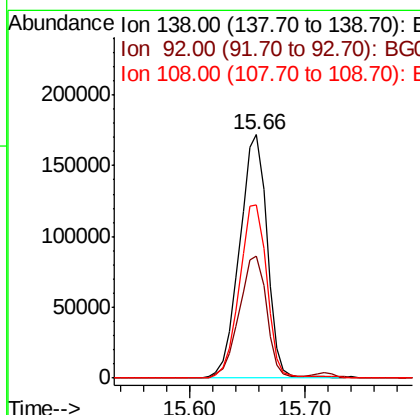
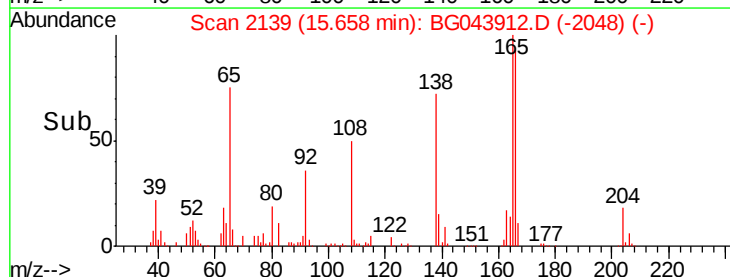
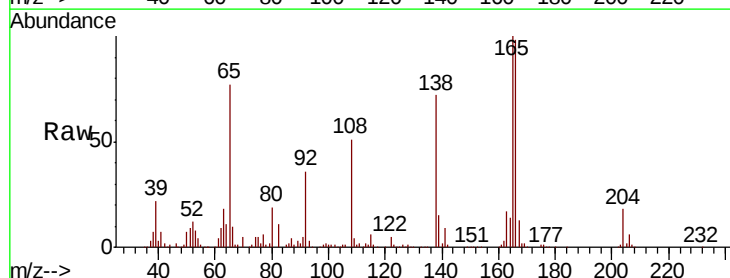
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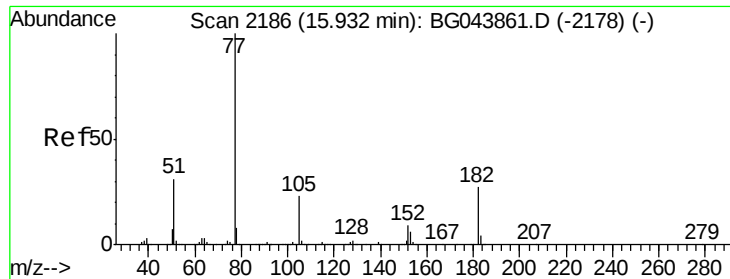
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#62
4-Nitroaniline
Concen: 41.249 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	284210		
92	49.9	34.3	74.3	
108	71.4	55.0	95.0	





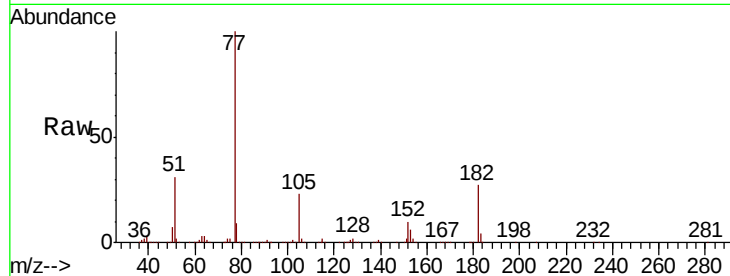
#63
Azobenzene
Concen: 43.142 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.3	47.3
105	23.1	3.2	43.2
51	30.6	10.6	50.6

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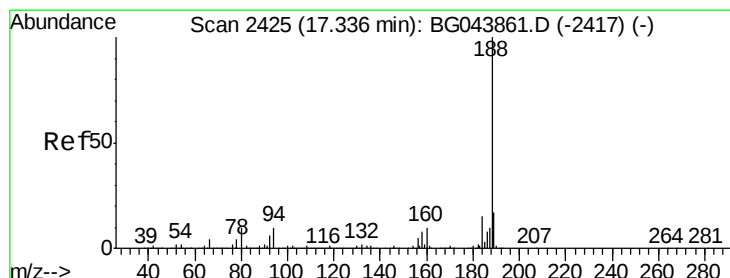
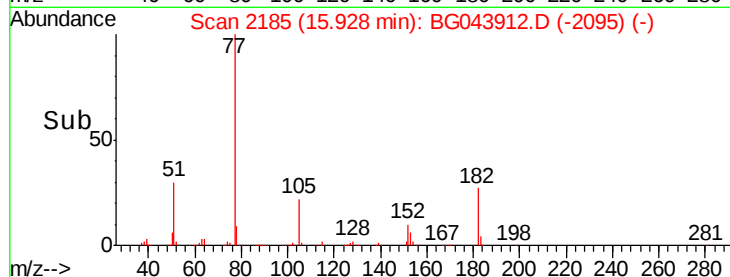
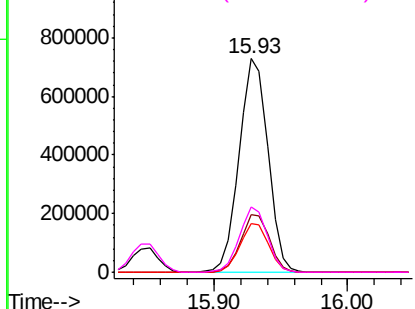
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

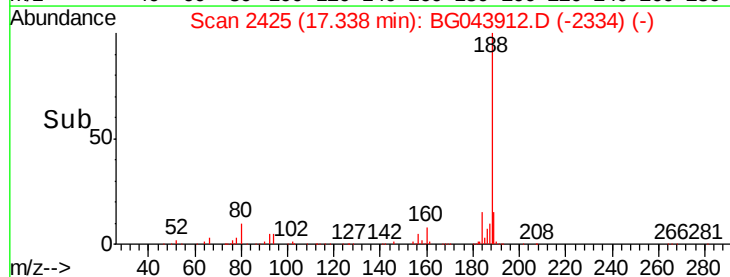
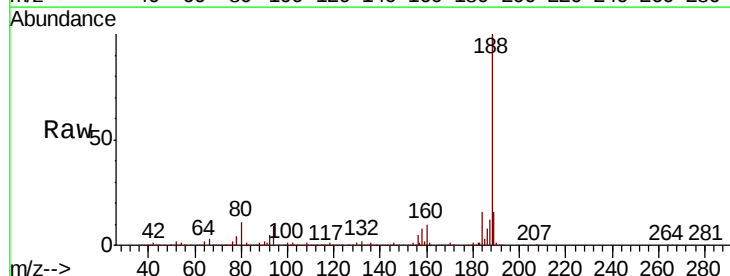
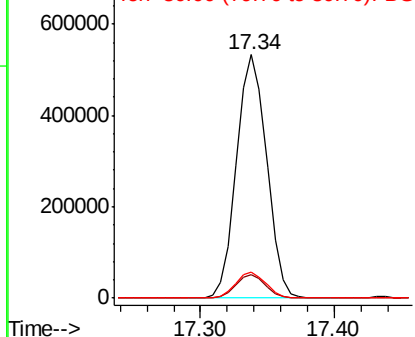
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	10.6	8.2	12.4

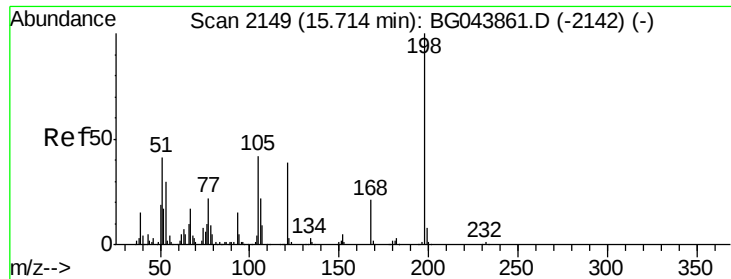
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.621 ng

RT: 15.72 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

ClientSampleId :

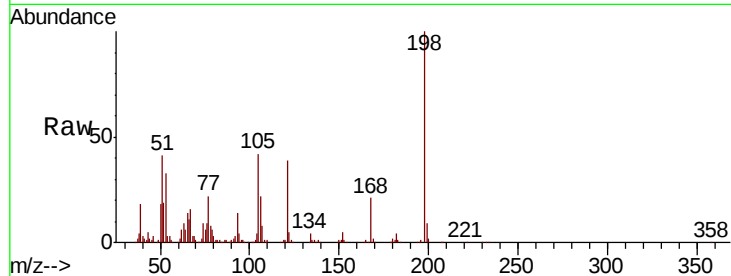
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Tot Ion	Ratio	Resp	Lower	Upper
198	100	185942		

51	41.1	22.5	62.5
105	41.7	22.3	62.3

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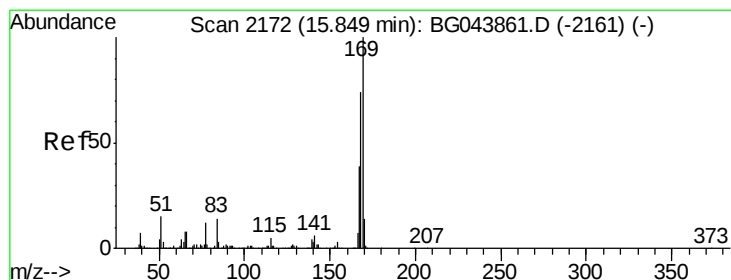
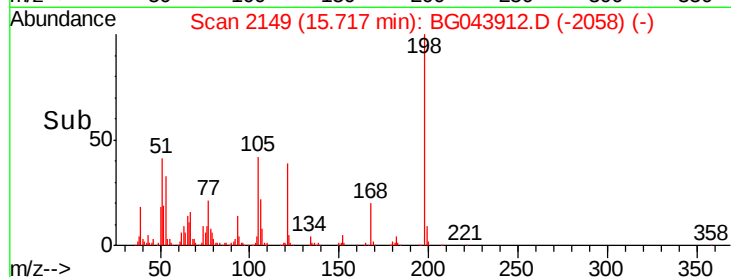
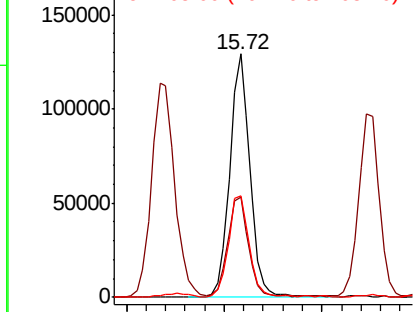


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.047 ng

RT: 15.85 min Scan# 2172

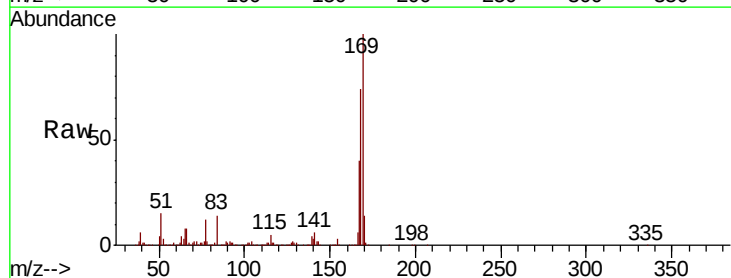
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	985687		

168	74.2	59.0	88.6
167	40.2	31.4	47.0

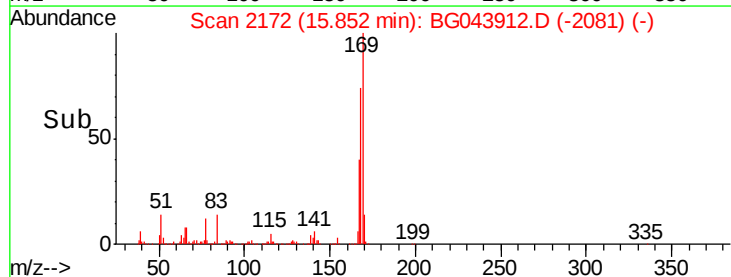
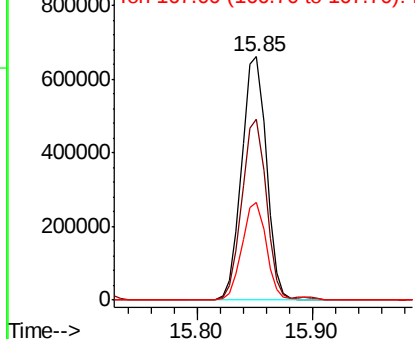


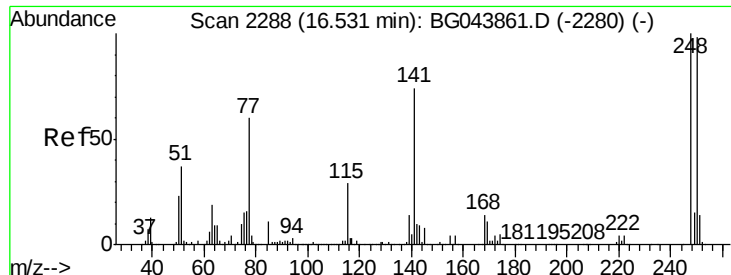
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





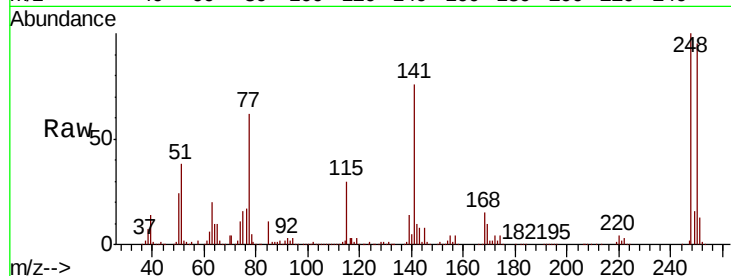
#67
4-Bromophenyl-phenylether
Concen: 37.820 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

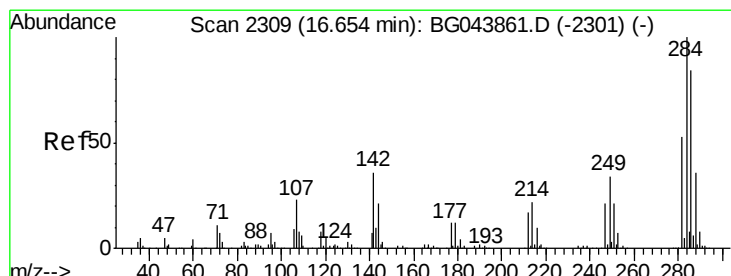
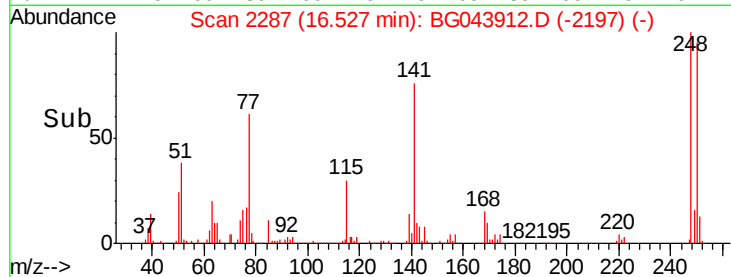
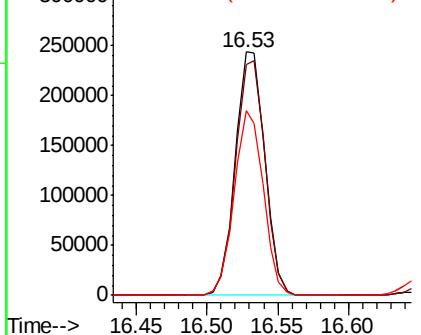
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	78.2	117.2
141	75.6	59.3	88.9

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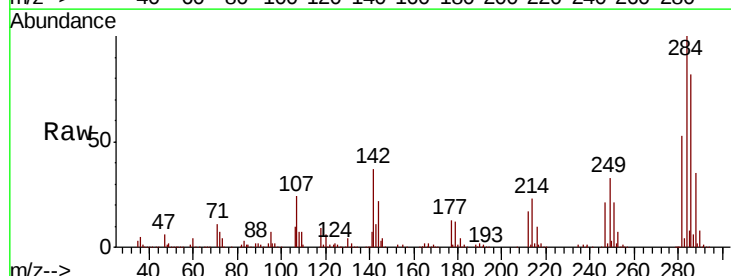


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

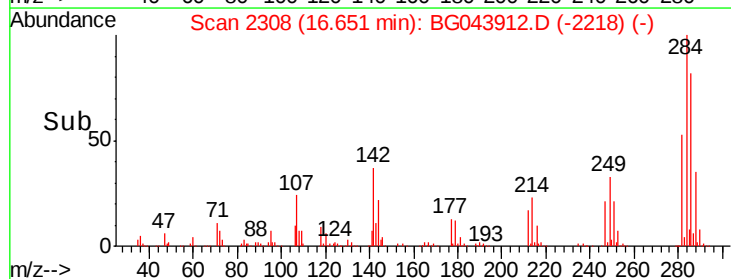
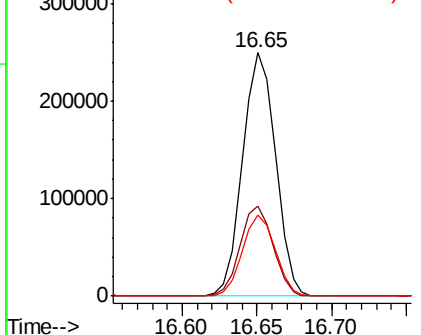


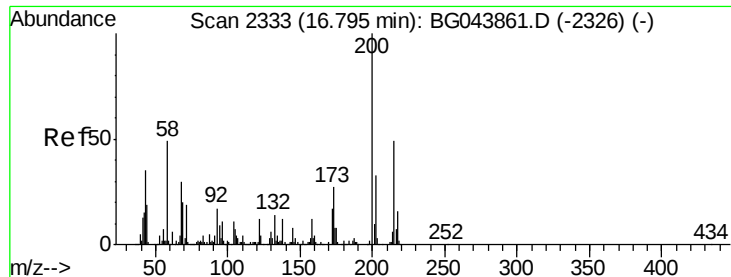
#68
Hexachlorobenzene
Concen: 37.563 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	28.6	43.0
249	33.2	27.0	40.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





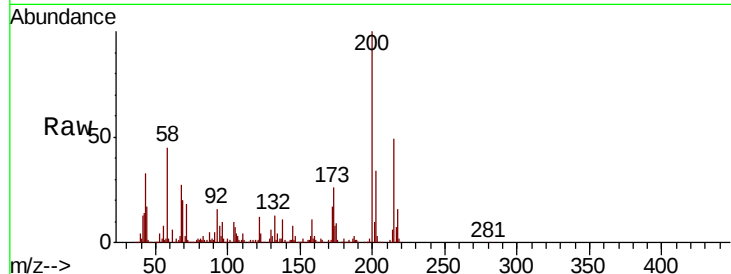
#69
Atrazine
Concen: 47.884 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

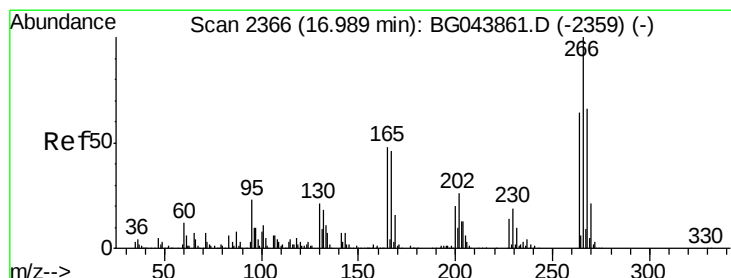
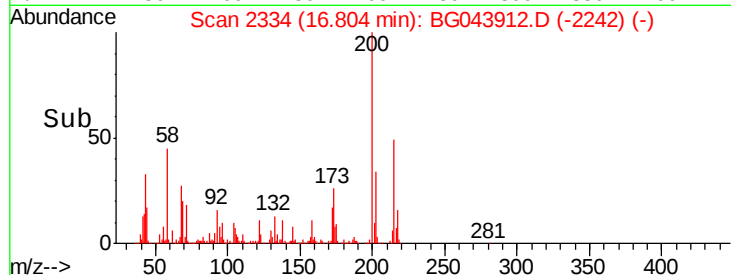
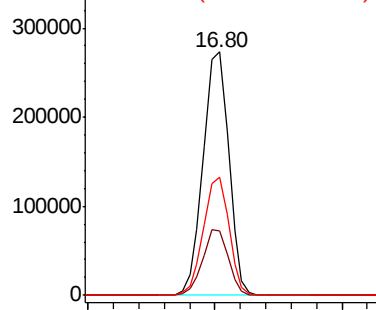
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	6.6	46.6
215	48.6	28.6	68.6

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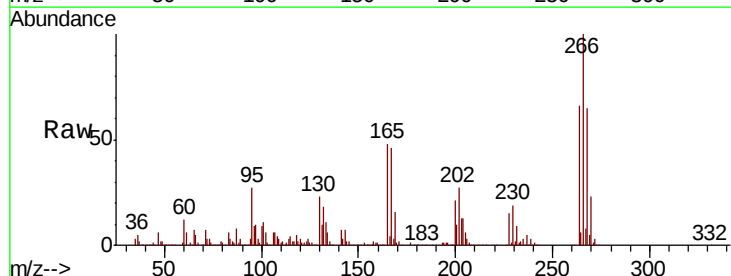


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

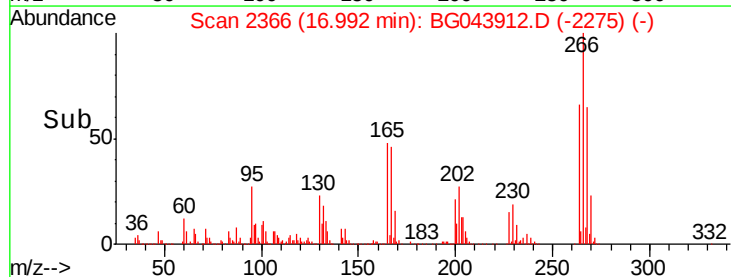
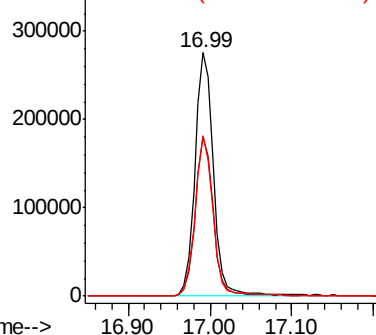


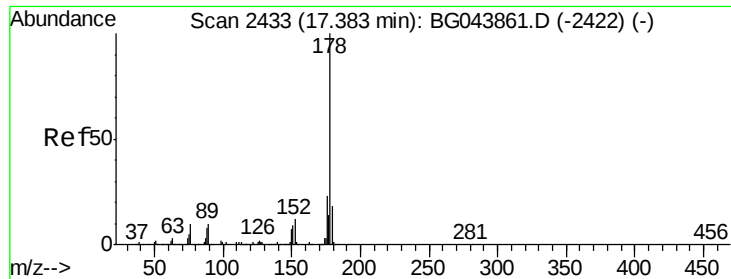
#70
Pentachlorophenol
Concen: 77.388 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.5	52.6	79.0
264	66.1	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





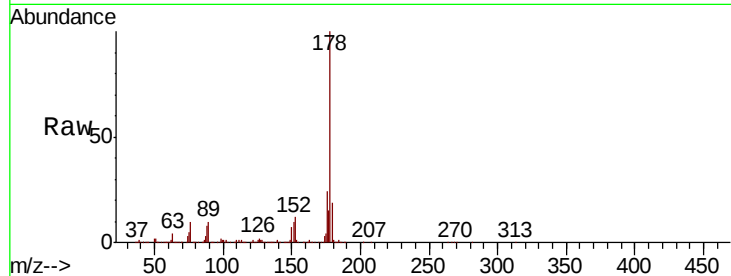
#71
Phenanthrene
Concen: 41.062 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

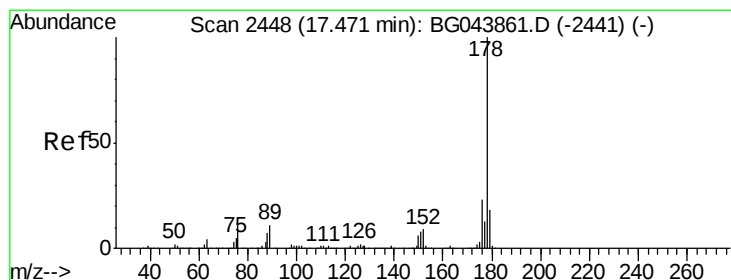
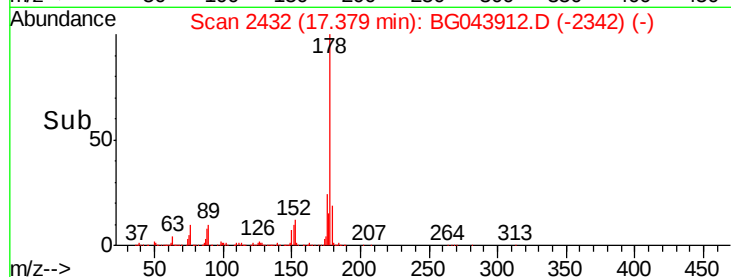
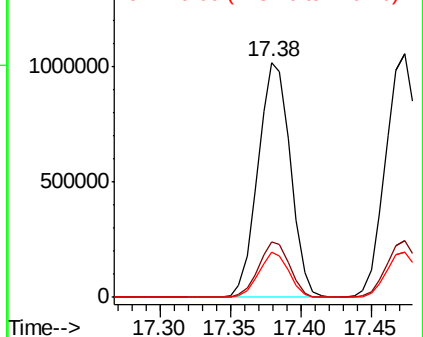
Tot Ion	Ratio	Lower	Upper
178	100		
176	23.6	18.6	28.0
179	19.0	14.4	21.6

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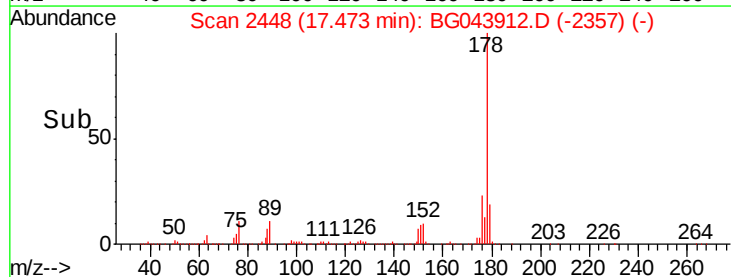
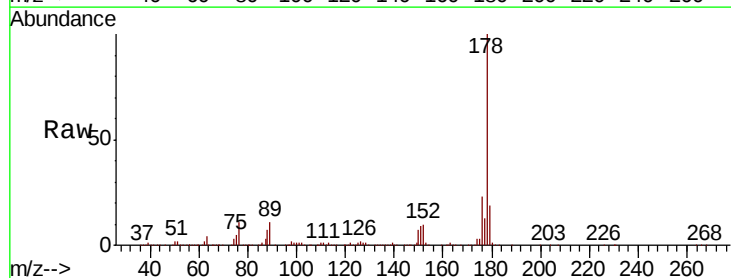
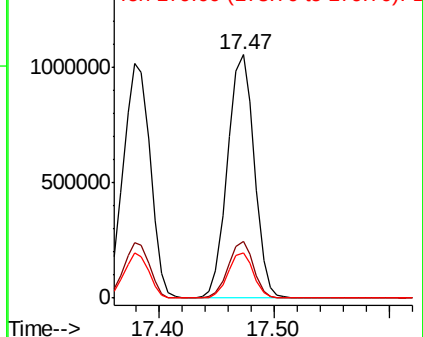
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

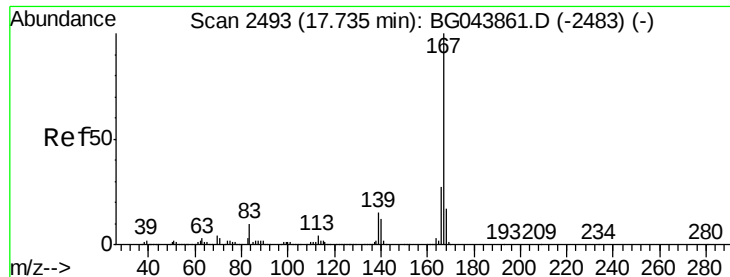


#72
Anthracene
Concen: 42.673 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.3	18.3	27.5
179	18.8	14.6	22.0

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





#73

Carbazole

Concen: 42.593 ng

RT: 17.74 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

ClientSampleId :

PB125896BS

Tot Ion:167 Resp: 1558775

Ion Ratio Lower Upper

167 100

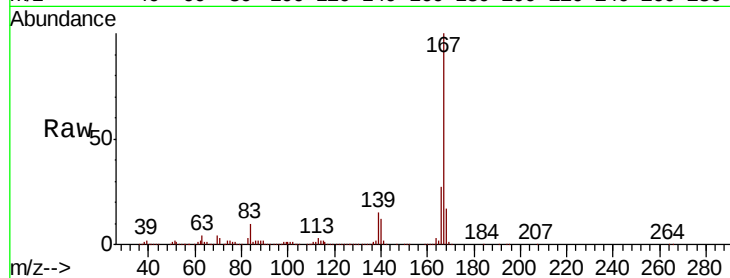
166 27.4 21.6 32.4

139 15.5 12.1 18.1

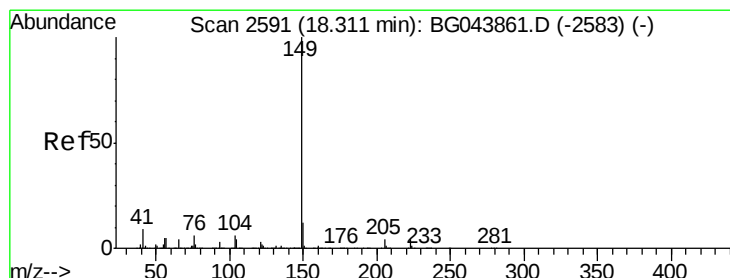
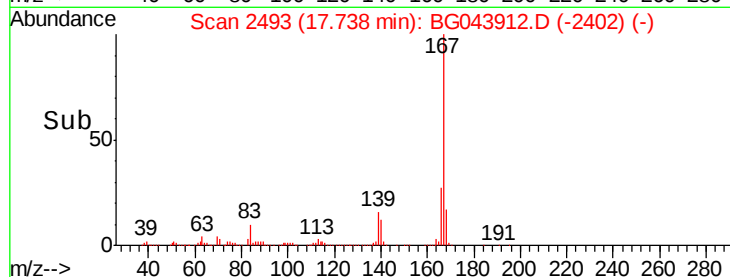
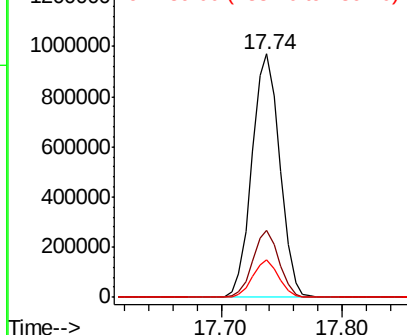
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.820 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

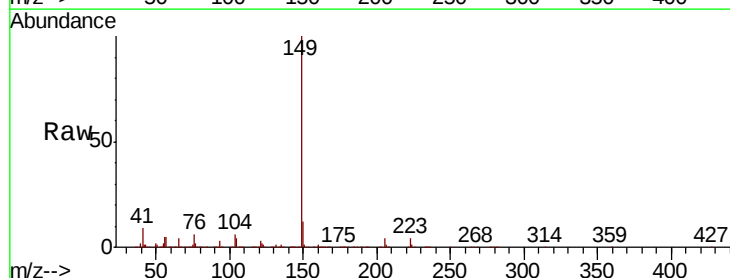
Tgt Ion:149 Resp: 1907341

Ion Ratio Lower Upper

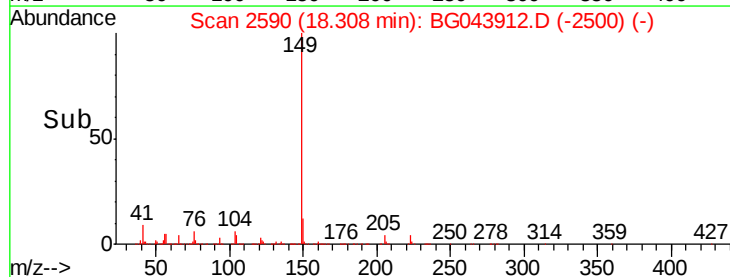
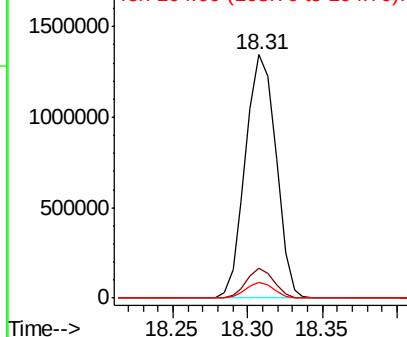
149 100

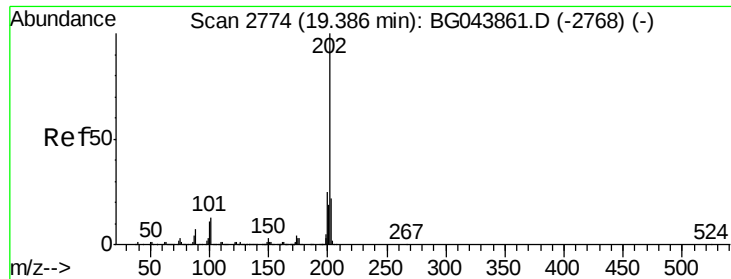
150 12.2 9.7 14.5

104 6.3 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: 40.888 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

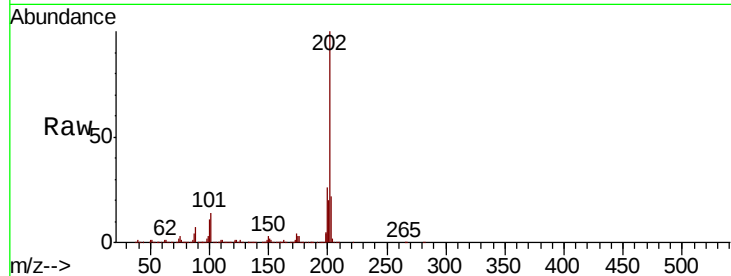
ClientSampleId :

PB125896BS

Tot Ion:	202	Resp:	1874590
Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.3
203	21.8	1.6	41.6

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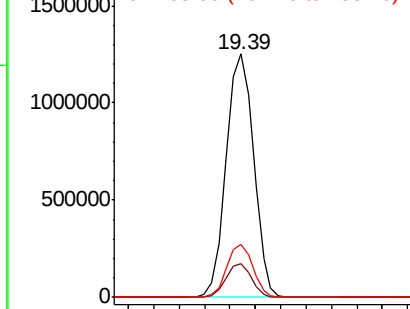


Abundance

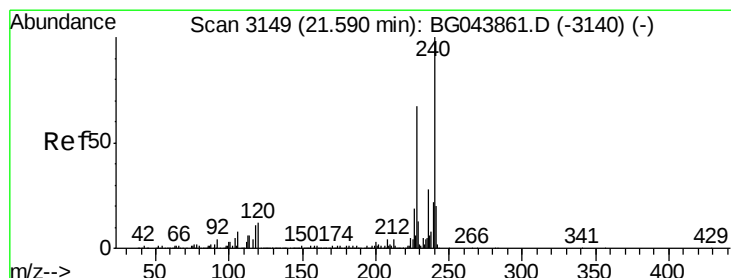
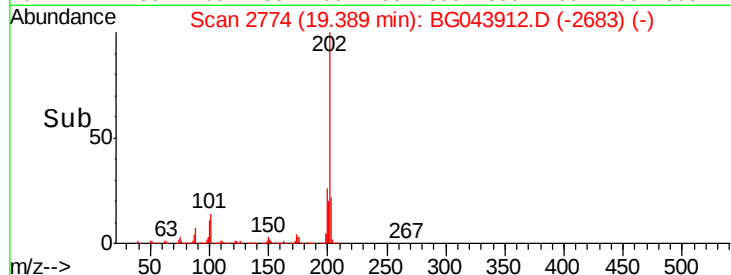
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

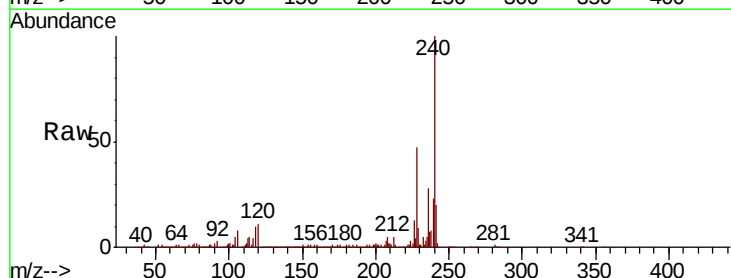
RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:	240	Resp:	710259
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	28.4	22.2	33.2

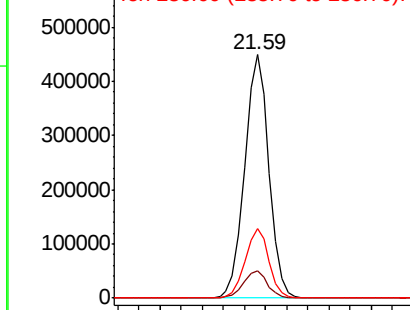


Abundance

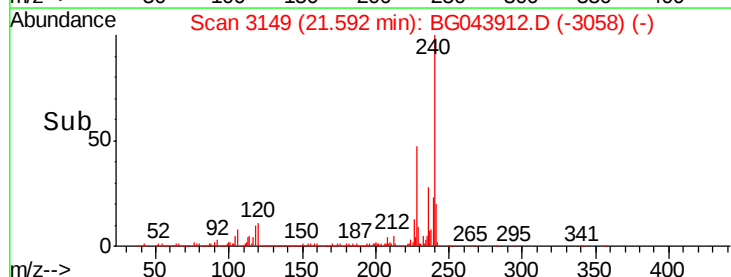
Ion 240.00 (239.70 to 240.70): E

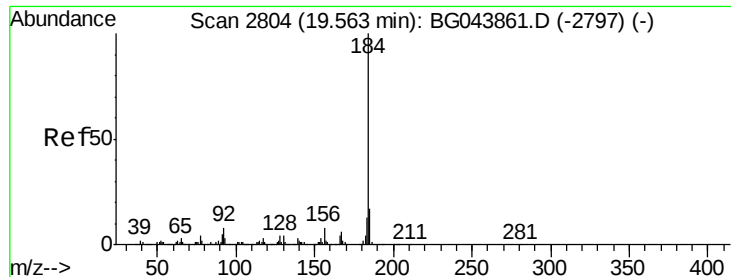
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 66.295 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

ClientSampleId :

PB125896BS

Tot Ion:184 Resp: 1183560

Ion Ratio Lower Upper

184 100

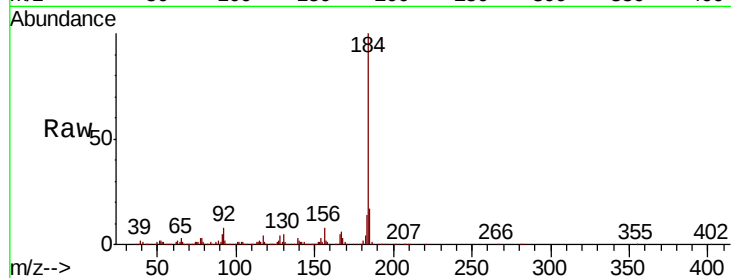
185 16.7 13.4 20.0

183 14.4 10.6 15.8

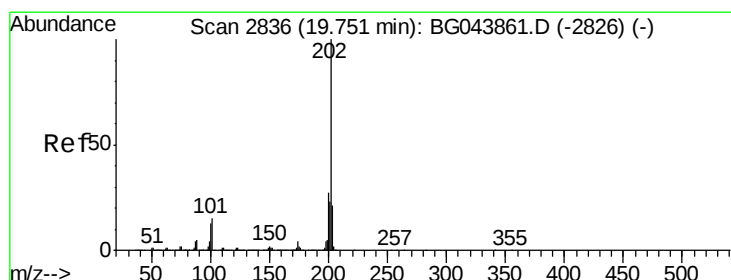
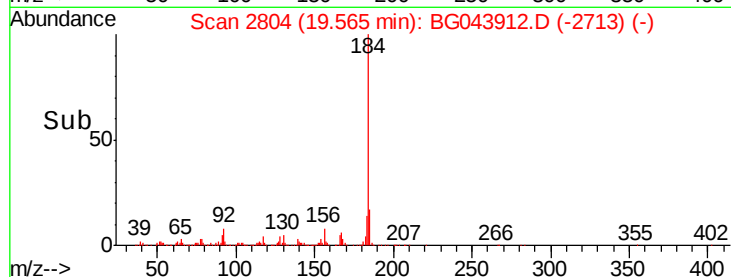
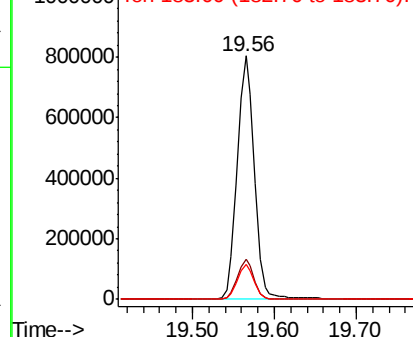
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.558 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

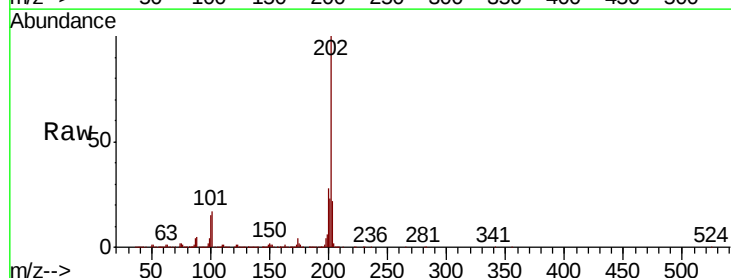
Tgt Ion:202 Resp: 1880304

Ion Ratio Lower Upper

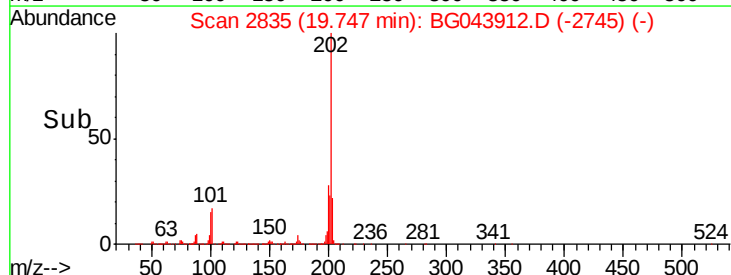
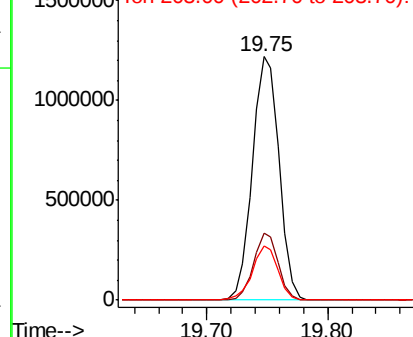
202 100

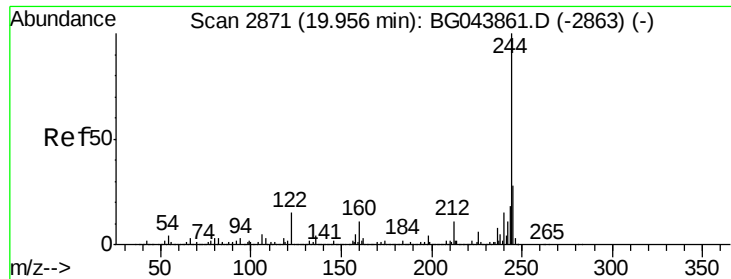
200 27.6 21.7 32.5

203 22.1 17.0 25.6



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





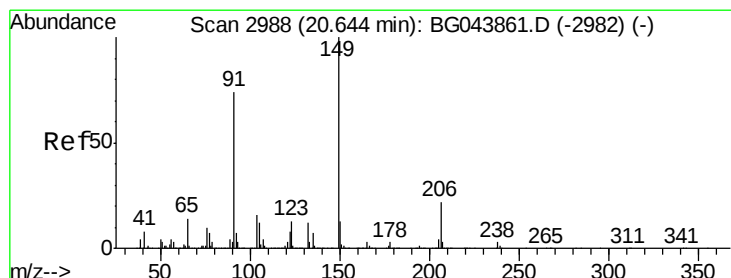
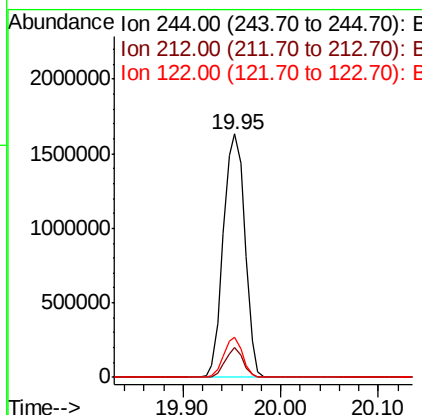
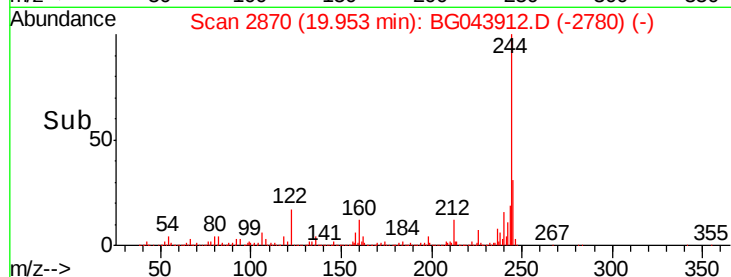
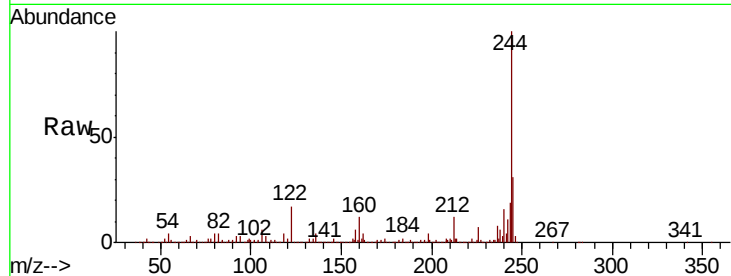
#79
 Terphenyl-d14
 Concen: 84.944 ng
 RT: 19.95 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Instrument :
 BNA_G
 ClientSampleId :
 PB125896BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	12.1	8.6	13.0
122	16.6	11.9	17.9

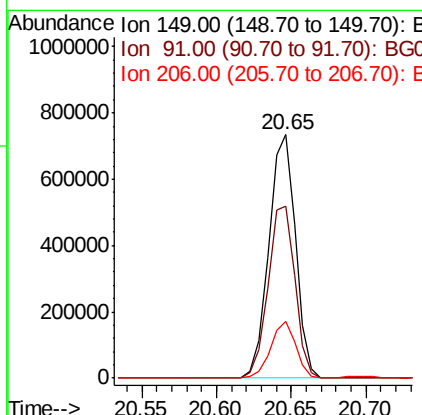
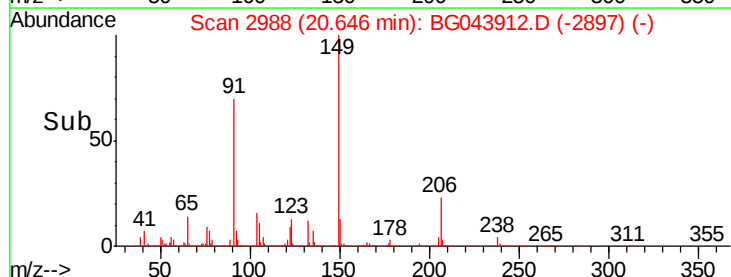
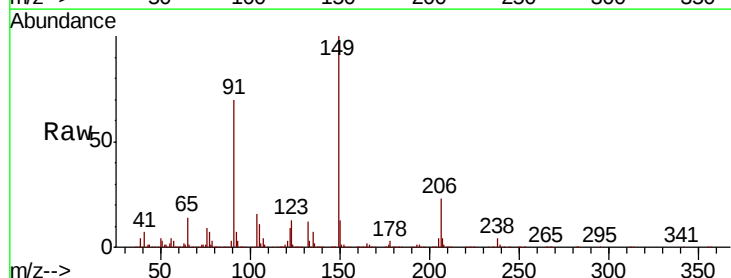
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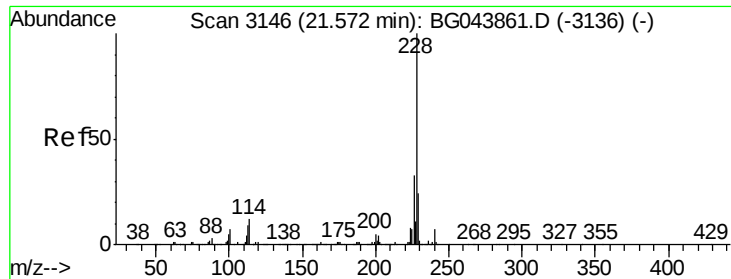
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.971 ng
 RT: 20.65 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: BG043912.D
 Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	59.5	89.3
206	23.3	17.8	26.6





#81

Benzo(a)anthracene

Concen: 41.305 ng

RT: 21.57 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

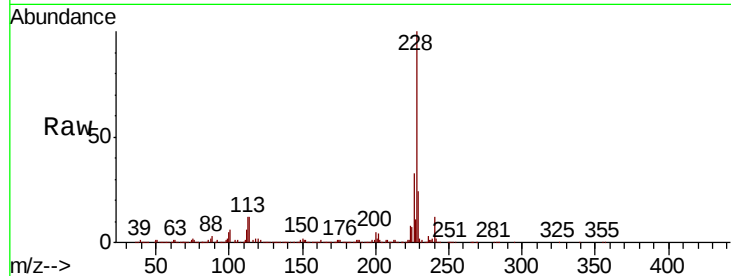
ClientSampleId :

PB125896BS

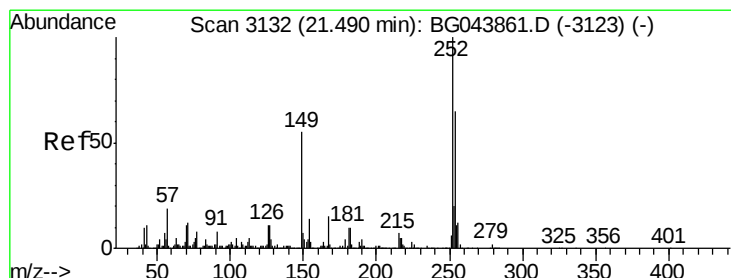
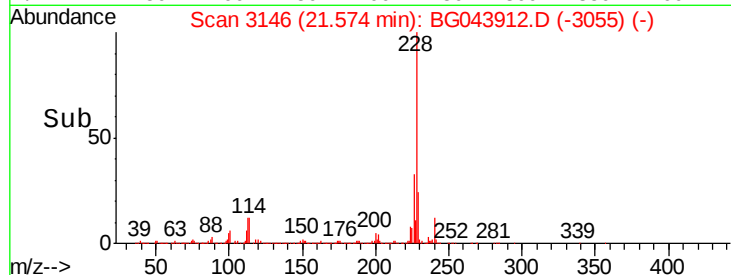
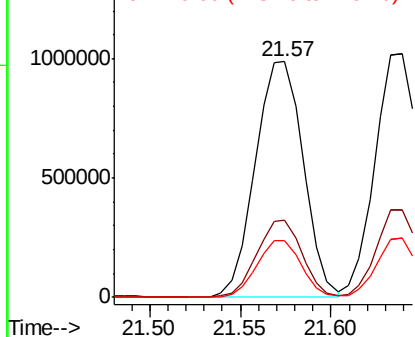
Tot Ion:	228	Resp:	1819109
Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.4
229	23.9	18.9	28.3

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



#82

3,3'-Dichlorobenzidine

Concen: 30.460 ng

RT: 21.49 min Scan# 3131

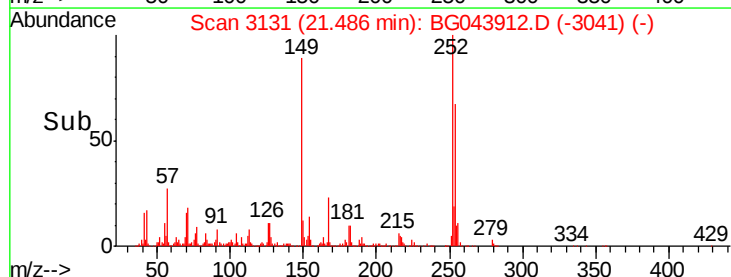
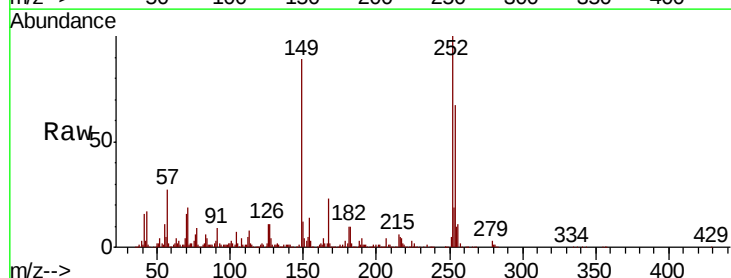
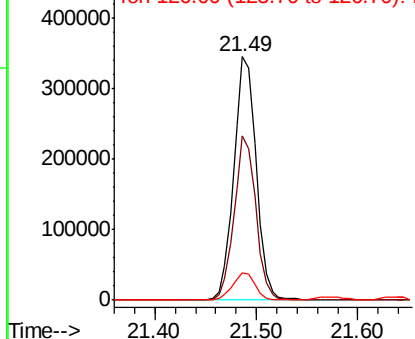
Delta R.T. -0.00 min

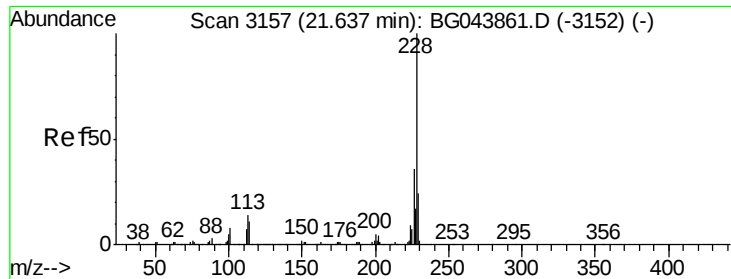
Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:	252	Resp:	529981
Ion	Ratio	Lower	Upper
252	100		
254	67.3	52.1	78.1
126	11.1	9.1	13.7

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





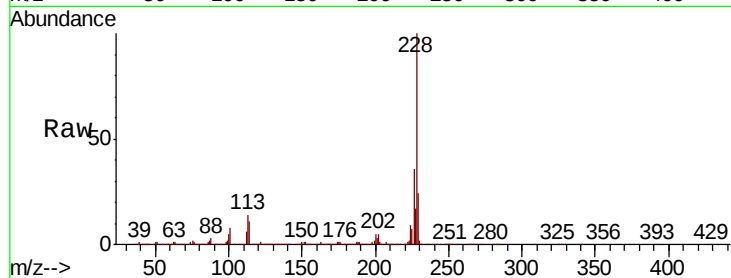
#83
Chrysene
Concen: 41.270 ng
RT: 21.64 min Scan# 3157
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

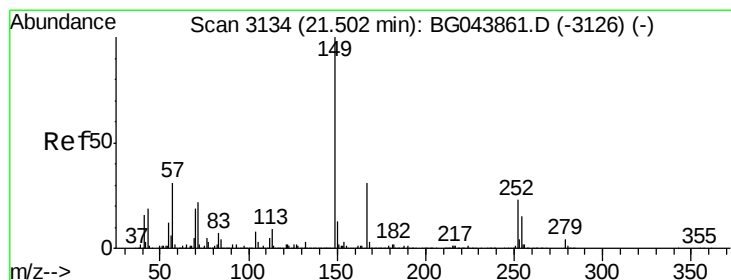
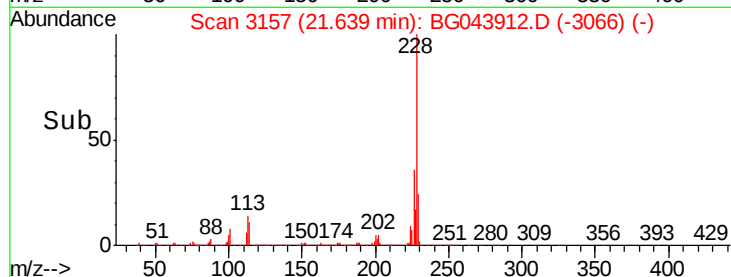
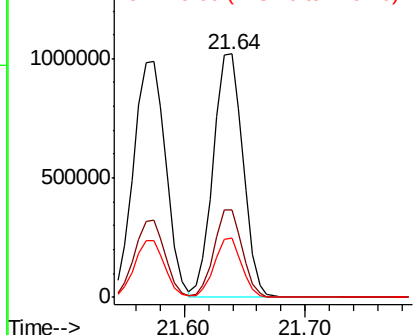
Tot Ion:228 Resp: 1727037
Ion Ratio Lower Upper
228 100
226 36.1 28.8 43.2
229 24.2 19.0 28.6

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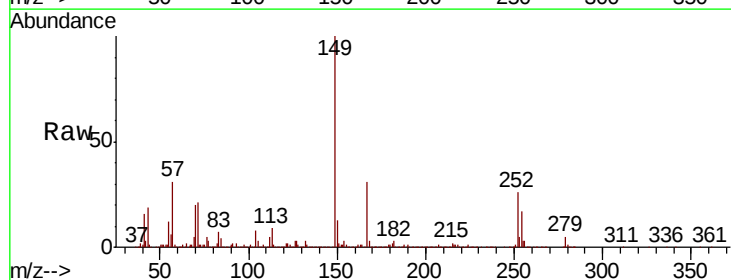


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

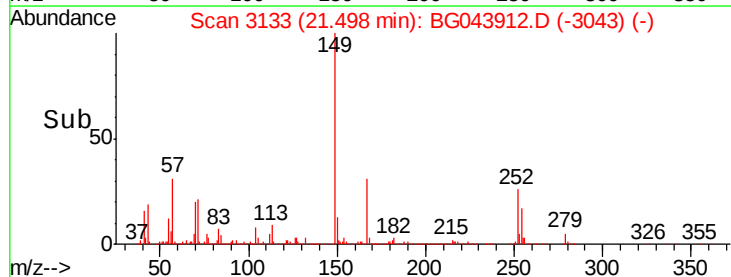
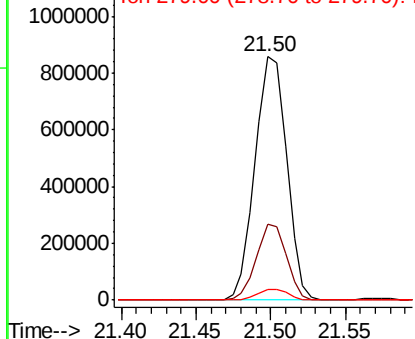


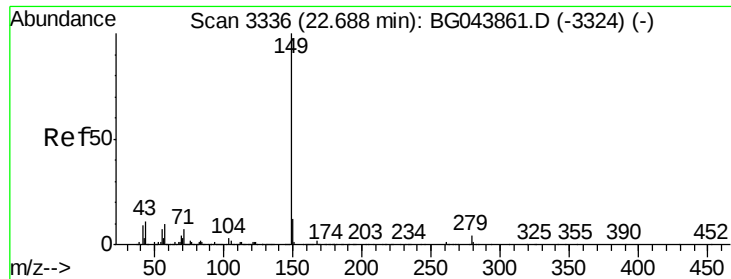
#84
Bis(2-ethylhexyl)phthalate
Concen: 41.337 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:149 Resp: 1258924
Ion Ratio Lower Upper
149 100
167 31.2 24.7 37.1
279 4.6 3.3 4.9



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





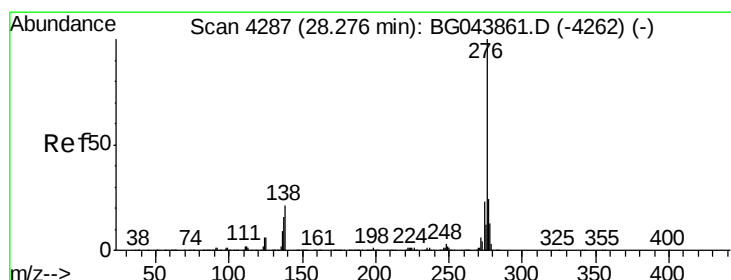
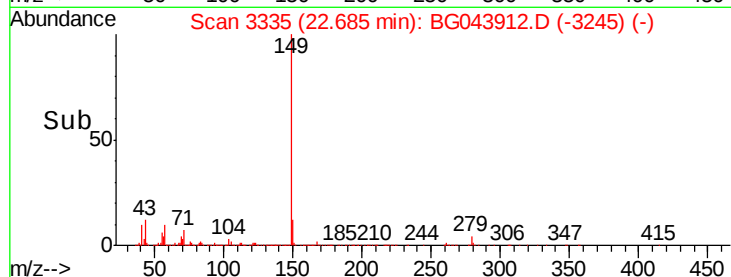
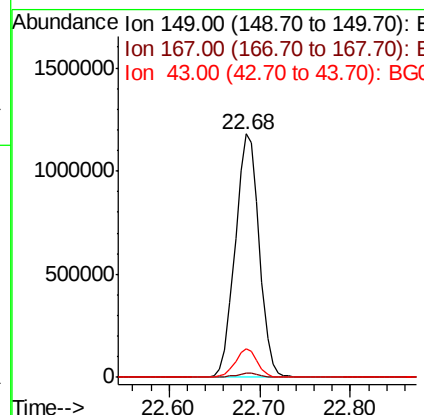
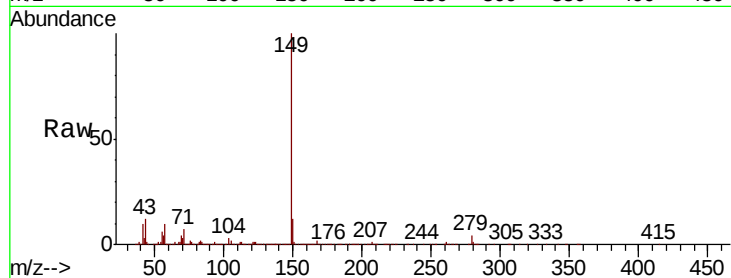
#85
Di-n-octyl phthalate
Concen: 42.244 ng
RT: 22.68 min Scan# 3335
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	11.0	8.8	13.2

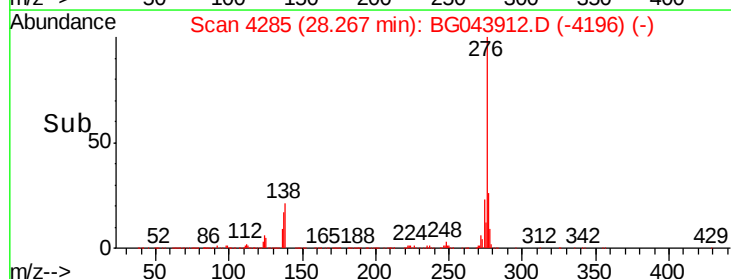
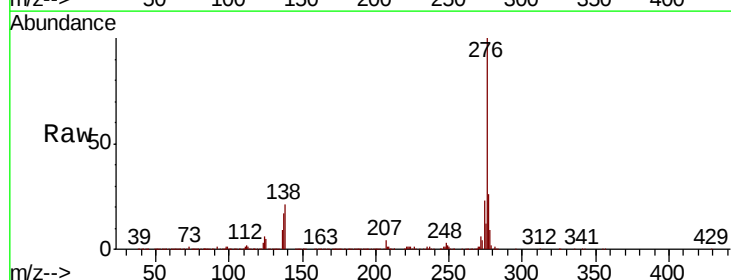
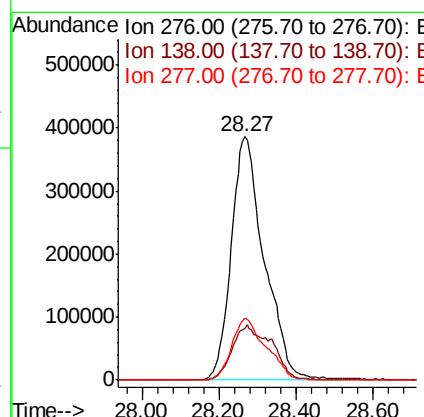
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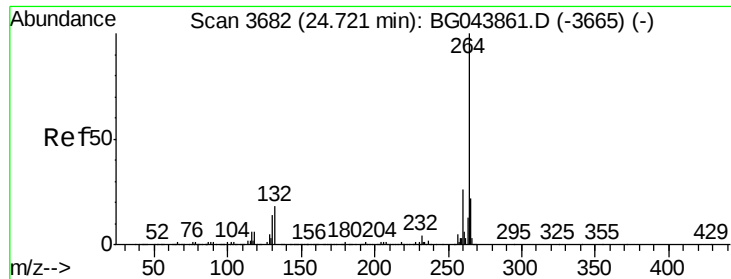
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.587 ng
RT: 28.27 min Scan# 4285
Delta R.T. -0.01 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.0	31.4
277	26.6	21.1	31.7





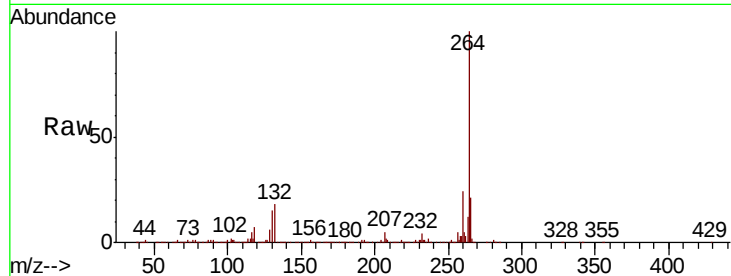
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.72 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.4	30.6
265	21.4	17.4	26.2

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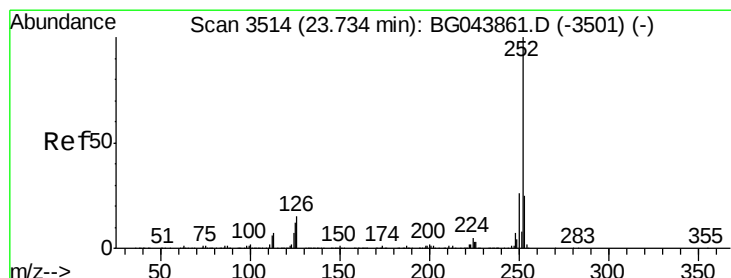
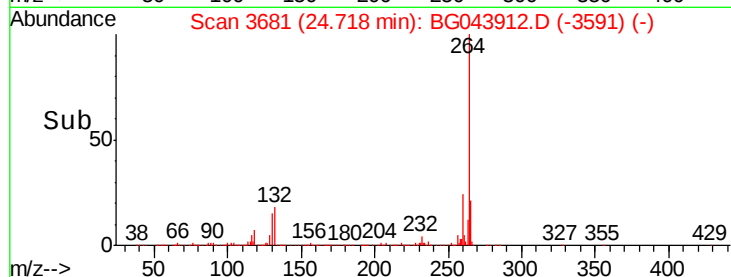
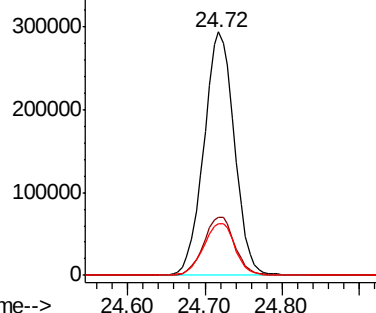


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.657 ng
RT: 23.73 min Scan# 3513
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

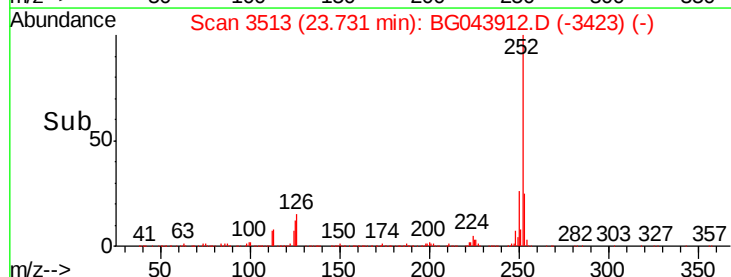
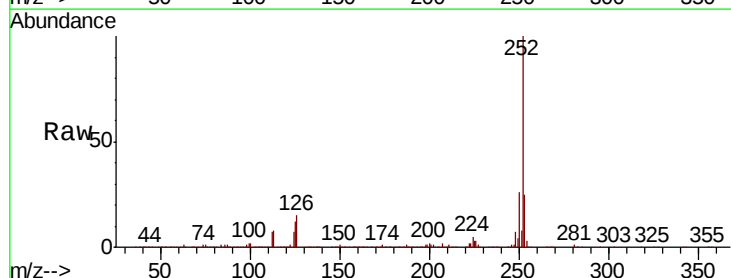
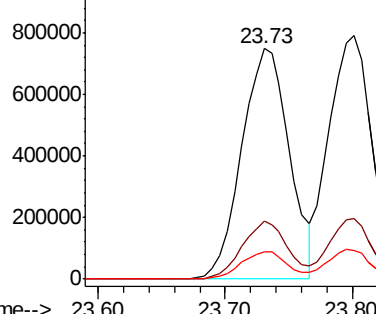
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.7	29.5
125	12.1	9.4	14.2

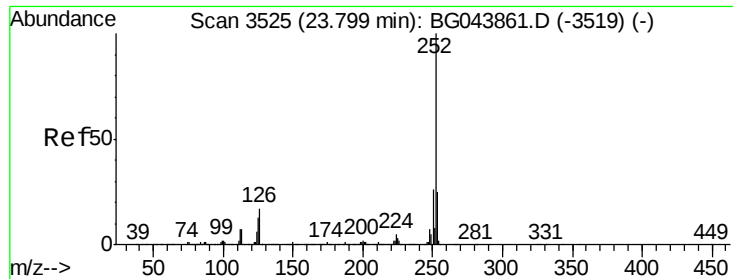
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.879 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Instrument :

BNA_G

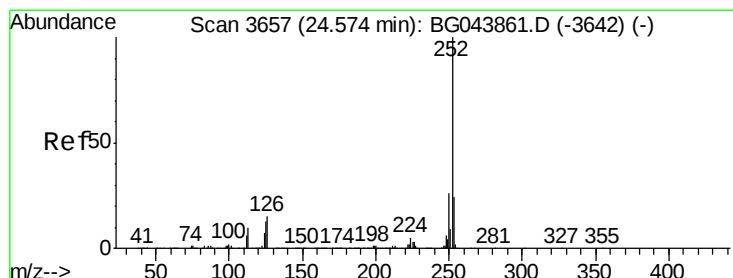
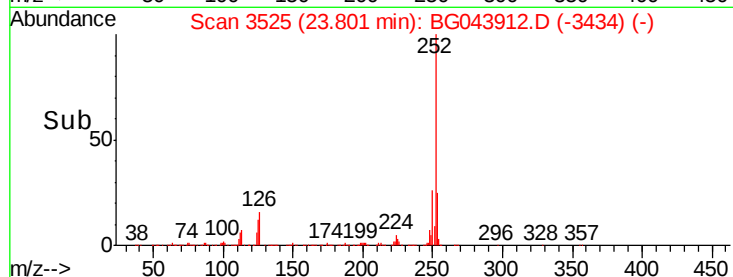
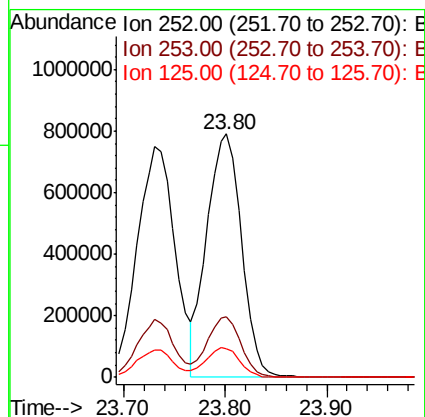
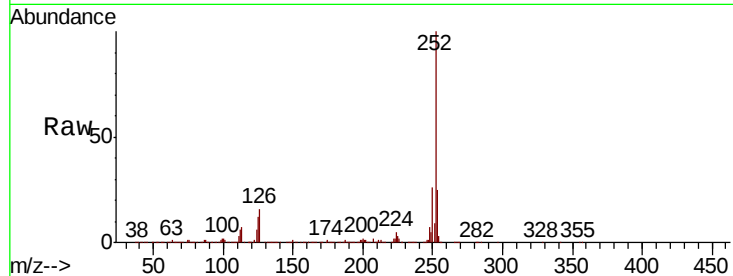
ClientSampleId :

PB125896BS

Tot Ion:	252	Resp:	1871281
Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	12.0	9.9	14.9

Manual Integrations
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mohammad
1/6/2020 11:42:04 AM



#90

Benzo(a)pyrene

Concen: 39.710 ng

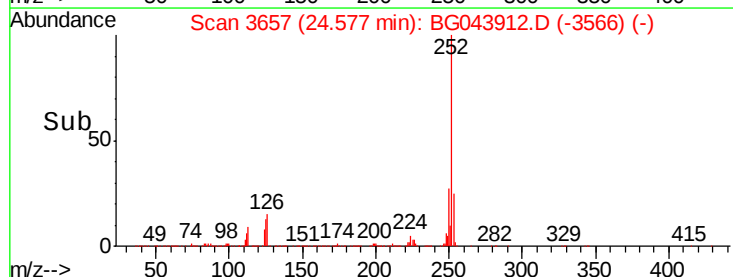
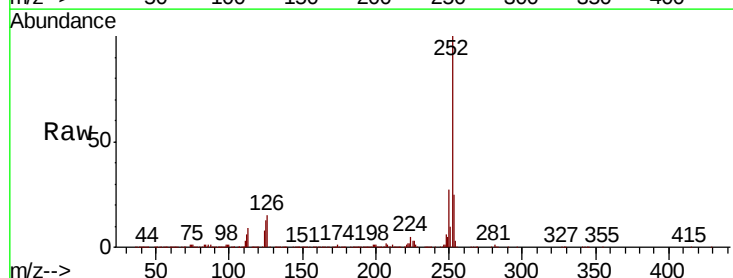
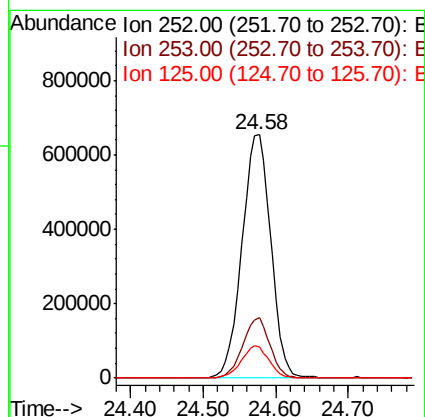
RT: 24.58 min Scan# 3657

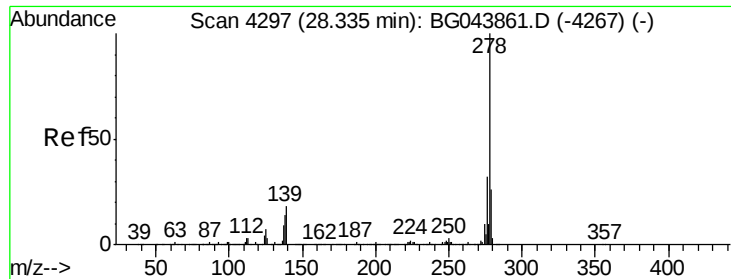
Delta R.T. 0.00 min

Lab File: BG043912.D

Acq: 4 Jan 2020 8:19

Tgt Ion:	252	Resp:	1804173
Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.3	28.9
125	13.0	10.4	15.6





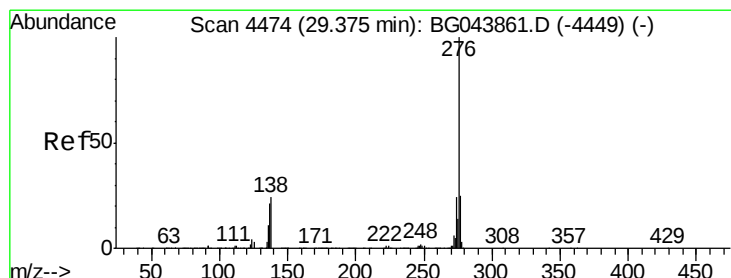
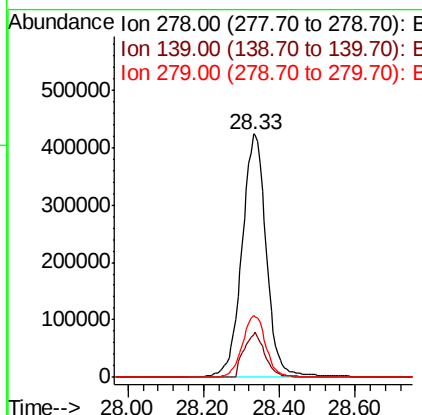
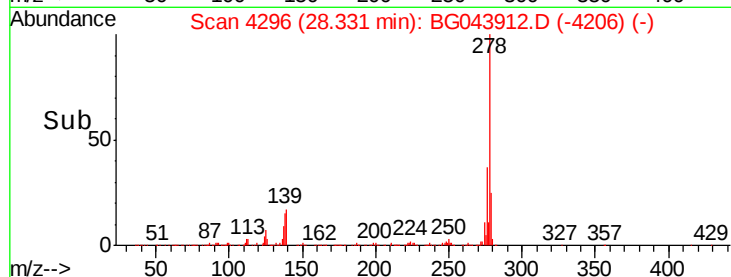
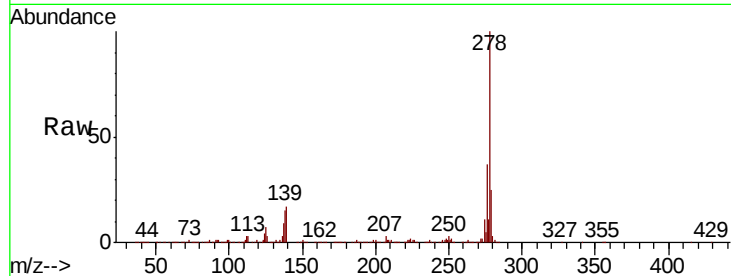
#91
Dibenzo(a,h)anthracene
Concen: 41.626 ng
RT: 28.33 min Scan# 4296
Delta R.T. -0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Instrument :
BNA_G
ClientSampleId :
PB125896BS

Tot Ion:278 Resp: 1899356
Ion Ratio Lower Upper
278 100
139 17.4 14.2 21.4
279 25.3 20.6 30.8

Manual Integrations
APPROVED

mohammad
1/6/2020 11:42:04 AM



#92
Benzo(g,h,i)perylene
Concen: 42.108 ng
RT: 29.38 min Scan# 4474
Delta R.T. 0.00 min
Lab File: BG043912.D
Acq: 4 Jan 2020 8:19

Tgt Ion:276 Resp: 1908494
Ion Ratio Lower Upper
276 100
277 24.8 20.2 30.4
138 22.6 19.0 28.6

