

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043953.D
 Acq On : 7 Jan 2020 13:44
 Operator : JU
 Sample : IDOC-W-04-CG
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-04-CG

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Quant Time: Jan 07 17:00:47 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	116208	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	513816	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	345556	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	754872	20.00	ng	0.00
76) Chrysene-d12	21.58	240	649083	20.00	ng	0.00
87) Perylene-d12	24.71	264	711066	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	774938	122.44	ng	0.00
7) Phenol-d6	7.13	99	1027398	116.13	ng	0.00
23) Nitrobenzene-d5	9.12	82	654151	68.11	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	393369	108.78	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1431263	75.04	ng	0.00
79) Terphenyl-d14	19.95	244	2045920	73.13	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	107039	38.788	ng	98
3) Pyridine	3.82	79	260862	31.999	ng	96
4) n-Nitrosodimethylamine	3.73	42	139111	38.328	ng	99
6) Aniline	7.28	93	348917	30.027	ng	99
8) 2-Chlorophenol	7.52	128	332169	44.706	ng	99
9) Benzaldehyde	7.09	77	196896	34.774	ng	99
10) Phenol	7.15	94	414592	45.485	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	307097	39.031	ng	99
12) 1,3-Dichlorobenzene	7.85	146	340082	39.113	ng	98
13) 1,4-Dichlorobenzene	7.99	146	339945	39.626	ng	99
14) 1,2-Dichlorobenzene	8.32	146	324604	39.420	ng	99
15) Benzyl Alcohol	8.19	79	286183	40.988	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	429672	35.298	ng	98
17) 2-Methylphenol	8.41	107	287652	43.609	ng	97
18) Hexachloroethane	9.05	117	127107	38.077	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	248538	37.724	ng	98
20) 3+4-Methylphenols	8.73	107	397482	43.196	ng	96
22) Acetophenone	8.78	105	458224	35.872	ng	99
24) Nitrobenzene	9.16	77	353555	37.166	ng	99
25) Isophorone	9.68	82	666616	36.994	ng	100
26) 2-Nitrophenol	9.87	139	184653	41.028	ng	98
27) 2,4-Dimethylphenol	9.93	122	318994	47.085	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	429572	35.758	ng	100
29) 2,4-Dichlorophenol	10.41	162	333783	41.304	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	332388	36.683	ng	98
31) Naphthalene	10.81	128	973175	39.139	ng	99
32) Benzoic acid	10.06	122	116411	24.609	ng	98
33) 4-Chloroaniline	10.91	127	271137	22.863	ng	99
34) Hexachlorobutadiene	11.11	225	194769	35.206	ng	98
35) Caprolactam	11.68	113	122781m	40.813	ng	
36) 4-Chloro-3-methylphenol	12.04	107	355728	41.350	ng	98
37) 2-Methylnaphthalene	12.42	142	728051	38.893	ng	99
38) 1-Methylnaphthalene	12.64	142	700077	39.460	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	350336	34.590	ng	99

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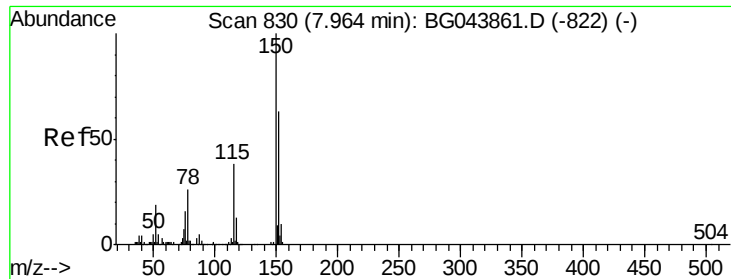
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	446146	84.966	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	260888	37.435	nq	98
44) 2,4,5-Trichlorophenol	13.09	196	284891	39.636	nq	98
46) 1,1'-Biphenyl	13.42	154	923553	37.276	nq	100
47) 2-Chloronaphthalene	13.46	162	725547	36.240	nq	98
48) 2-Nitroaniline	13.66	65	233323	36.230	nq	98
49) Acenaphthylene	14.31	152	1142365	39.699	nq	99
50) Dimethylphthalate	14.05	163	936944	38.187	nq	99
51) 2,6-Dinitrotoluene	14.16	165	214458	38.671	nq	97
52) Acenaphthene	14.66	154	817112	40.492	nq	99
53) 3-Nitroaniline	14.49	138	174541	27.716	nq	99
54) 2,4-Dinitrophenol	14.69	184	188088	67.494	nq	99
55) Dibenzofuran	14.99	168	1109502	39.939	nq	99
56) 4-Nitrophenol	14.80	139	412973	85.575	nq	97
57) 2,4-Dinitrotoluene	14.95	165	305275	40.455	nq	99
58) Fluorene	15.64	166	880448	39.987	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	252178	40.801	nq	97
60) Diethylphthalate	15.42	149	962368	39.215	nq	100
61) 4-Chlorophenyl-phenylether	15.63	204	456795	38.207	nq	98
62) 4-Nitroaniline	15.65	138	229308	36.872	nq	97
63) Azobenzene	15.93	77	906362	39.825	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	158525	41.421	nq	98
66) n-Nitrosodiphenylamine	15.84	169	827984	37.246	nq	99
67) 4-Bromophenyl-phenylether	16.53	248	296624	34.938	nq	99
68) Hexachlorobenzene	16.65	284	320593	35.044	nq	98
69) Atrazine	16.80	200	316036	43.736	nq	99
70) Pentachlorophenol	16.99	266	352987	69.996	nq	98
71) Phenanthrene	17.38	178	1388841	38.358	nq	99
72) Anthracene	17.47	178	1430817	39.986	nq	99
73) Carbazole	17.73	167	1313301	39.732	nq	99
74) Di-n-butylphthalate	18.31	149	1607184	38.084	nq	98
75) Fluoranthene	19.39	202	1603180	38.716	nq	99
77) Benzidine	19.56	184	717165	43.957	nq	99
78) Pyrene	19.75	202	1591543	37.565	nq	99
80) Butylbenzylphthalate	20.64	149	739551	36.664	nq	99
81) Benzo(a)anthracene	21.57	228	1534670	38.131	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	493378	31.028	nq	99
83) Chrysene	21.63	228	1478082	38.650	nq	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1056787	37.970	nq	99
85) Di-n-octyl phthalate	22.68	149	1818239	38.859	nq	98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1828805	35.188	nq	# 91
88) Benzo(b)fluoranthene	23.72	252	1648482	39.216	nq	99
89) Benzo(k)fluoranthene	23.79	252	1576732	39.444	nq	99
90) Benzo(a)pyrene	24.56	252	1512471	38.121	nq	99
91) Dibenzo(a,h)anthracene	28.32	278	1483537	37.232	nq	98
92) Benzo(g,h,i)perylene	29.35	276	1502333	37.958	nq	98

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



#1

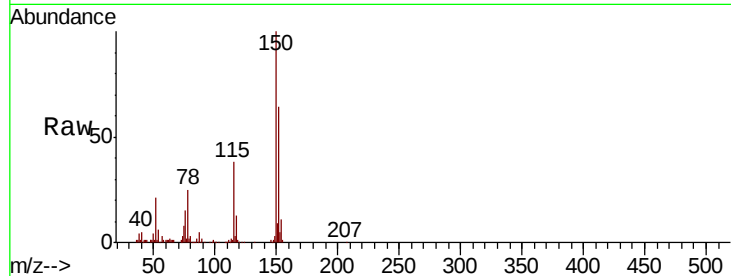
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.0	190.4
115	60.0	47.8	71.8

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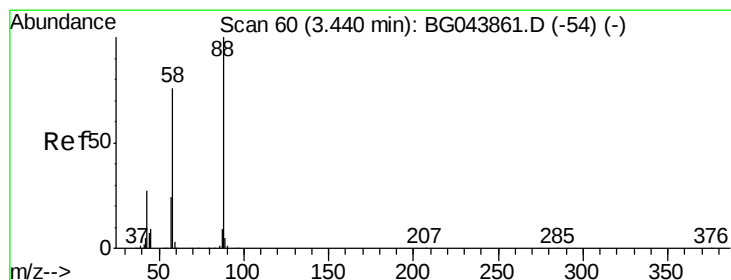
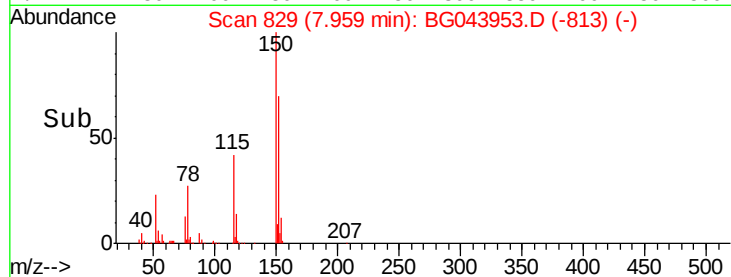
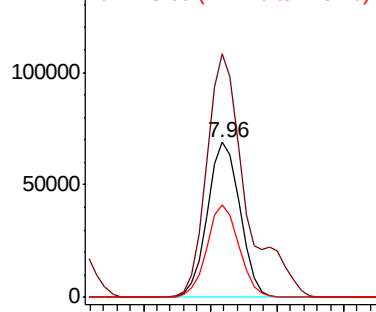


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

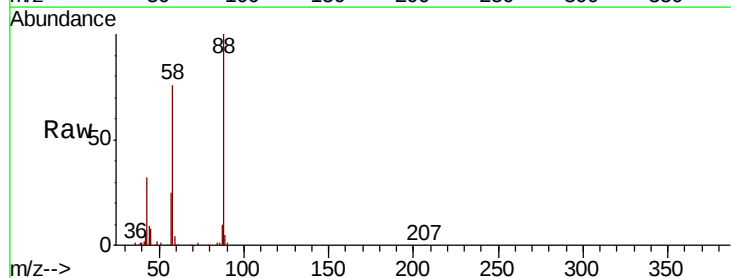
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.788 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	59.8	89.8
43	28.8	22.9	34.3

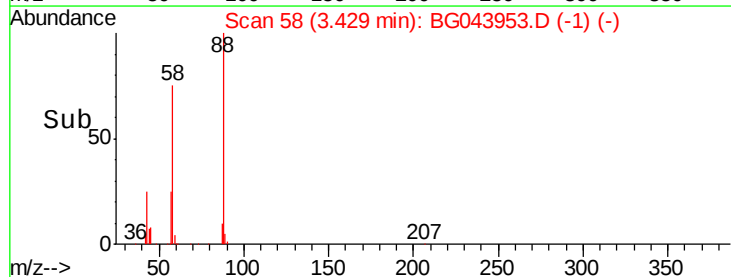
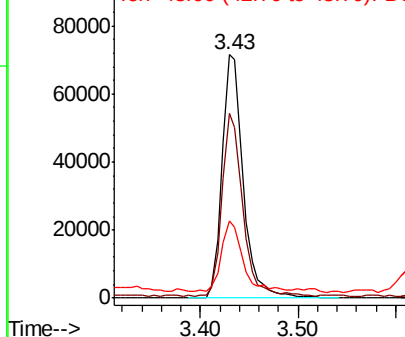


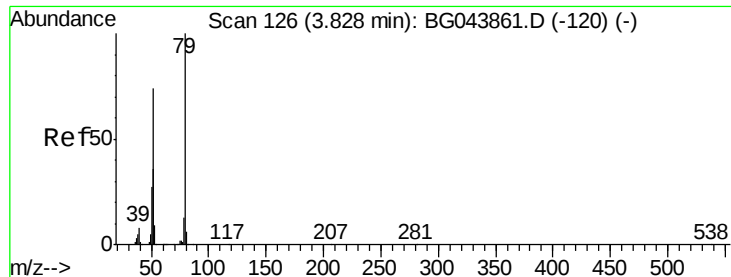
Abundance

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: 31.999 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

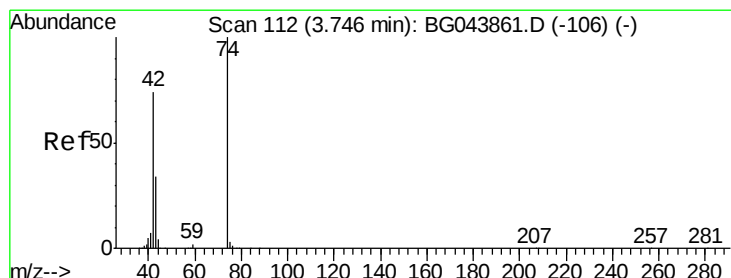
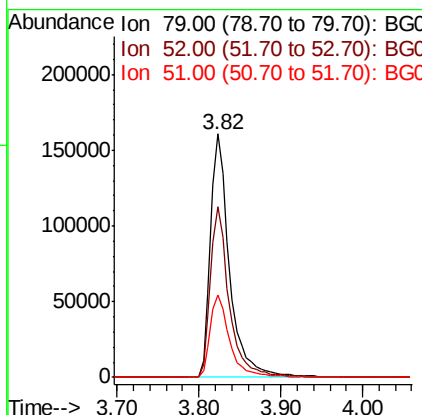
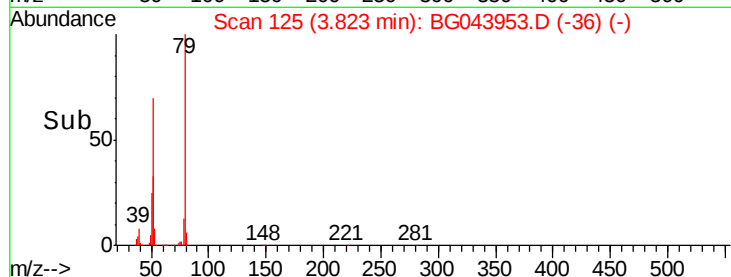
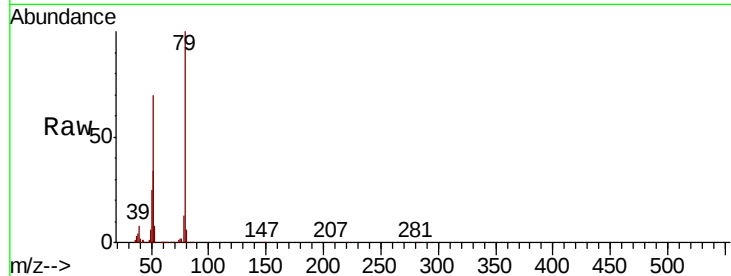
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	79	Resp:	260862
Ion	Ratio	Lower	Upper
79	100		
52	70.3	58.9	88.3
51	33.6	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 38.328 ng

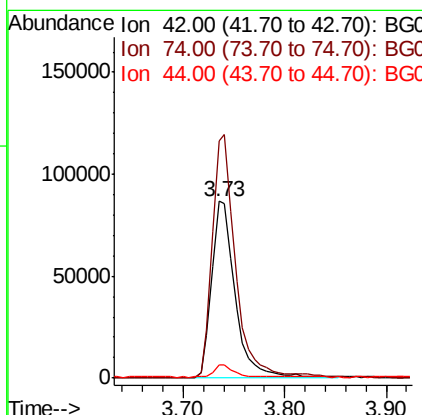
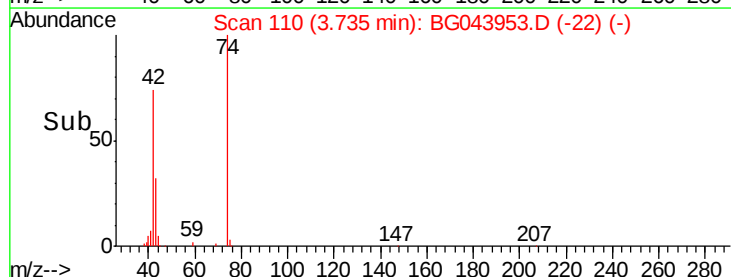
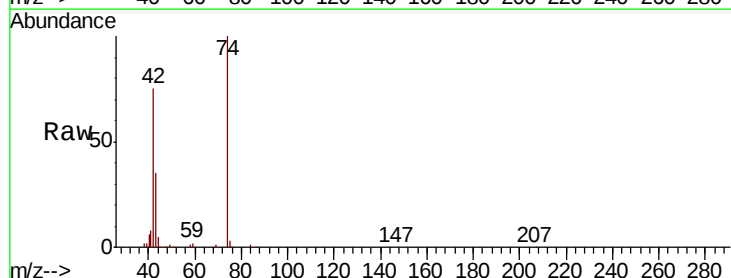
RT: 3.73 min Scan# 110

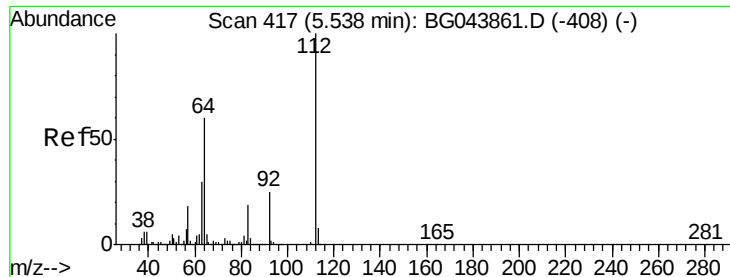
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	42	Resp:	139111
Ion	Ratio	Lower	Upper
42	100		
74	134.2	108.6	162.8
44	7.3	5.0	7.6





#5

2-Fluorophenol

Concen: 122.442 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

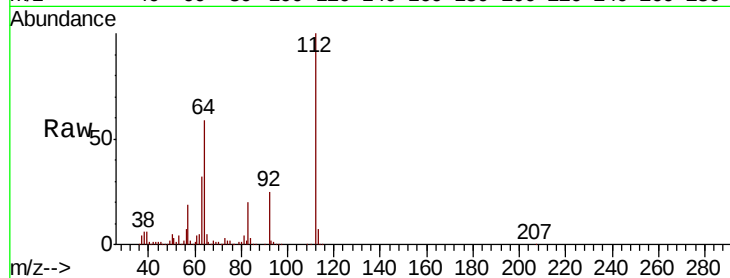
ClientSampleId :

IDOC-W-04-CG

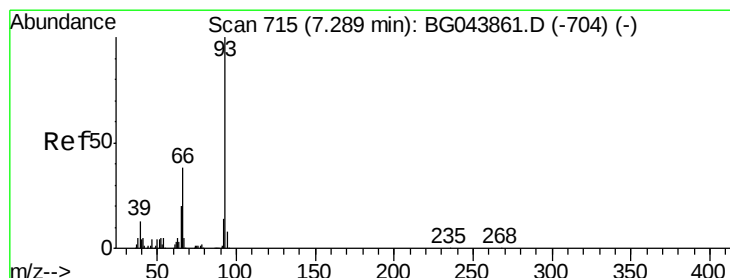
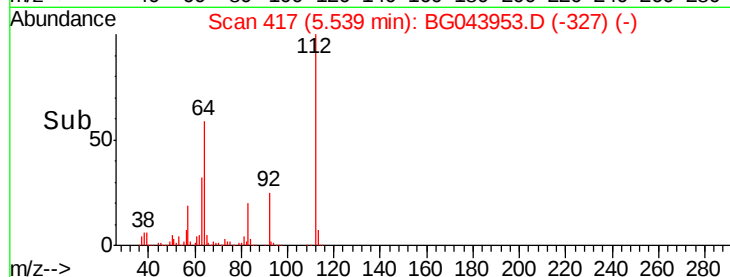
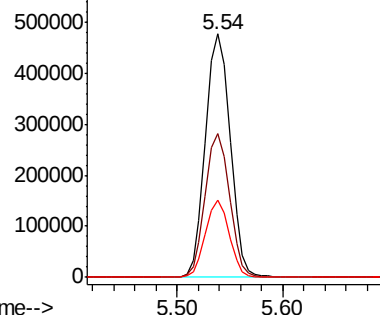
Tot Ion:	112	Resp:	774938
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.8	71.6
63	31.8	24.3	36.5

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



#6

Aniline

Concen: 30.027 ng

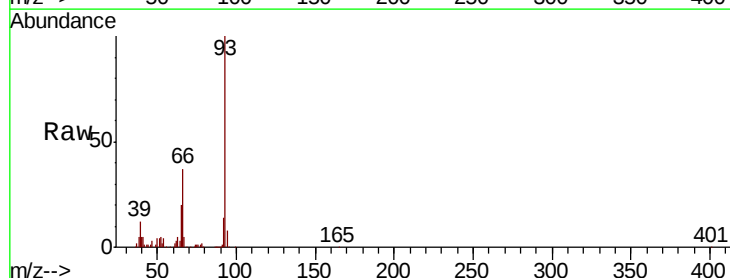
RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

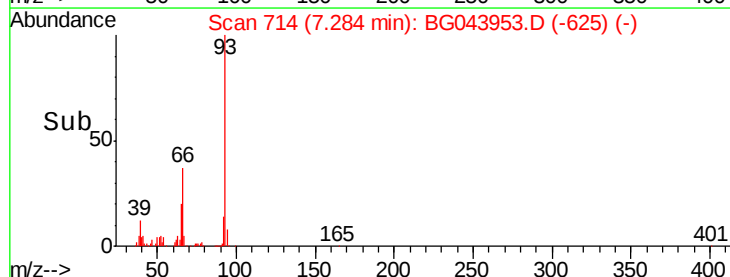
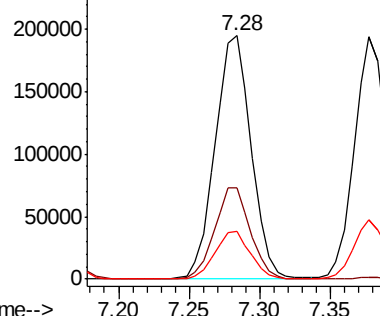
Lab File: BG043953.D

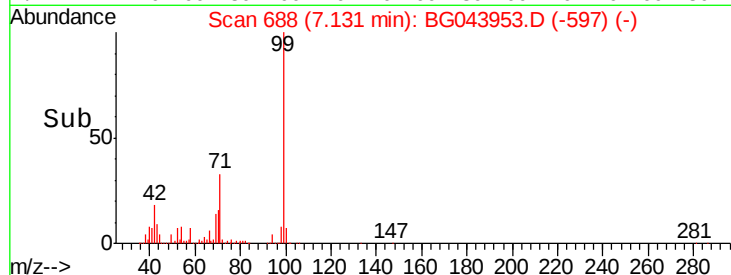
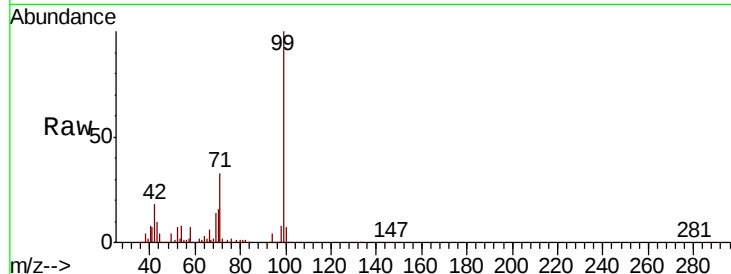
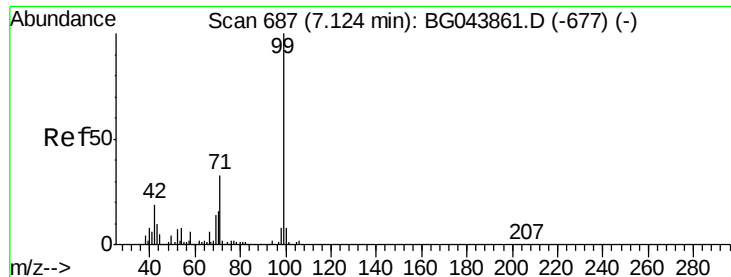
Acq: 7 Jan 2020 13:44

Tgt Ion:	93	Resp:	348917
Ion Ratio	Lower	Upper	
93	100		
66	37.4	30.8	46.2
65	19.6	16.0	24.0



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





#7

Phenol-d6

Concen: 116.132 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tot Ion:	99	Resp:	1027398
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.9	22.3
71	32.5	26.4	39.6

Instrument :

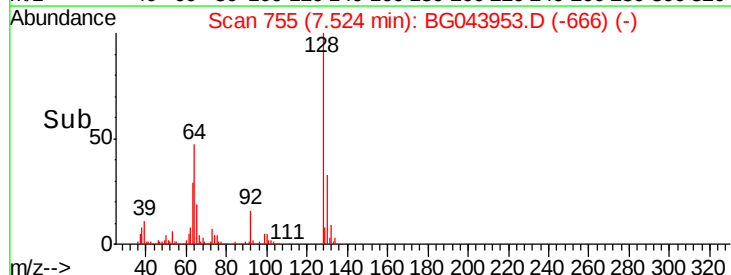
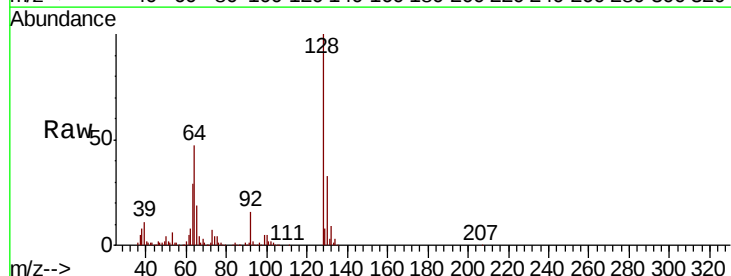
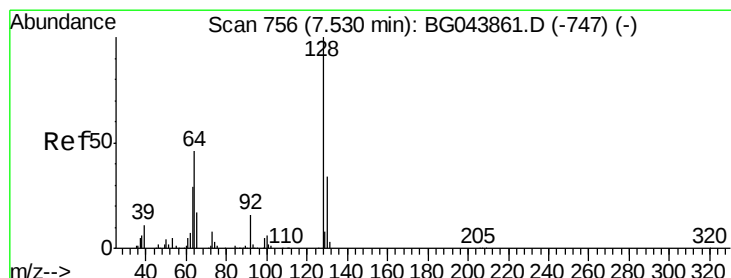
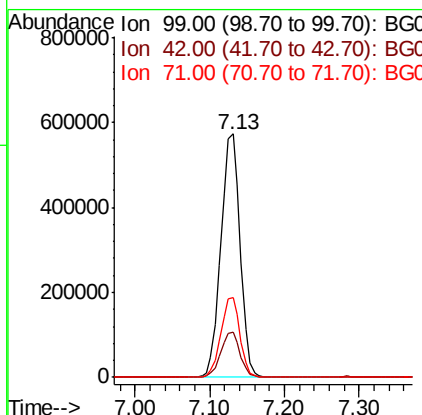
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 44.706 ng

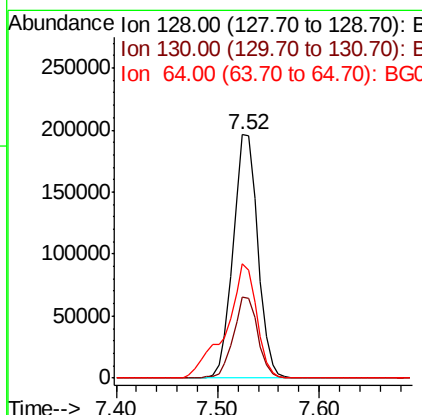
RT: 7.52 min Scan# 755

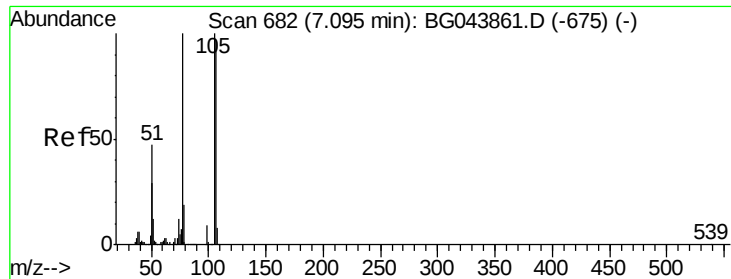
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	128	Resp:	332169
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.8	53.8
64	47.0	27.6	67.6





#9

Benzaldehyde

Concen: 34.774 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

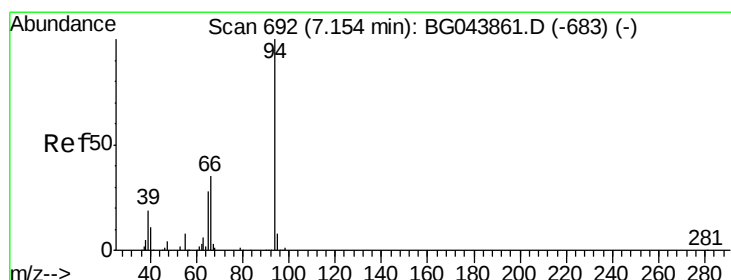
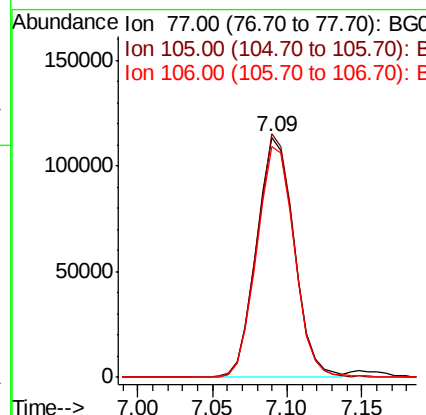
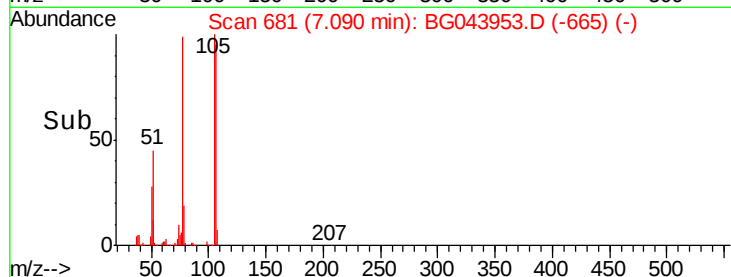
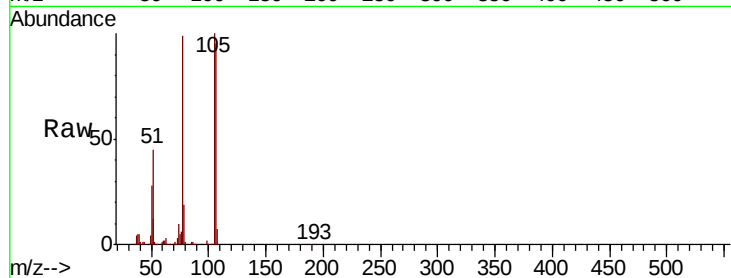
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	77	Resp:	196896
Ion	Ratio	Lower	Upper
77	100		
105	101.5	80.2	120.2
106	96.0	77.2	117.2

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#10

Phenol

Concen: 45.485 ng

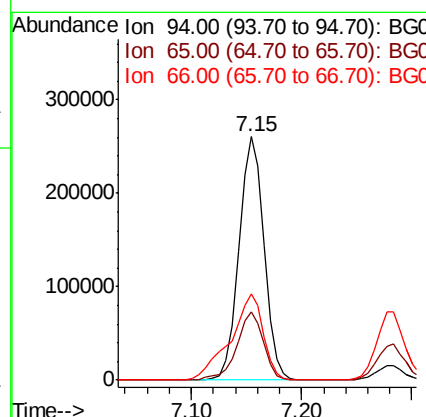
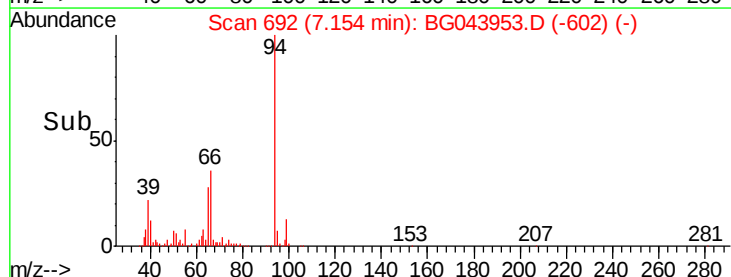
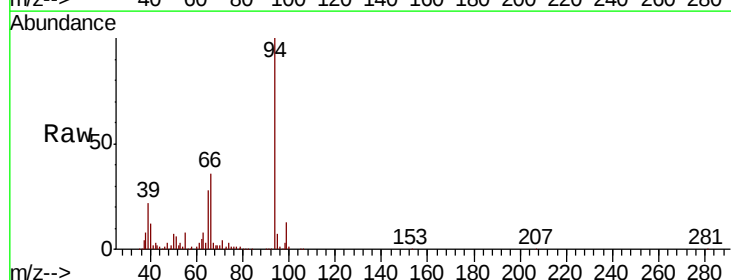
RT: 7.15 min Scan# 692

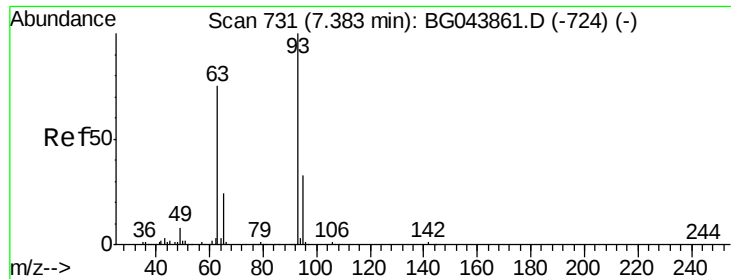
Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	94	Resp:	414592
Ion	Ratio	Lower	Upper
94	100		
65	28.0	8.1	48.1
66	35.6	15.6	55.6





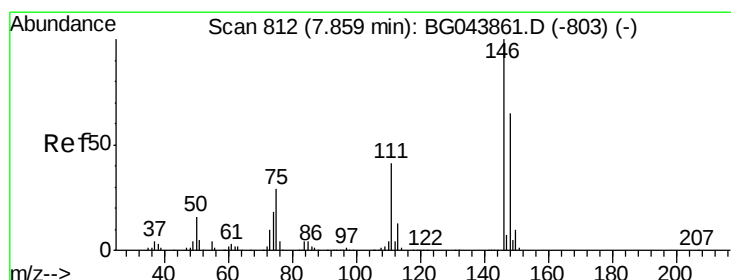
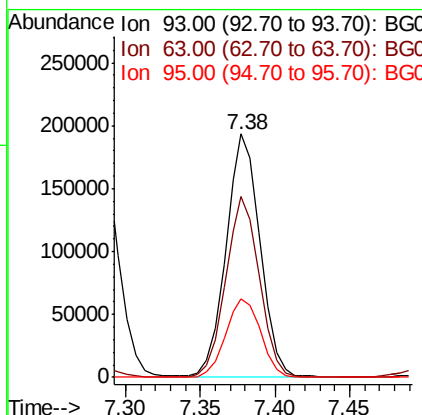
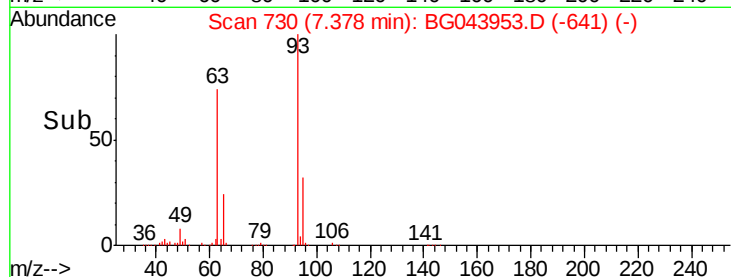
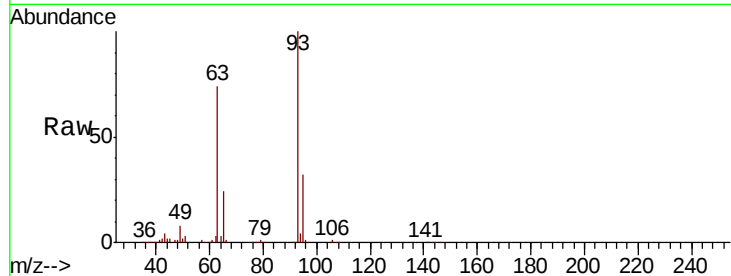
#11
bis(2-Chloroethyl)ether
Concen: 39.031 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	55.0	95.0
95	32.1	13.3	53.3

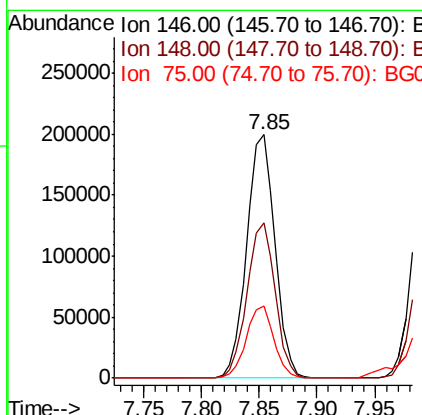
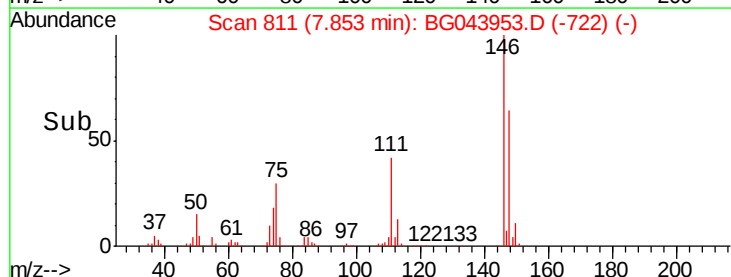
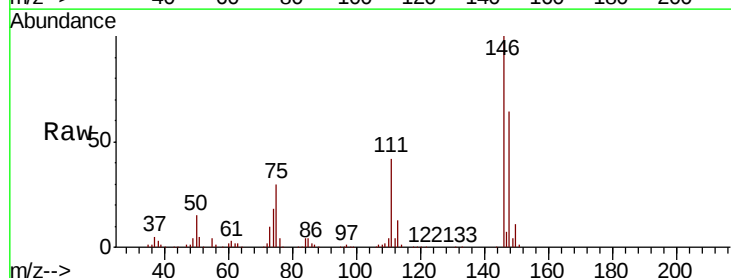
Manual Integrations
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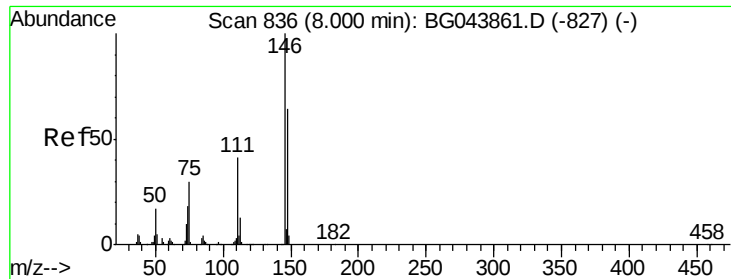
mohammad
1/8/2020 4:26:07 PM



#12
1,3-Dichlorobenzene
Concen: 39.113 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	29.6	23.0	34.4





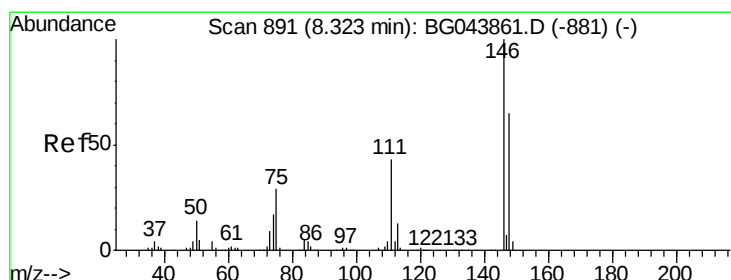
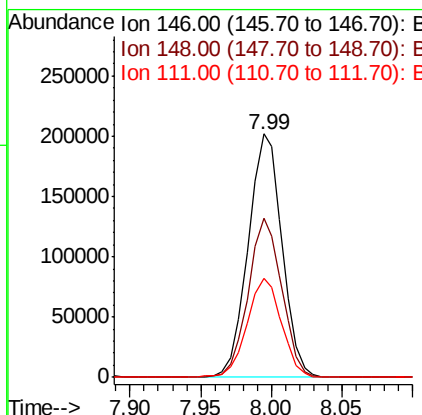
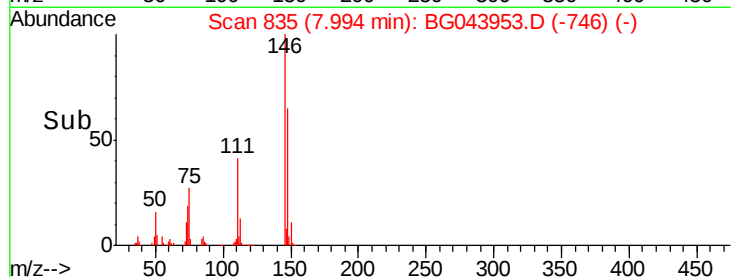
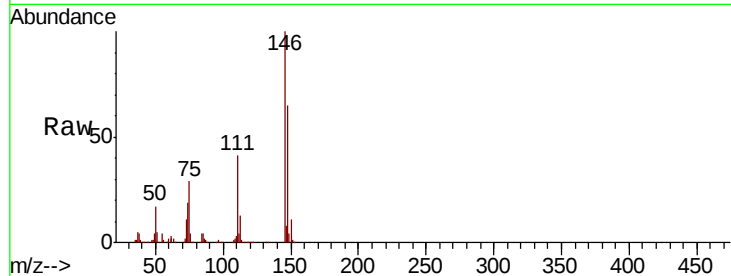
#13
 1,4-Dichlorobenzene
 Concen: 39.626 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Instrument :
 BNA_G
 ClientSampleID :
 IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	40.9	33.1	49.7

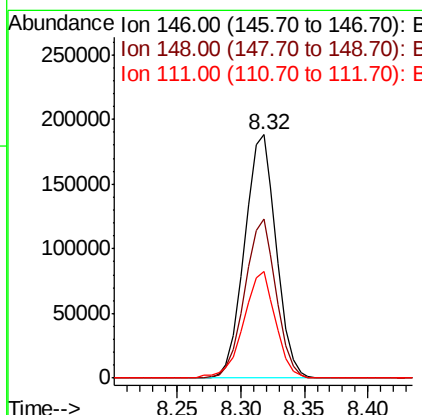
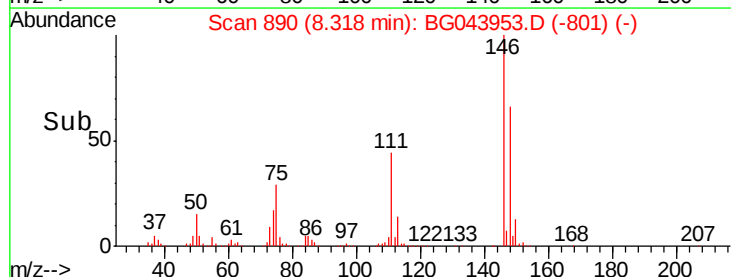
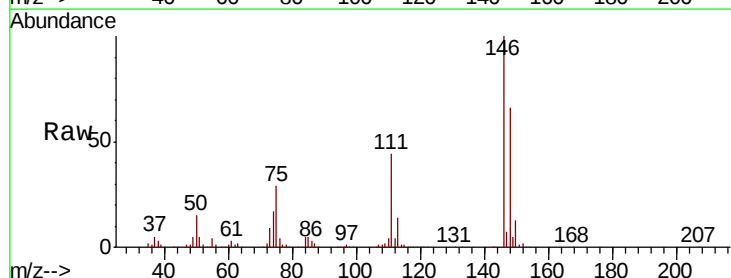
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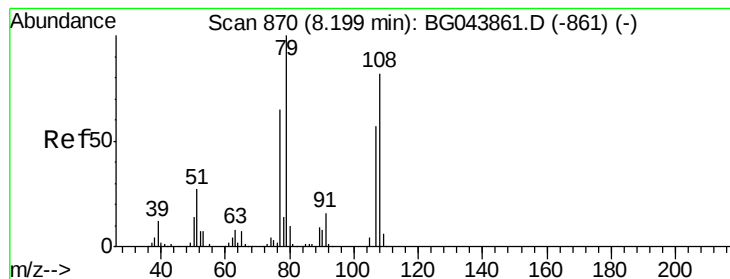
mohammad
 1/8/2020 4:26:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.420 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.7	77.5
111	43.6	34.4	51.6





#15

Benzyl Alcohol

Concen: 40.988 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

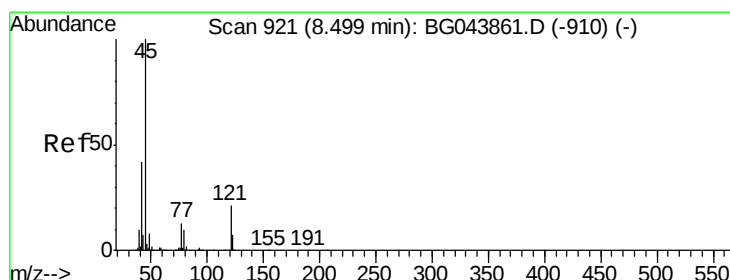
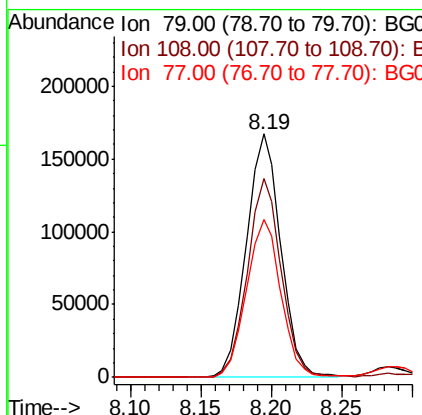
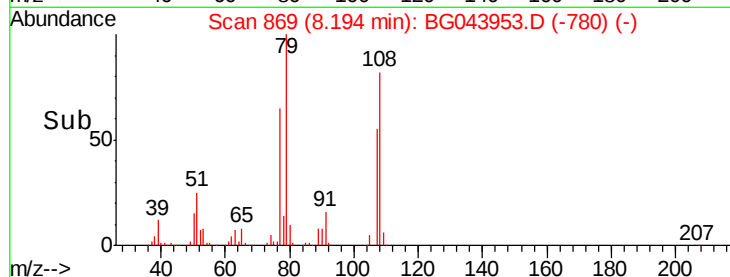
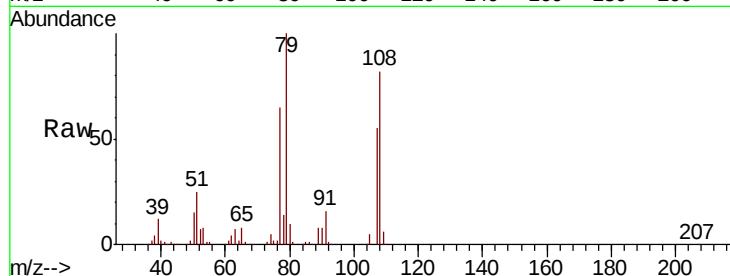
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	79	Resp:	286183
Ion Ratio	Lower	Upper	
79	100		
108	81.6	65.6	98.4
77	65.1	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.298 ng

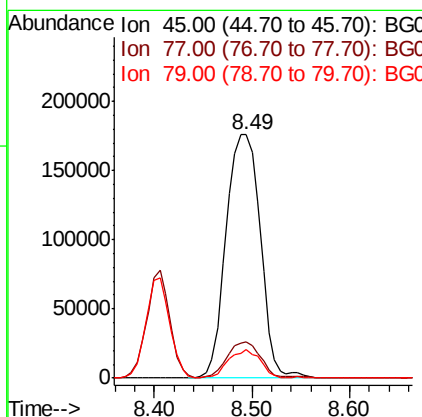
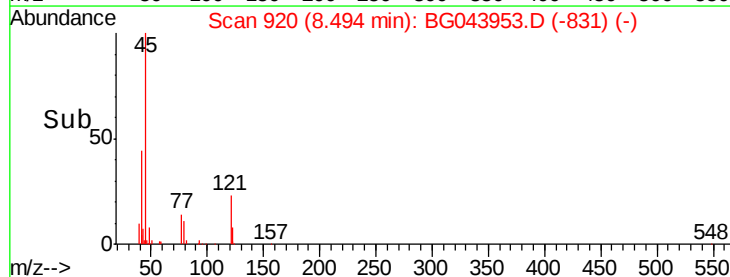
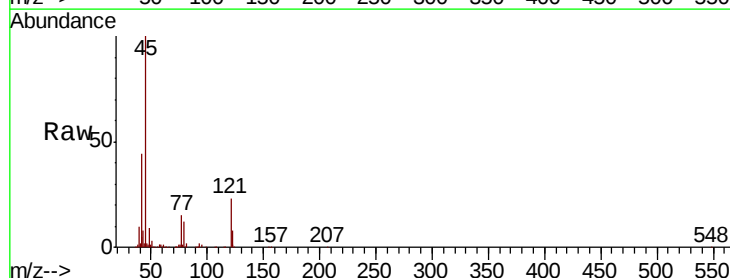
RT: 8.49 min Scan# 920

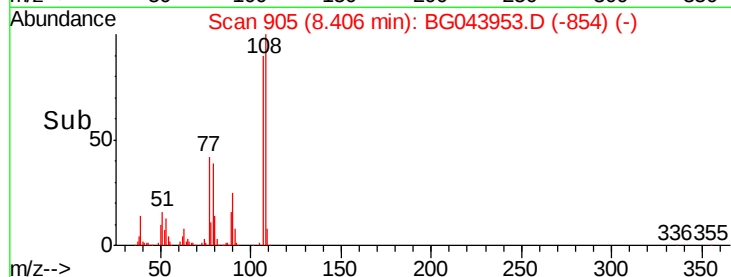
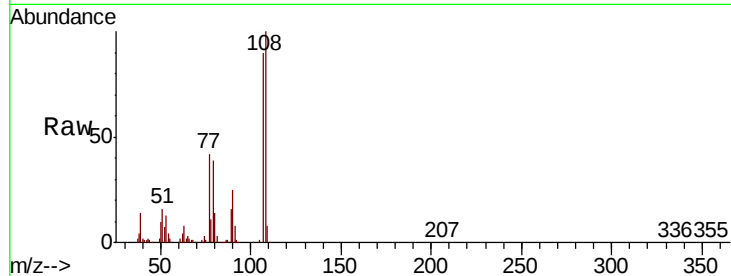
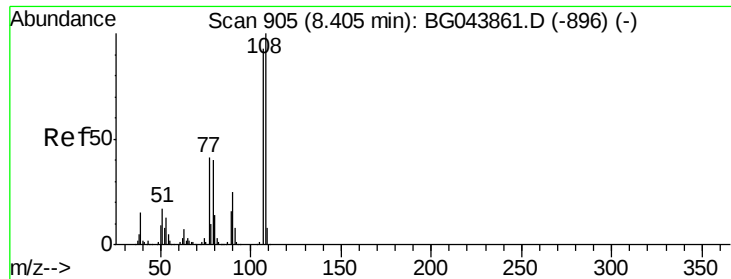
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	45	Resp:	429672
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	33.8
79	11.6	0.0	31.0





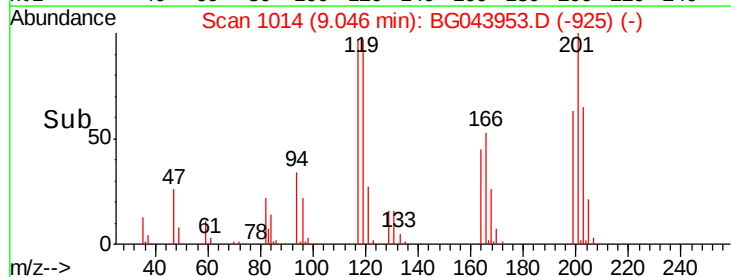
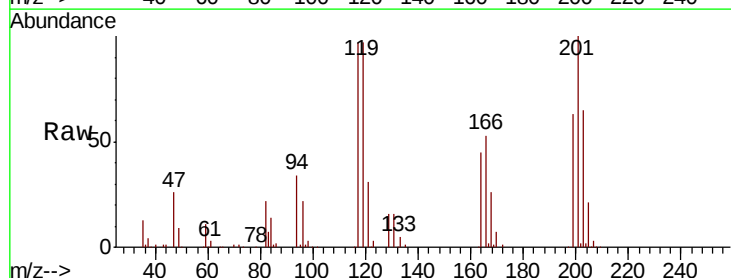
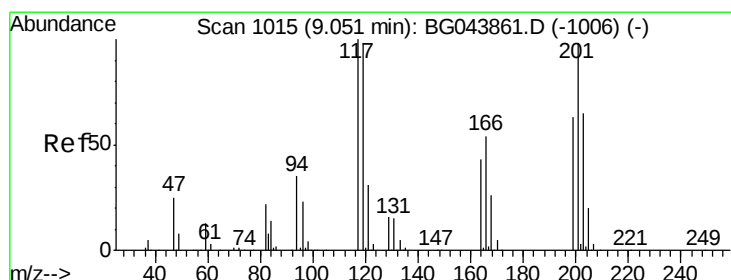
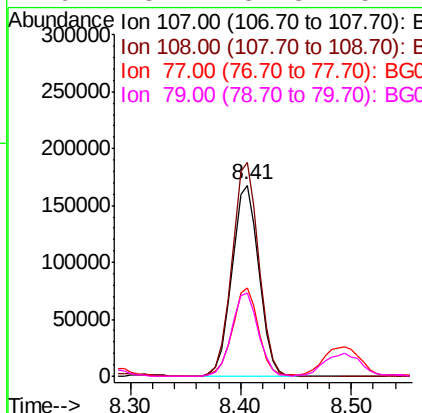
#17
2-Methylphenol
Concen: 43.609 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	86.1	129.1	
77	46.5	35.4	53.0	
79	43.4	34.8	52.2	

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

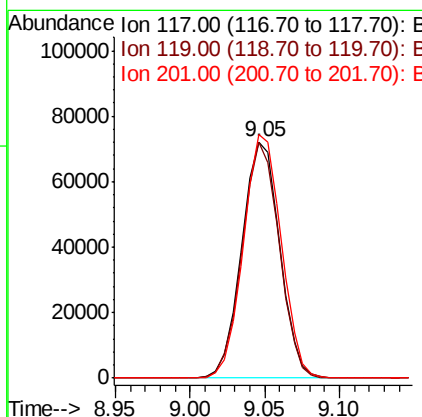
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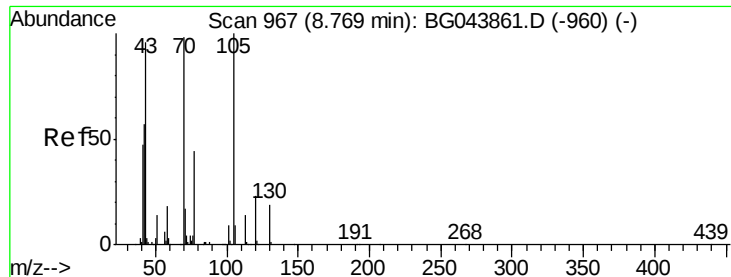
mohammad
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#18
Hexachloroethane
Concen: 38.077 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	78.1	117.1	
201	102.9	78.6	117.8	





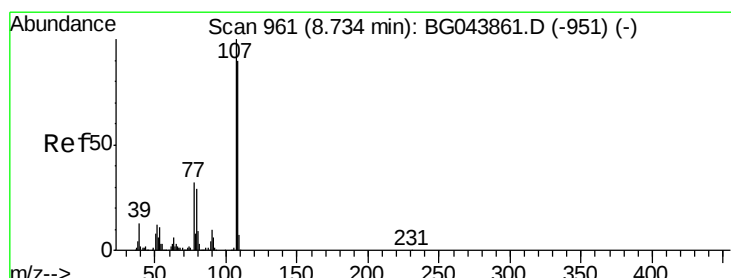
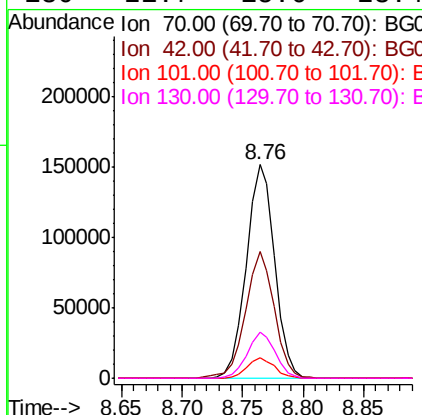
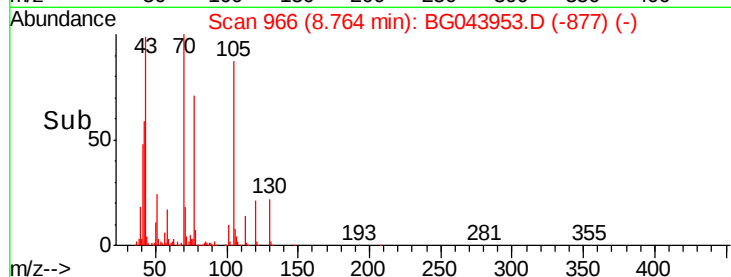
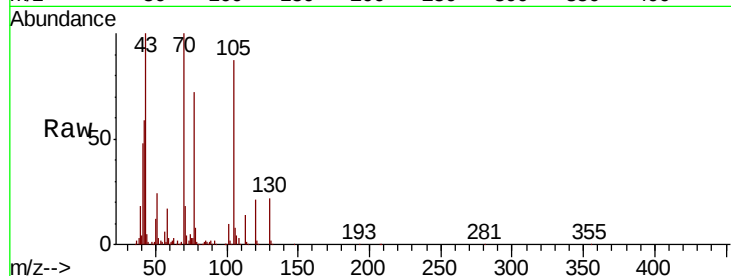
#19
n-Nitroso-di-n-propylamine
Concen: 37.724 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.1	47.0	70.4	
101	9.8	7.2	10.8	
130	21.7	15.6	23.4	

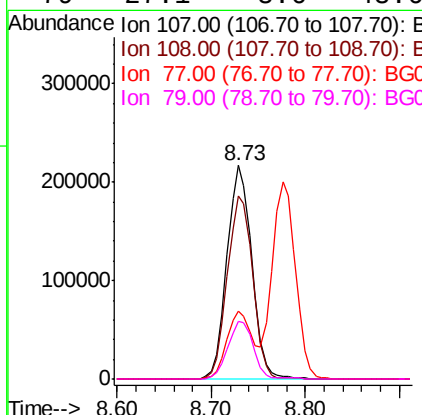
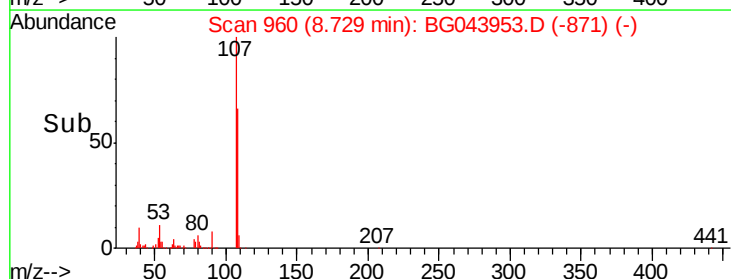
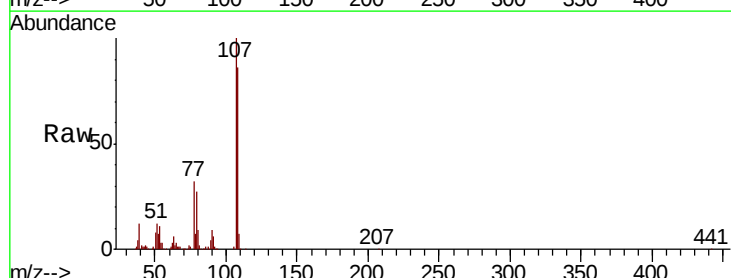
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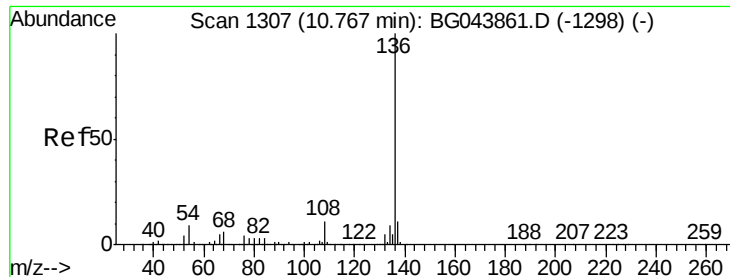
mohammad
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#20
3+4-Methylphenols
Concen: 43.196 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.8	70.3	110.3	
77	31.7	12.4	52.4	
79	27.1	8.6	48.6	





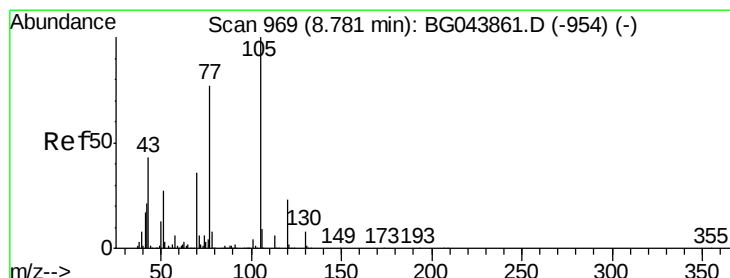
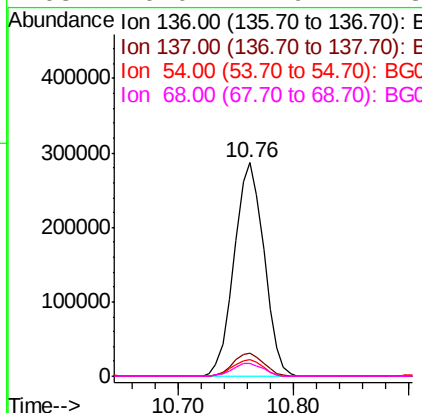
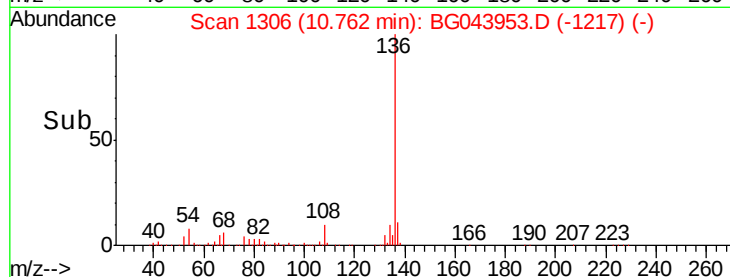
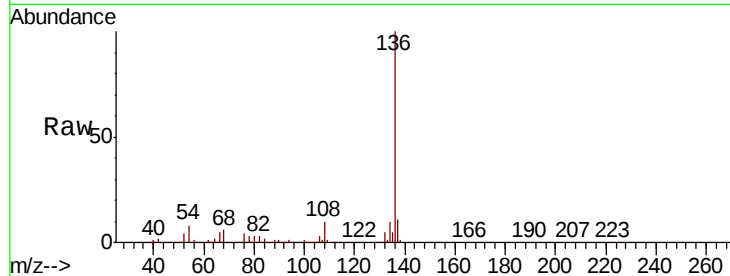
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		8.8	13.2	
54	7.7		7.0	10.4	
68	6.0		4.9	7.3	

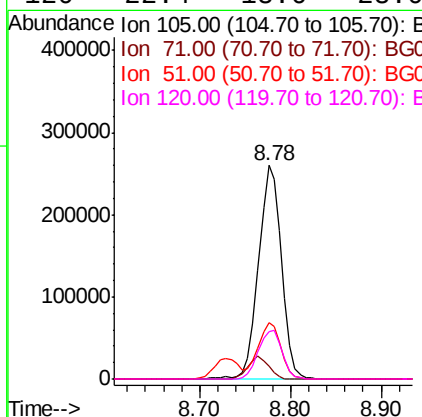
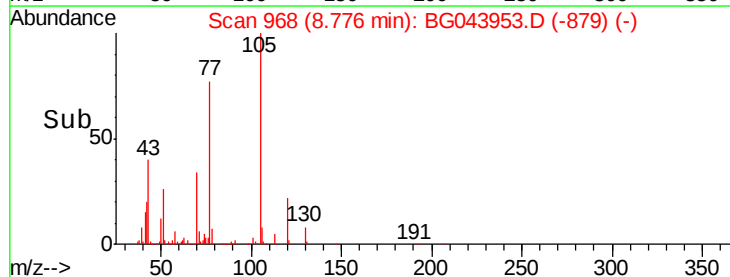
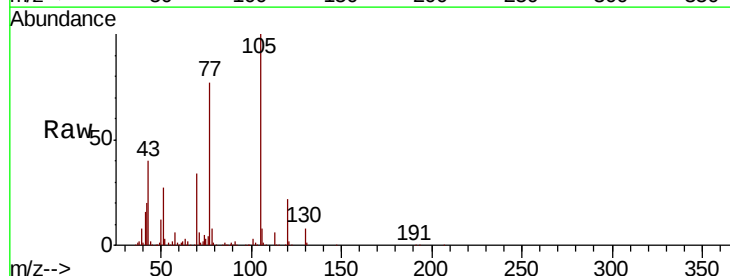
Manual Integrations
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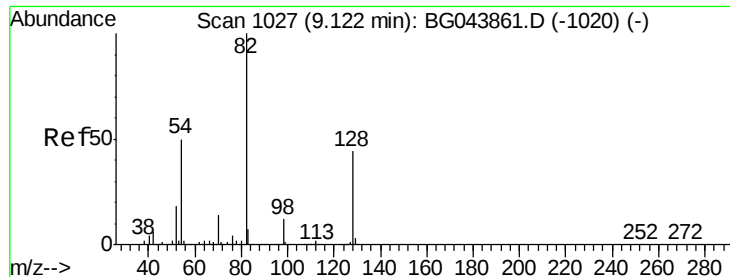
mohammad
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#22
Acetophenone
Concen: 35.872 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	5.9		4.8	7.2	
51	26.6		21.4	32.0	
120	22.4		18.6	28.0	





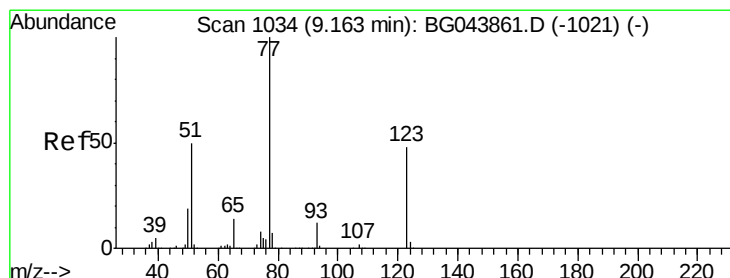
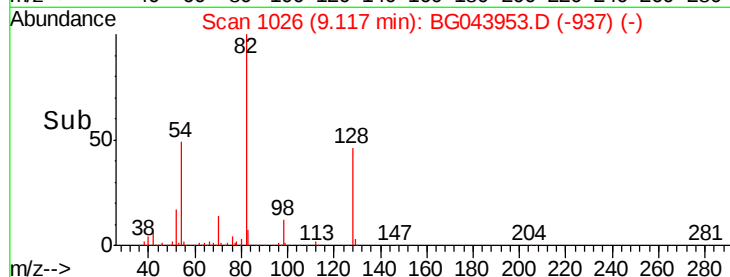
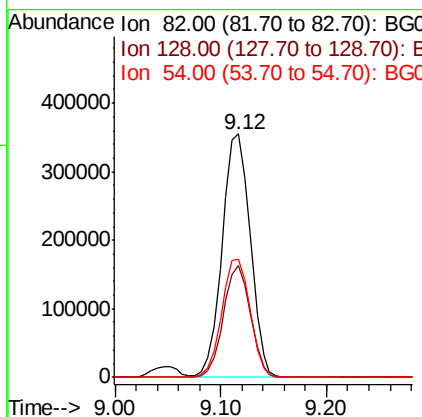
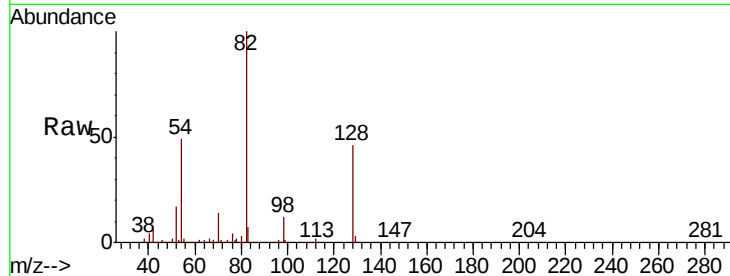
#23
 Nitrobenzene-d5
 Concen: 68.107 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	48.5	40.1	60.1

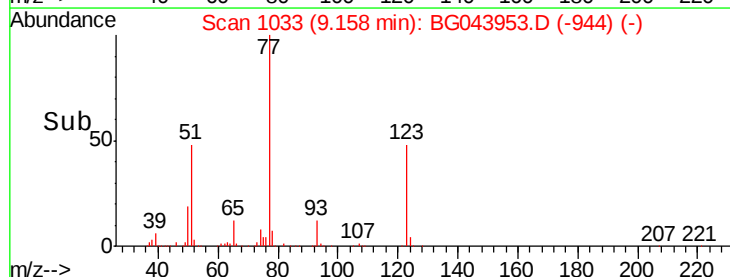
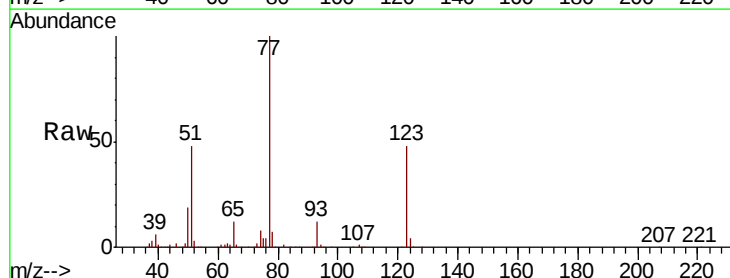
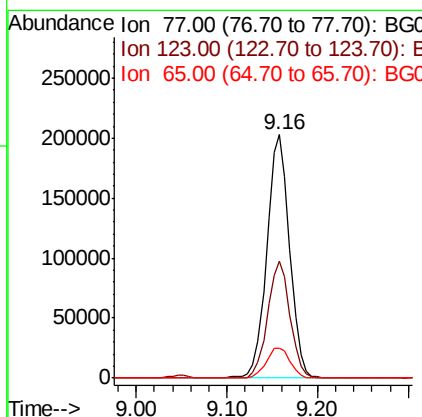
Manual Integrations
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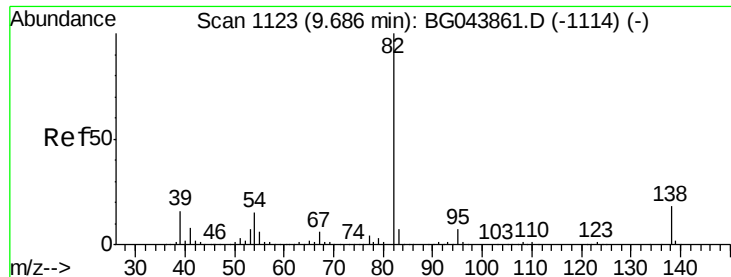
mohammad
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#24
 Nitrobenzene
 Concen: 37.166 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	38.7	58.1
65	12.4	11.1	16.7





#25

Isophorone

Concen: 36.994 ng

RT: 9.68 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

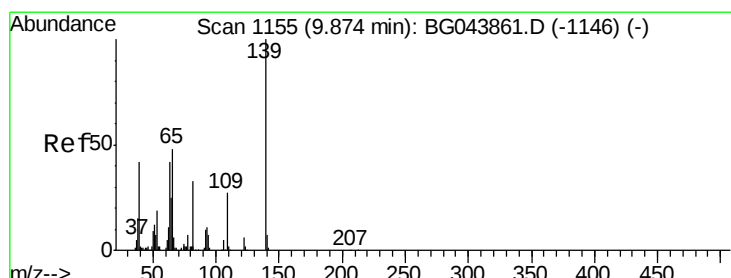
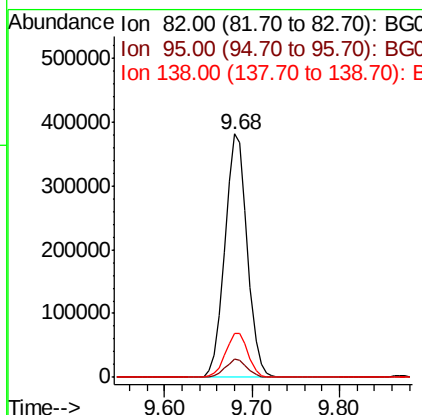
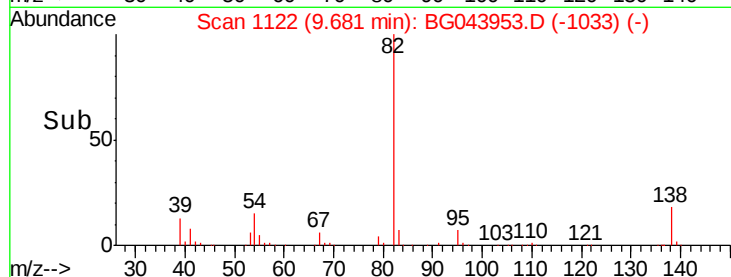
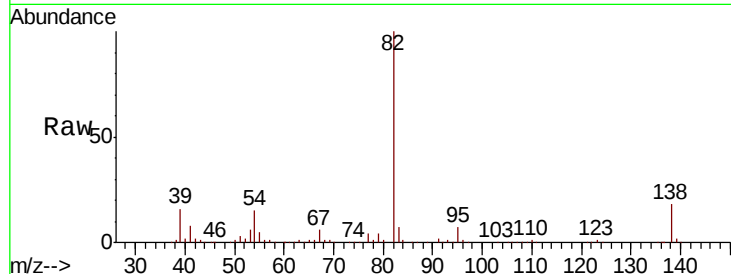
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	82	Resp:	666616
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	18.3	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.028 ng

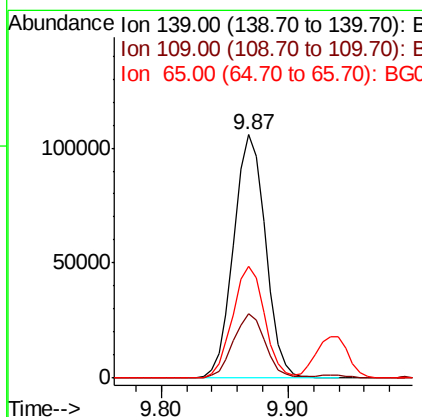
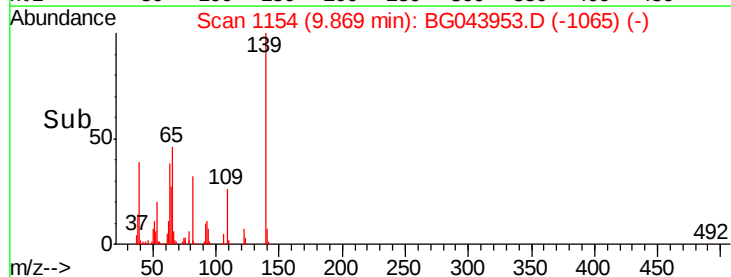
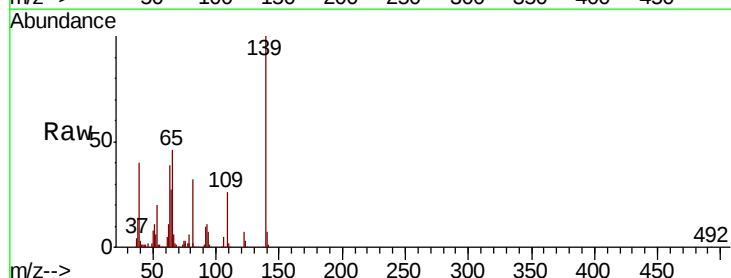
RT: 9.87 min Scan# 1154

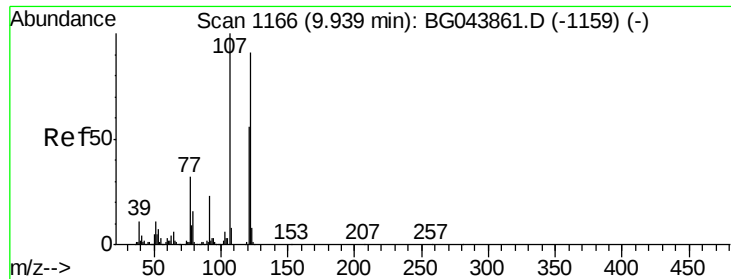
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	139	Resp:	184653
Ion Ratio	Lower	Upper	
139	100		
109	26.3	21.3	31.9
65	46.0	38.6	57.8





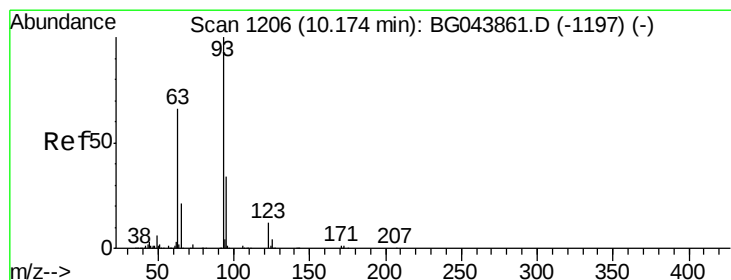
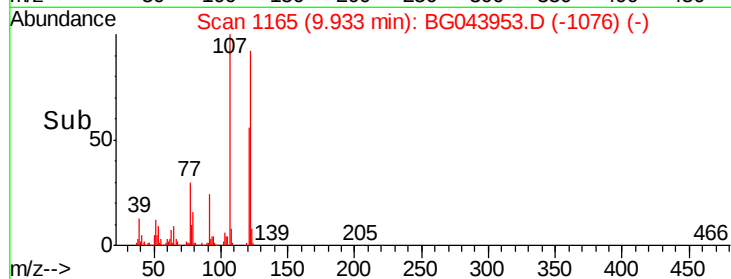
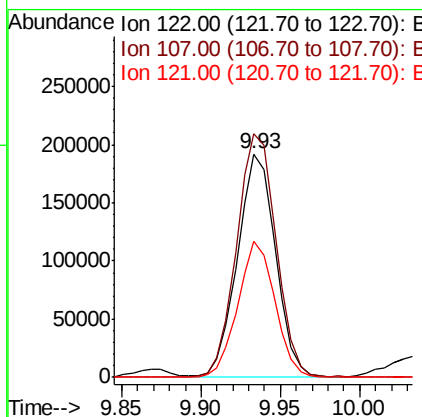
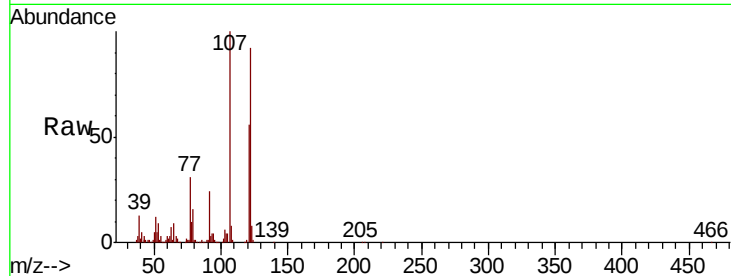
#27
 2,4-Dimethylphenol
 Concen: 47.085 ng
 RT: 9.93 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	109.0	88.0	132.0	
121	60.9	49.0	73.4	

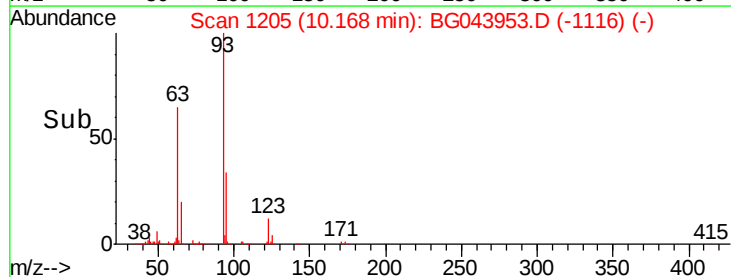
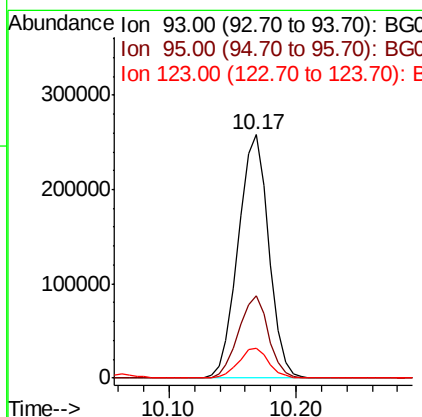
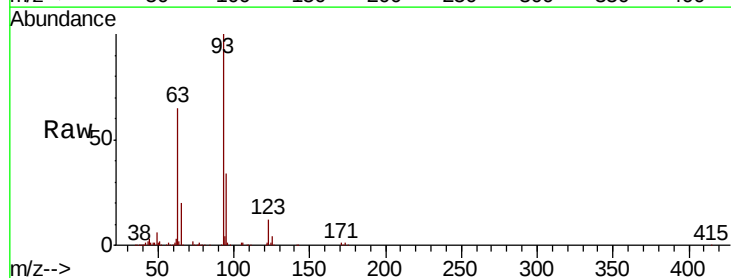
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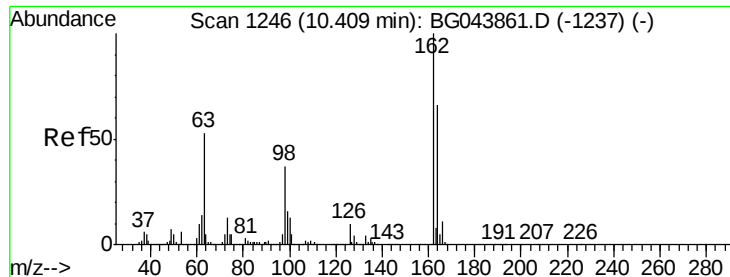
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.758 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	34.1	27.2	40.8	
123	12.1	9.7	14.5	





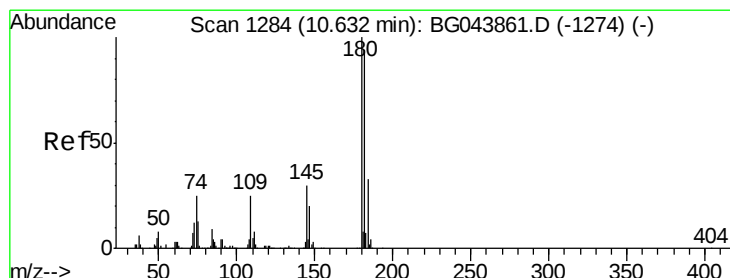
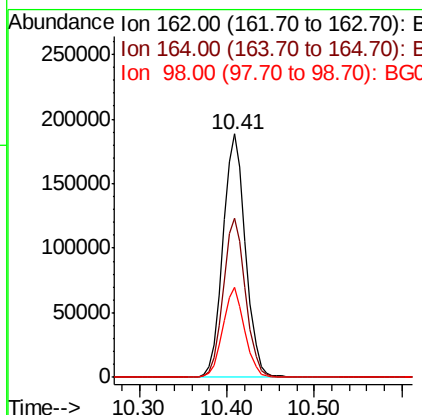
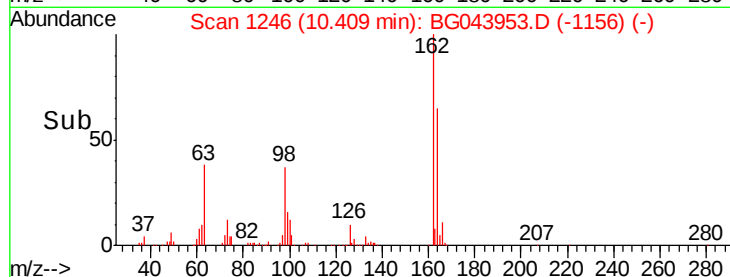
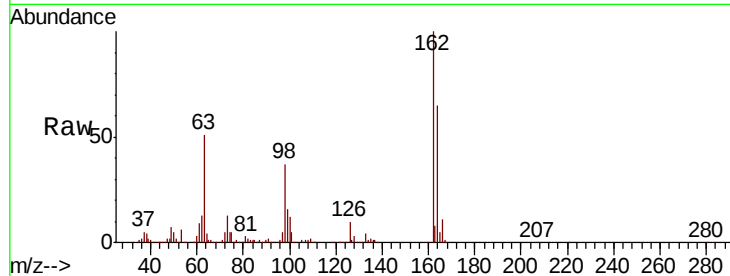
#29
2,4-Dichlorophenol
Concen: 41.304 ng
RT: 10.41 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
162	100	333783		
164	65.2	46.3	86.3	
98	37.0	17.3	57.3	

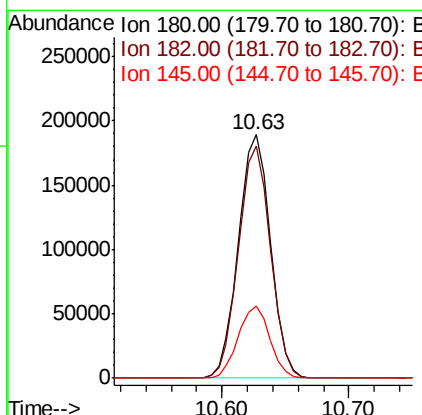
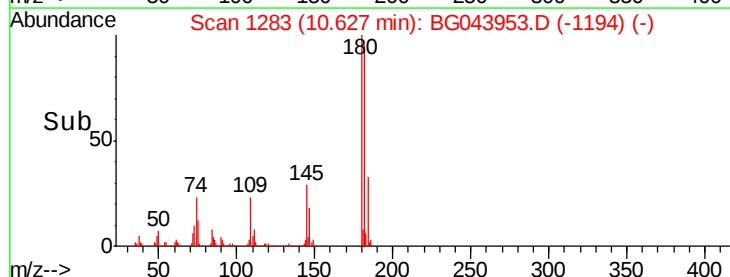
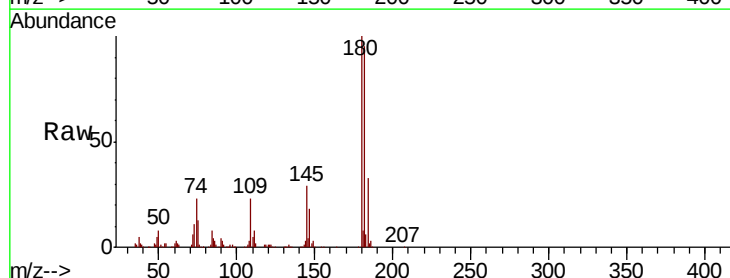
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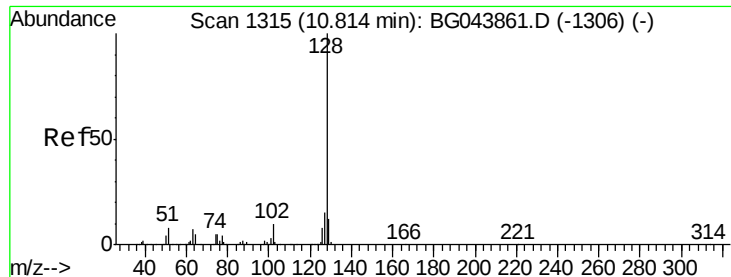
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.683 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	332388		
182	95.3	75.0	112.4	
145	29.4	24.2	36.4	





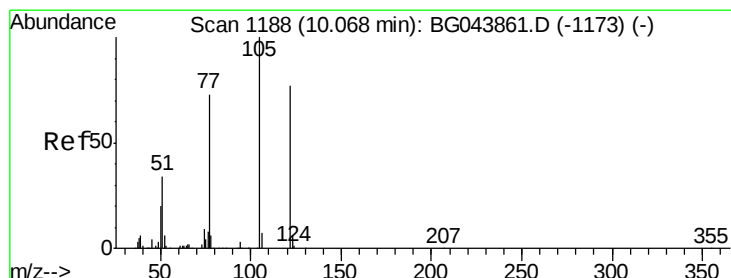
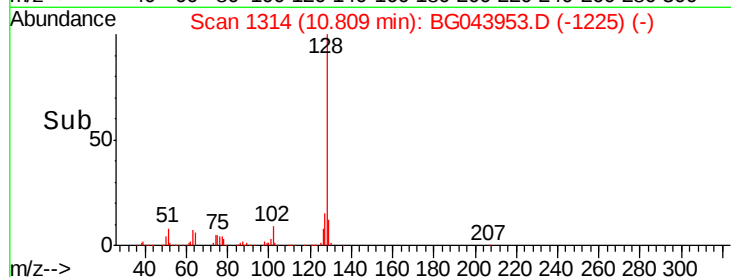
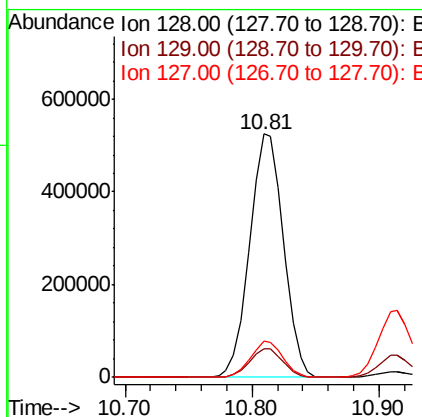
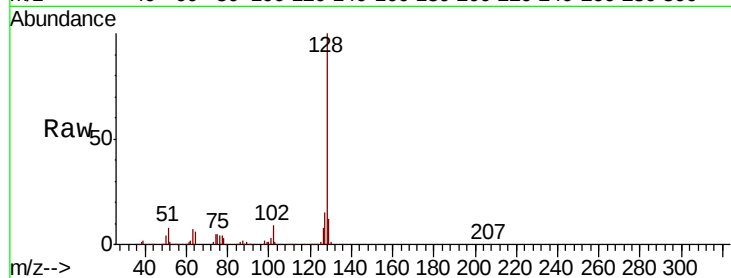
#31
Naphthalene
Concen: 39.139 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.8	12.0	18.0

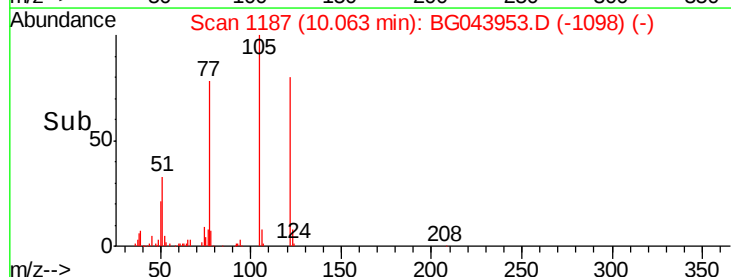
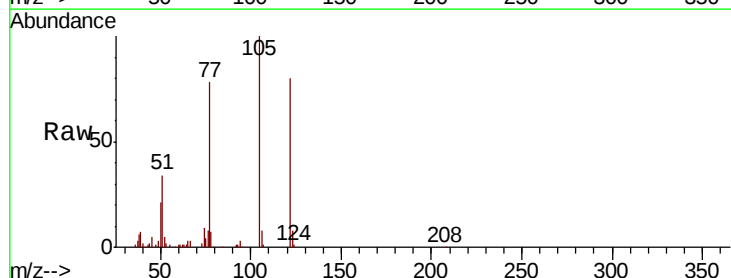
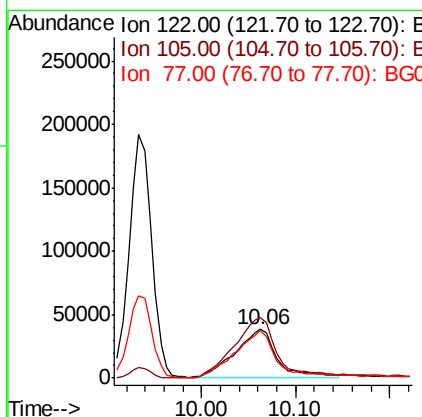
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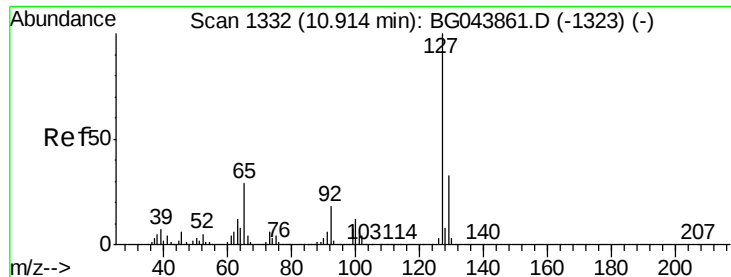
mohammad
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#32
Benzoic acid
Concen: 24.609 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	106.4	146.4
77	97.2	74.6	114.6





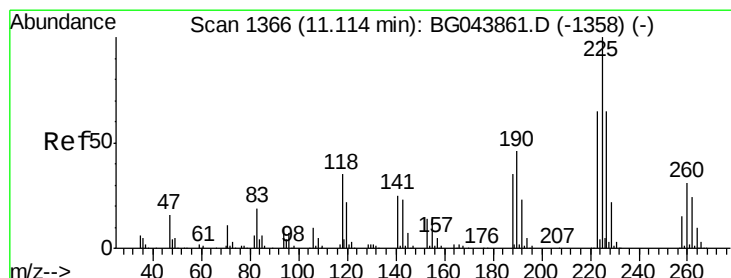
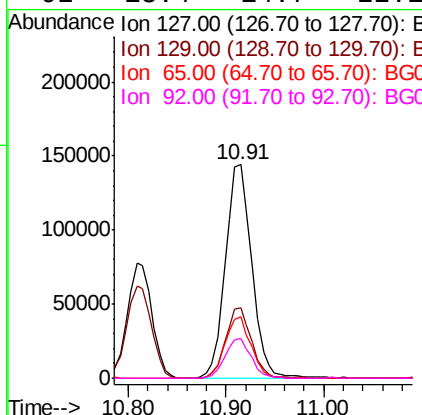
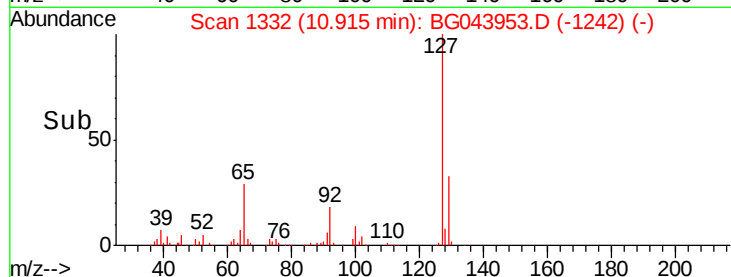
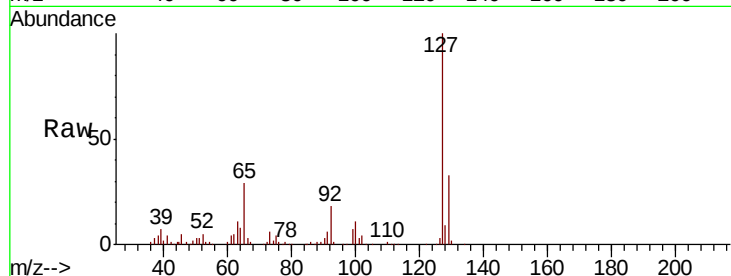
#33
4-Chloroaniline
Concen: 22.863 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		271137		
129	32.8	26.6	40.0		
65	28.9	23.3	34.9		
92	18.4	14.7	22.1		

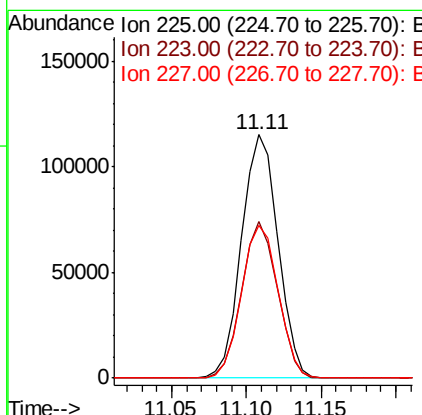
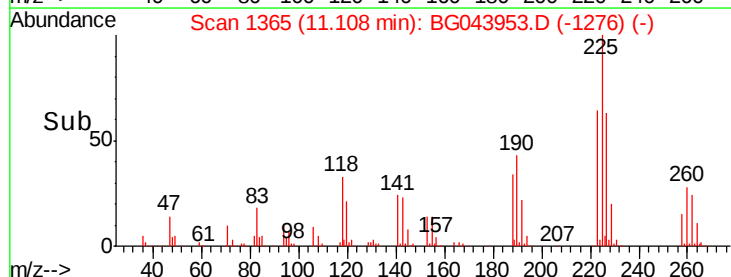
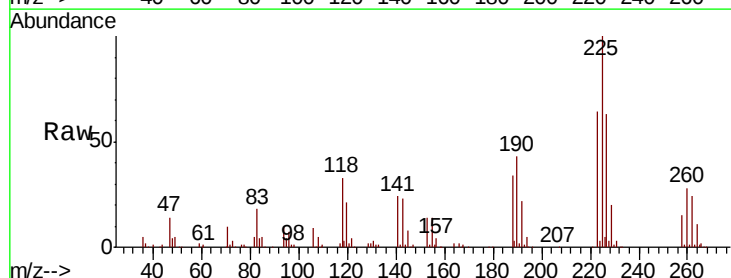
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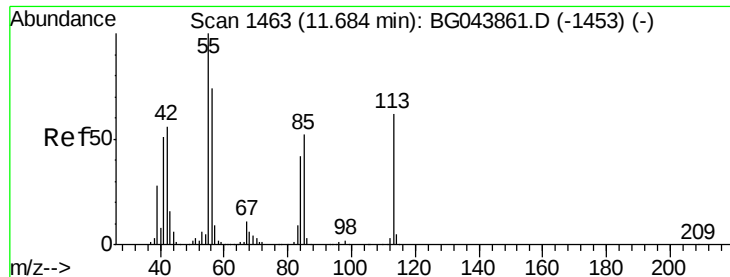
mohammad
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#34
Hexachlorobutadiene
Concen: 35.206 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		194769		
223	64.1	52.2	78.4		
227	62.7	52.1	78.1		





#35

Caprolactam

Concen: 40.813 ng/mL

RT: 11.68 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

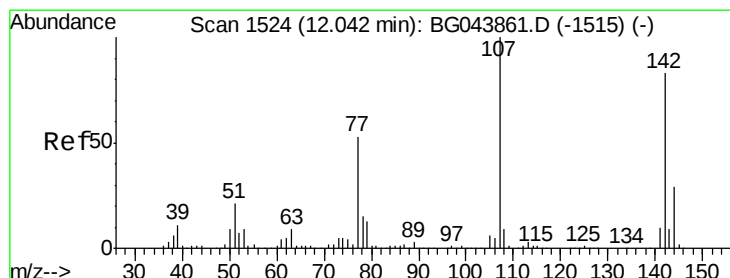
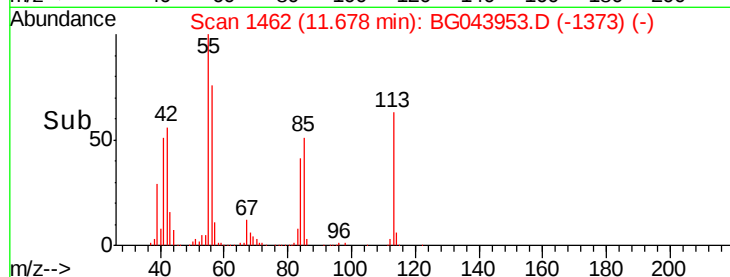
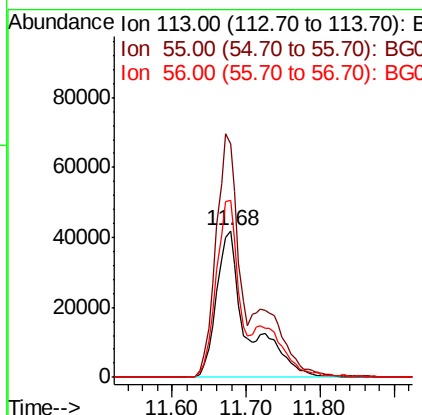
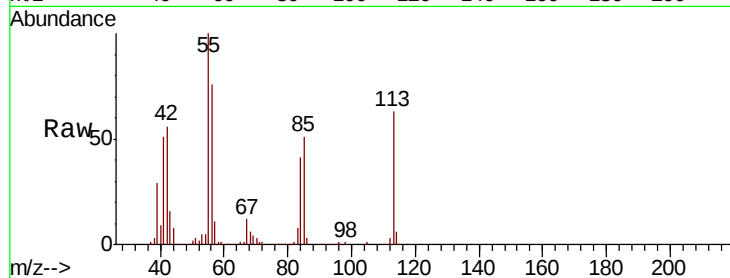
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	113	Resp:	122781
Ion Ratio	Lower	Upper	
113	100		
55	159.3	142.5	182.5
56	120.9	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 41.350 ng/mL

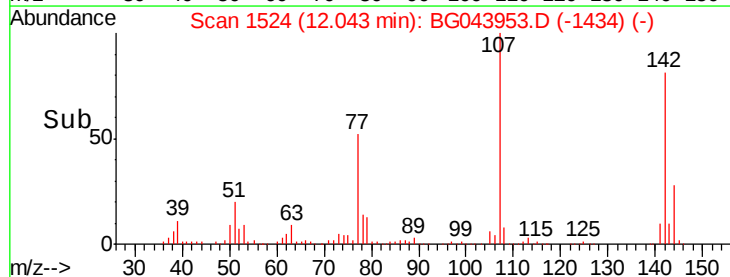
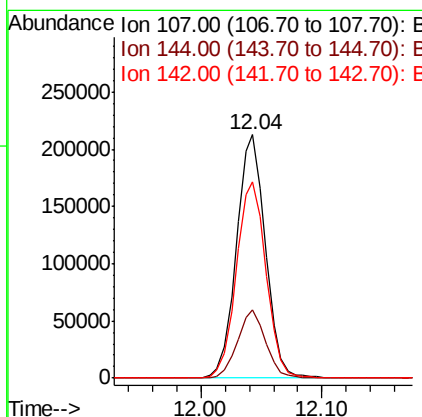
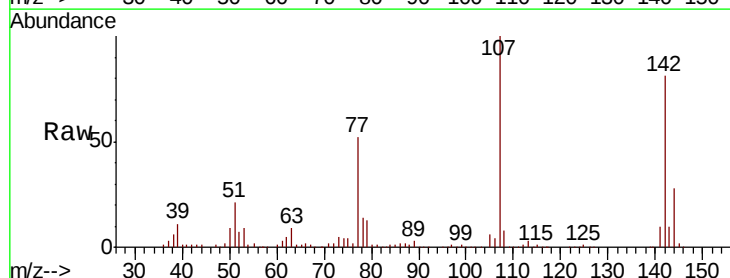
RT: 12.04 min Scan# 1524

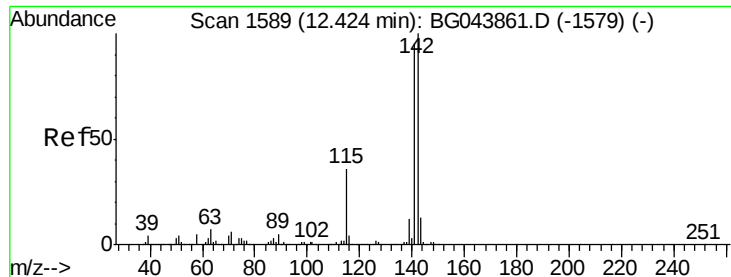
Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	107	Resp:	355728
Ion Ratio	Lower	Upper	
107	100		
144	28.0	23.4	35.2
142	80.8	66.3	99.5





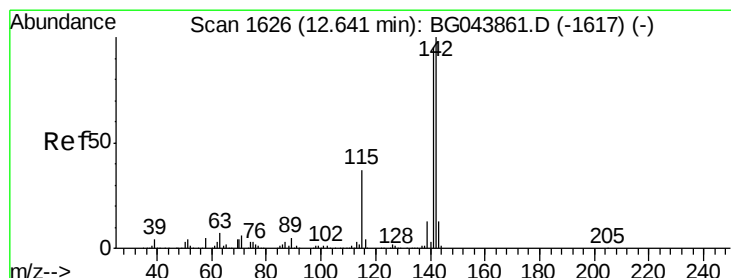
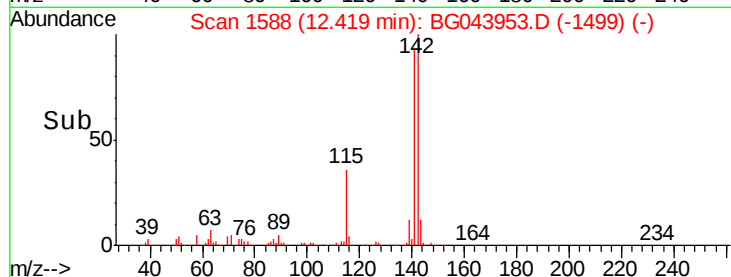
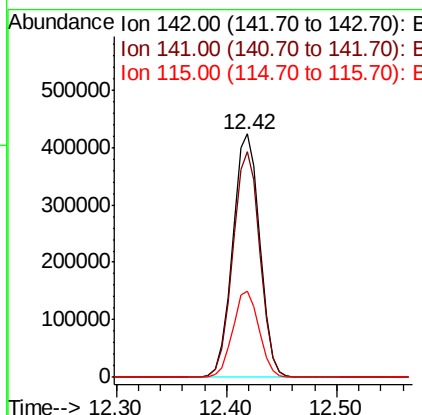
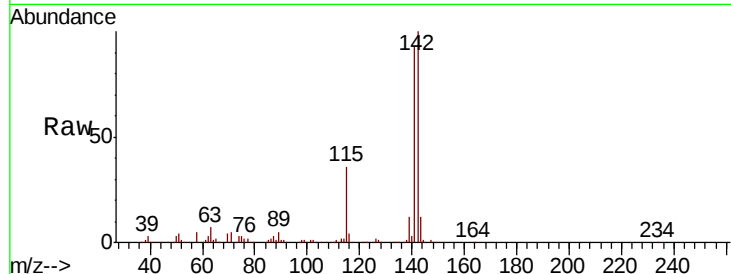
#37
2-Methylnaphthalene
Concen: 38.893 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.8	113.8
115	35.6	28.6	42.8

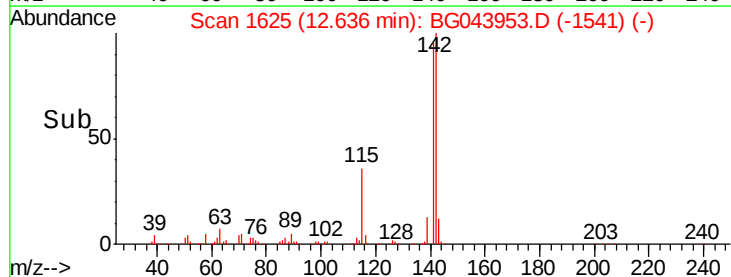
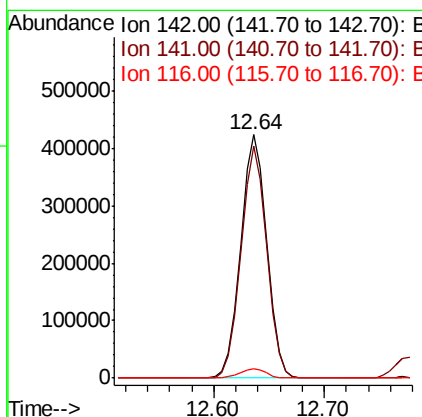
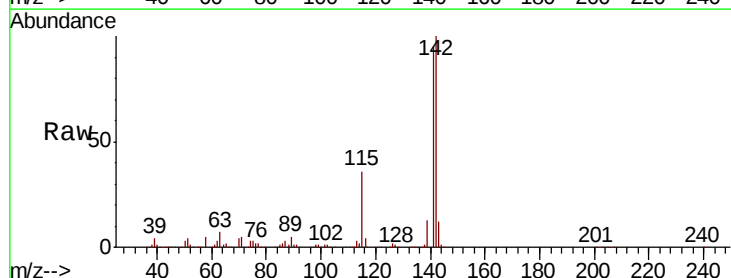
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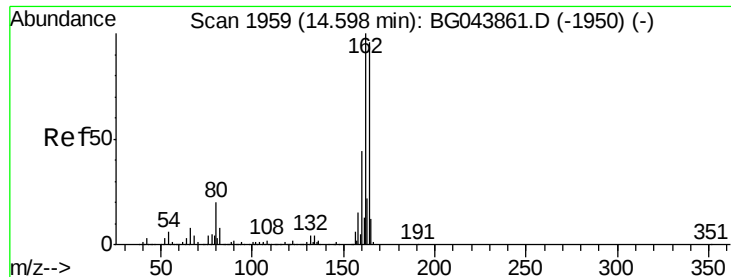
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#38
1-Methylnaphthalene
Concen: 39.460 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	76.0	114.0
116	3.7	3.1	4.7





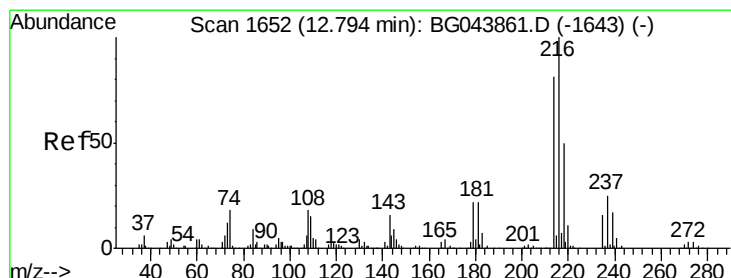
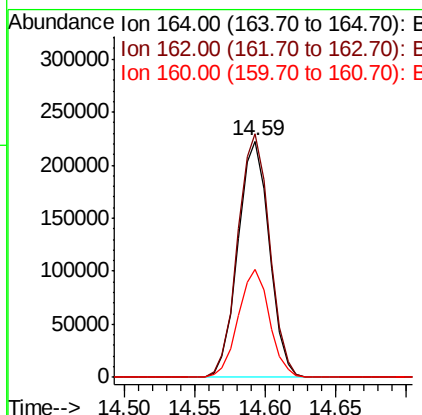
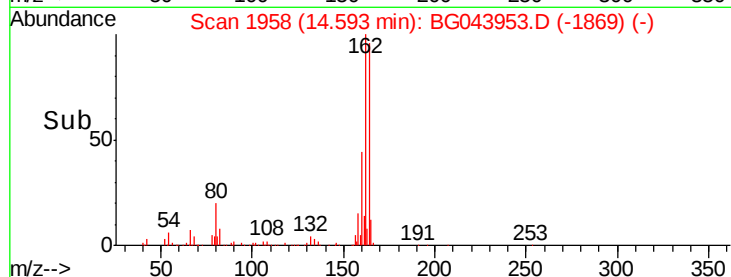
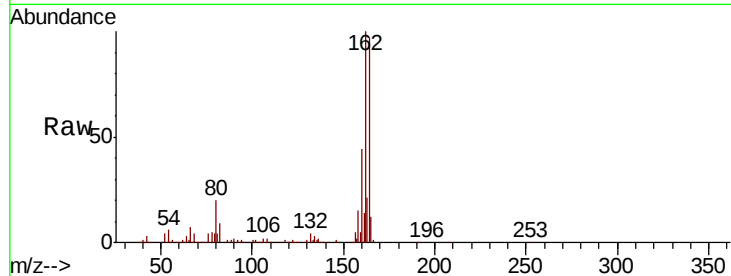
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	83.0	124.4	
160	45.5	36.1	54.1	

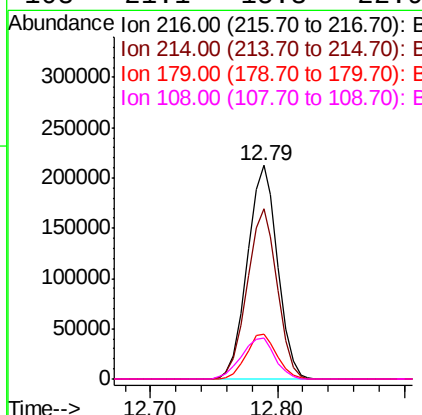
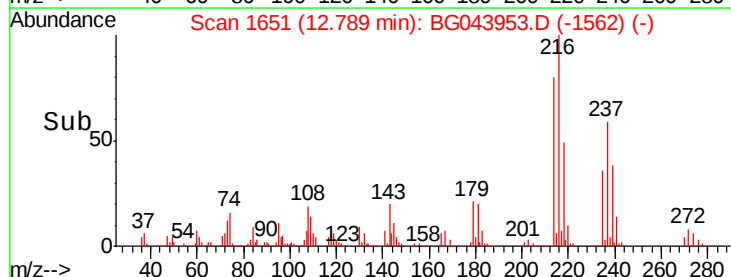
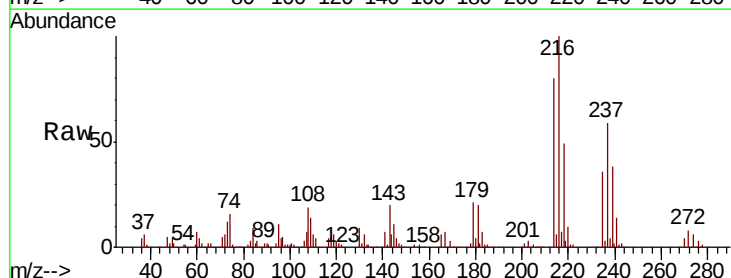
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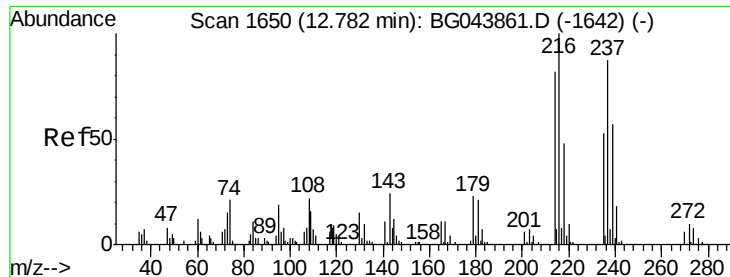
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.590 ng
RT: 12.79 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.8	95.8	
179	21.1	17.3	25.9	
108	21.1	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 84.966 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

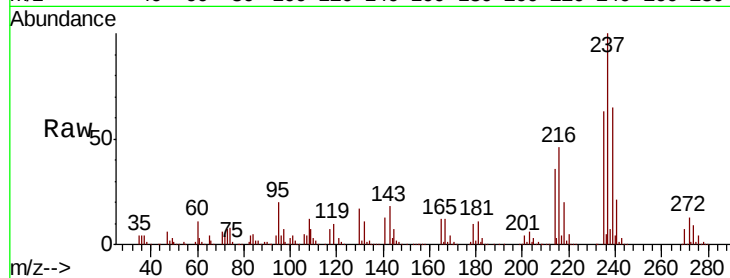
ClientSampleId :

IDOC-W-04-CG

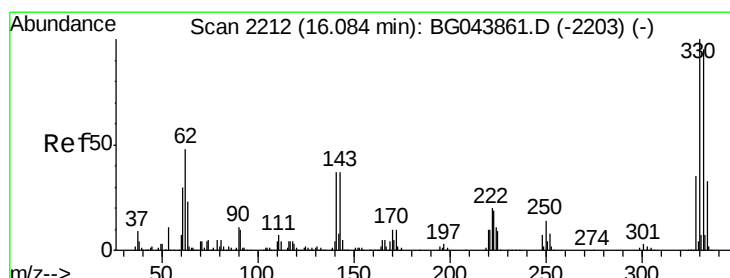
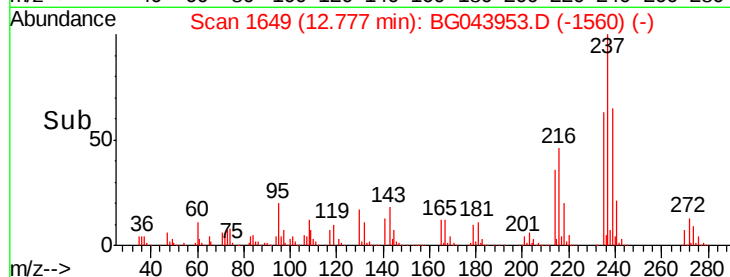
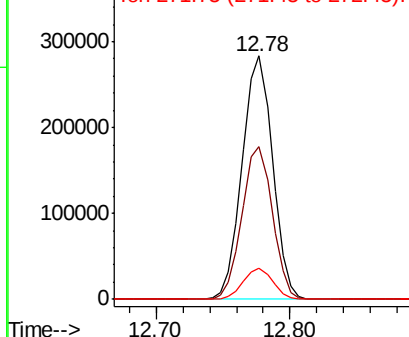
Tot Ion:	237	Resp:	446146
Ion Ratio	Lower	Upper	
237	100		
235	62.8	41.1	81.1
272	12.8	0.0	31.7

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



#42

2,4,6-Tribromophenol

Concen: 108.780 ng

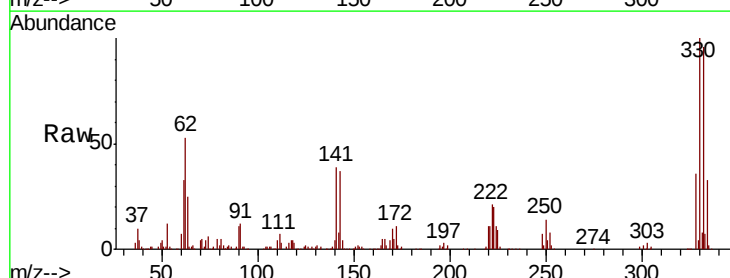
RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

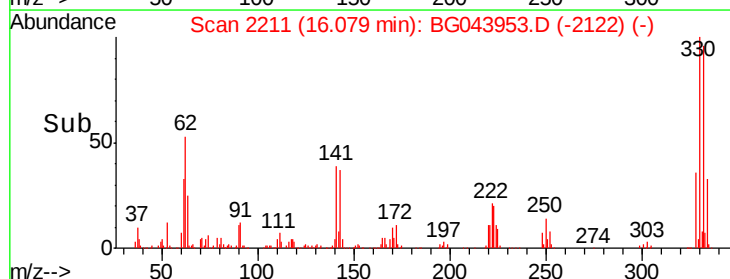
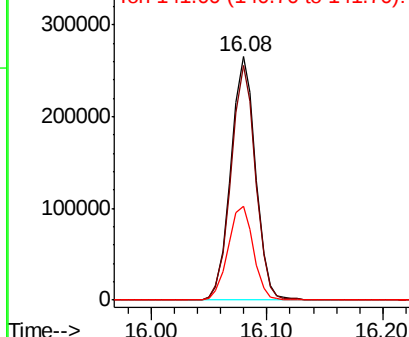
Lab File: BG043953.D

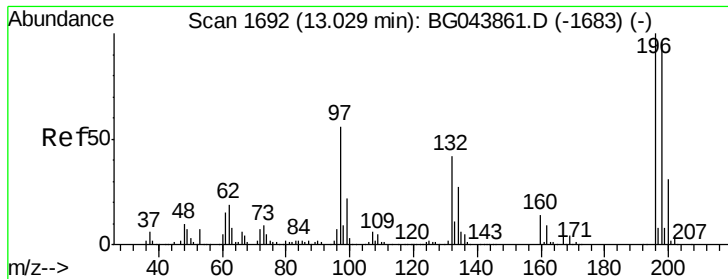
Acq: 7 Jan 2020 13:44

Tgt Ion:	330	Resp:	393369
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.2	115.8
141	39.5	33.1	49.7



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





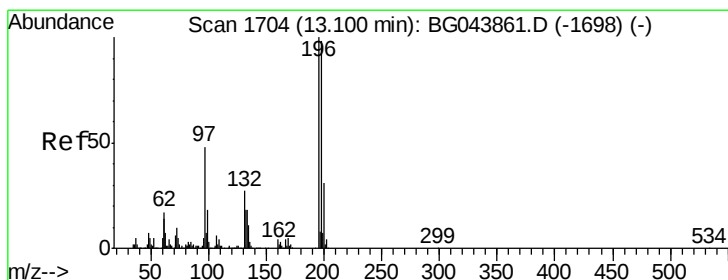
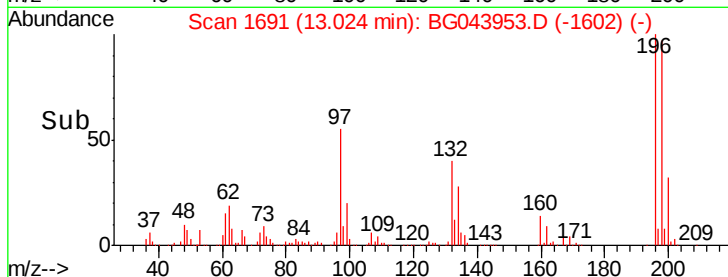
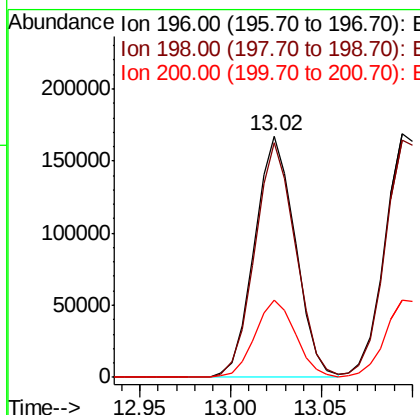
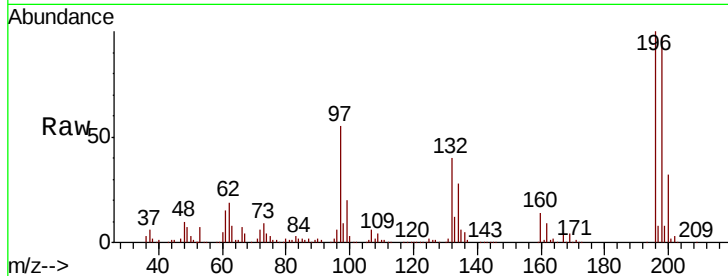
#43
 2,4,6-Trichlorophenol
 Concen: 37.435 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
196	100	260888		
198	97.4	76.6	115.0	
200	31.8	24.6	37.0	

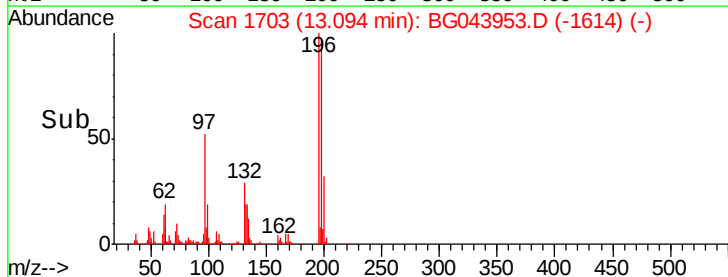
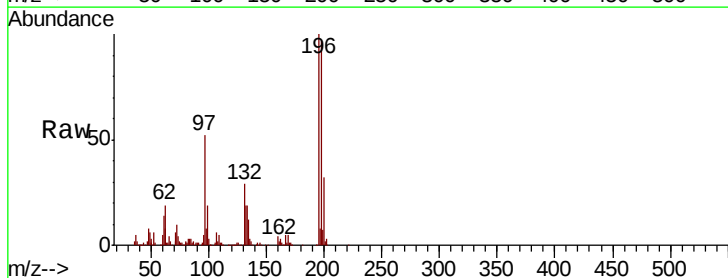
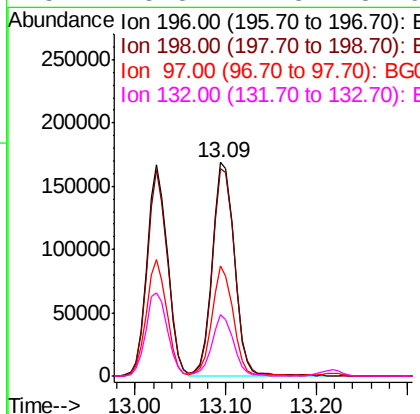
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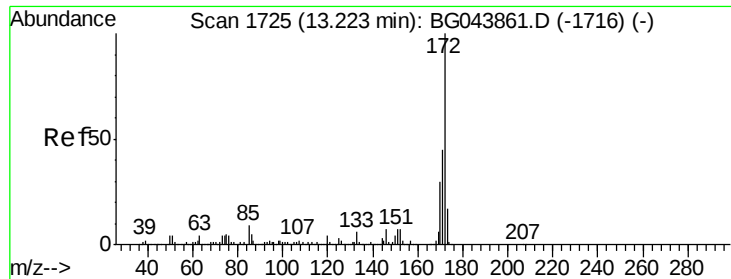
mohammad
 1/8/2020 4:26:07 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.636 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284891		
198	97.3	78.3	117.5	
97	51.6	38.8	58.2	
132	28.8	21.3	31.9	





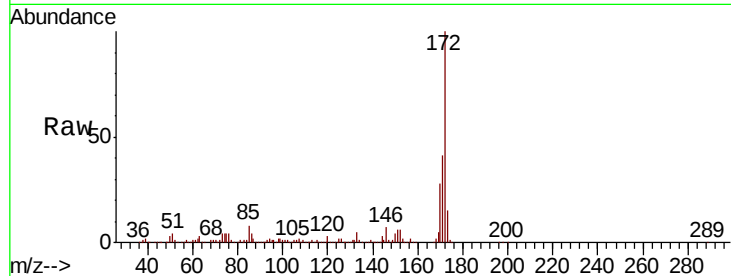
#45
2-Fluorobiphenyl
Concen: 75.042 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.8	53.8
170	28.0	24.2	36.4

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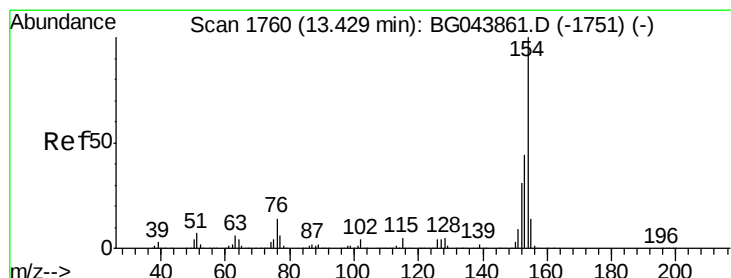
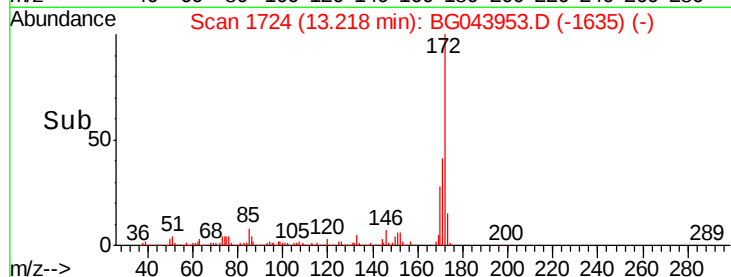
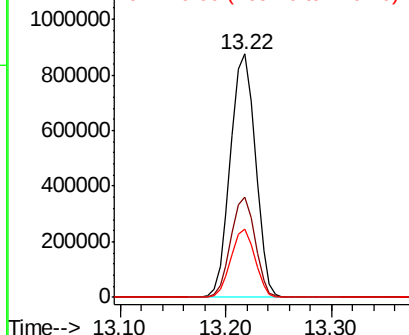


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.276 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

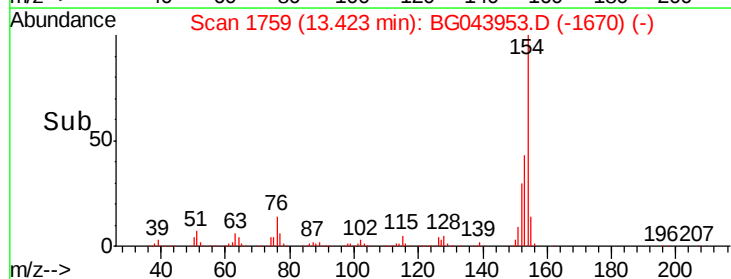
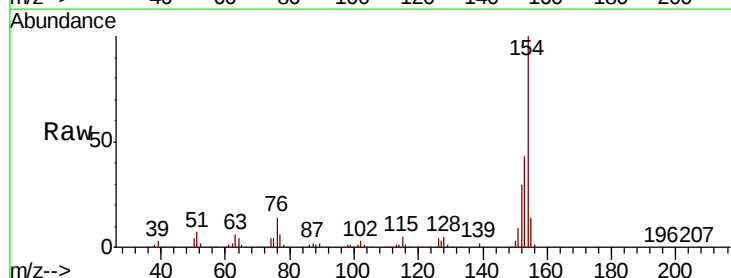
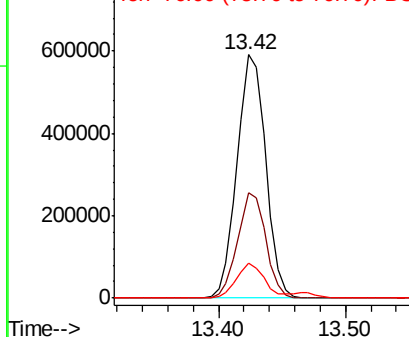
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.6	63.6
76	14.2	0.0	34.4

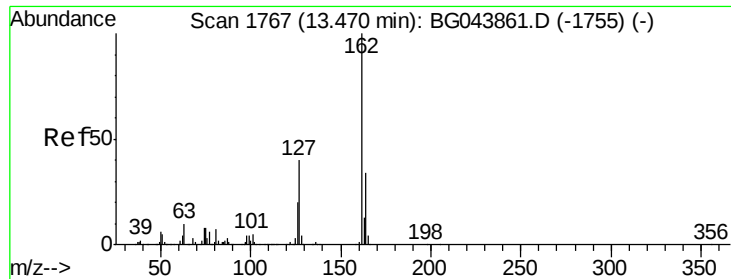
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 36.240 ng

RT: 13.46 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

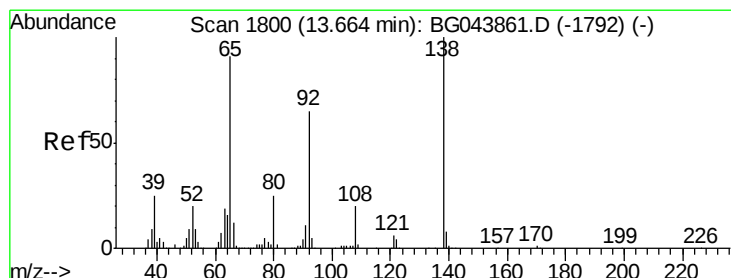
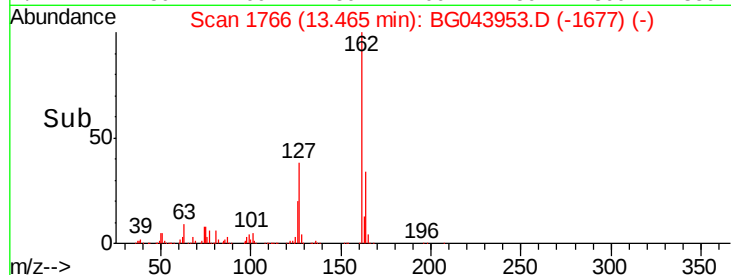
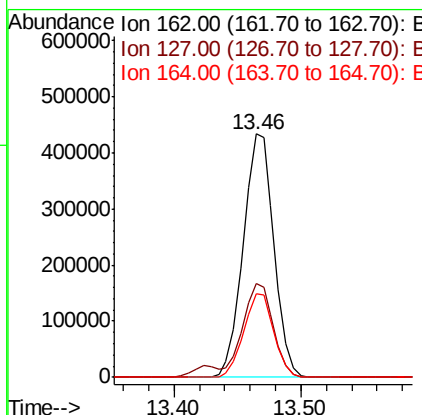
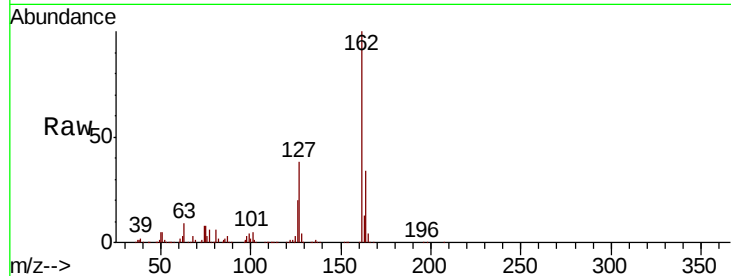
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	162	Resp:	725547
Ion Ratio	Lower	Upper	
162	100		
127	38.3	32.1	48.1
164	34.2	27.5	41.3

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#48

2-Nitroaniline

Concen: 36.230 ng

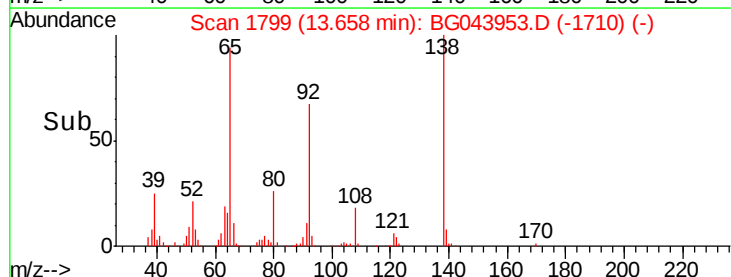
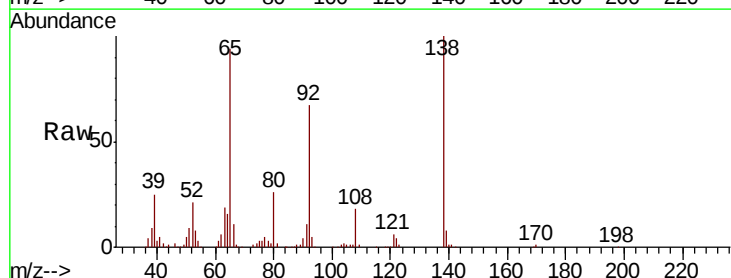
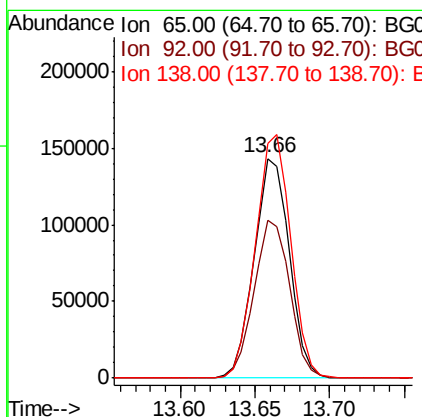
RT: 13.66 min Scan# 1799

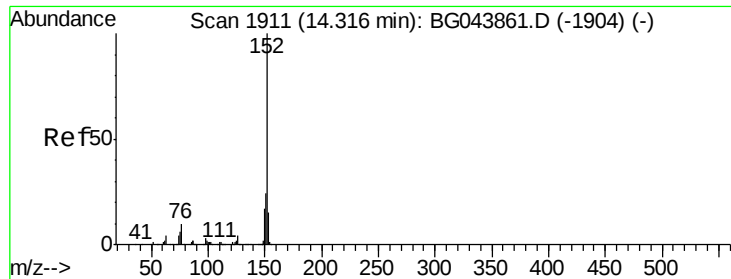
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	65	Resp:	233323
Ion Ratio	Lower	Upper	
65	100		
92	71.8	57.4	86.2
138	106.9	88.2	132.4





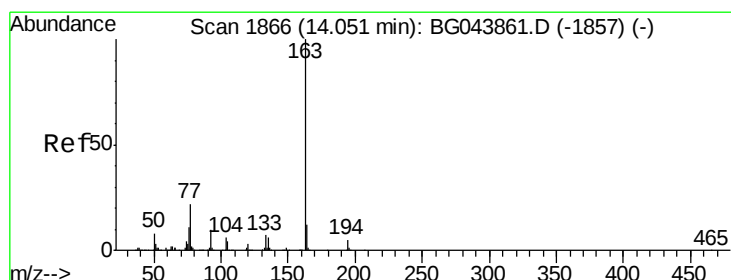
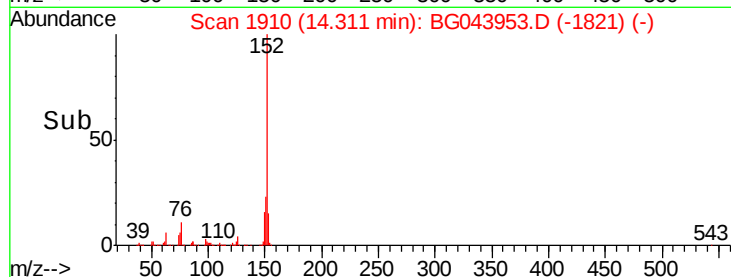
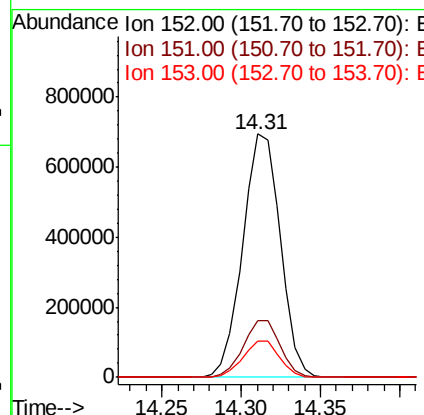
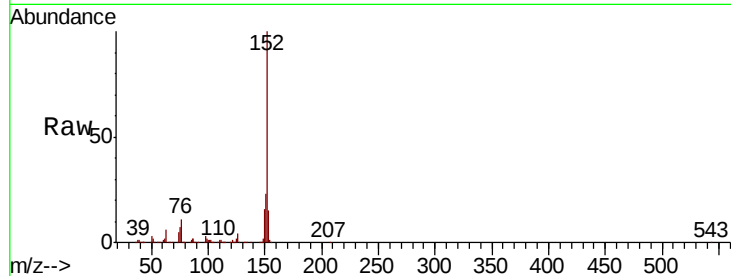
#49
Acenaphthylene
Concen: 39.699 ng
RT: 14.31 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
152	100		
151	23.3	19.4	29.2
153	14.9	12.0	18.0

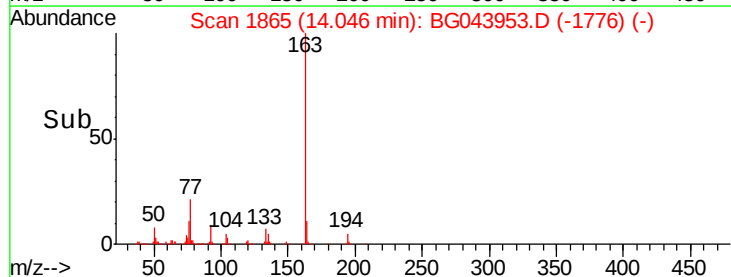
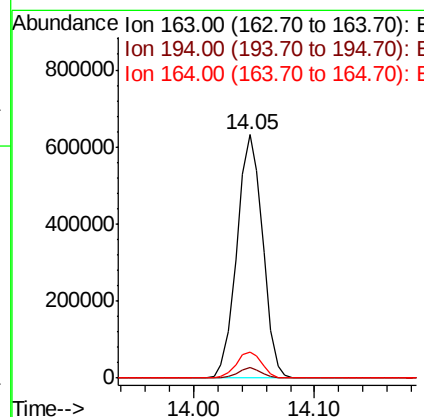
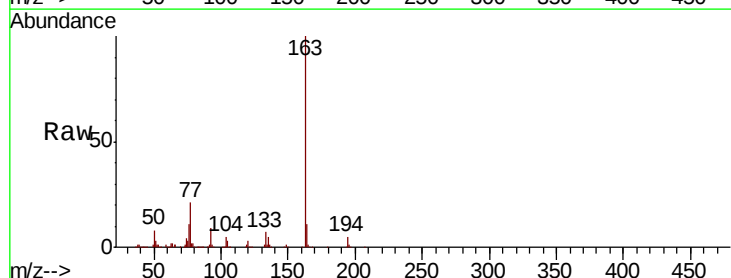
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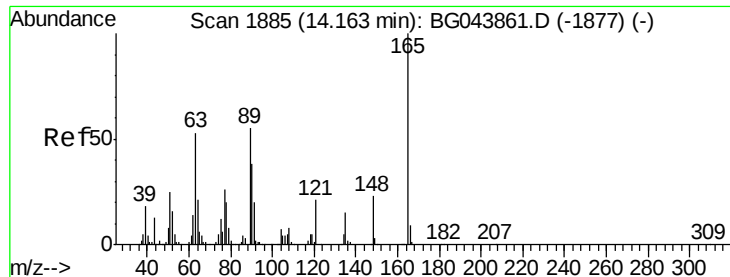
mohammad
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#50
Dimethylphthalate
Concen: 38.187 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.9	9.3	13.9





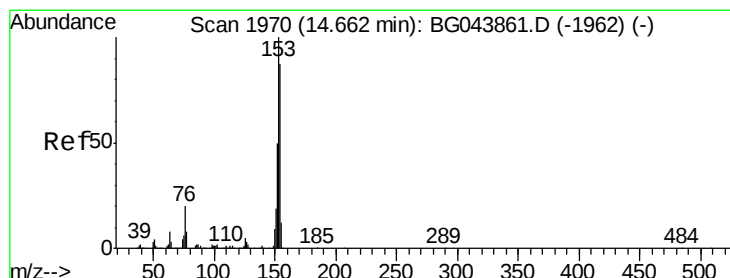
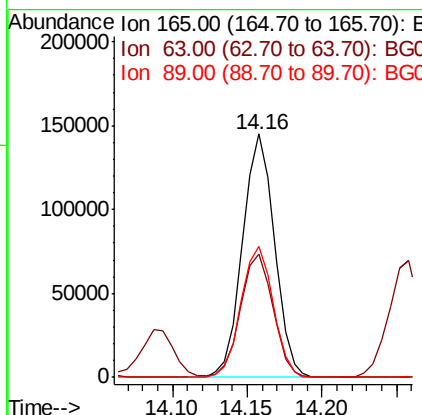
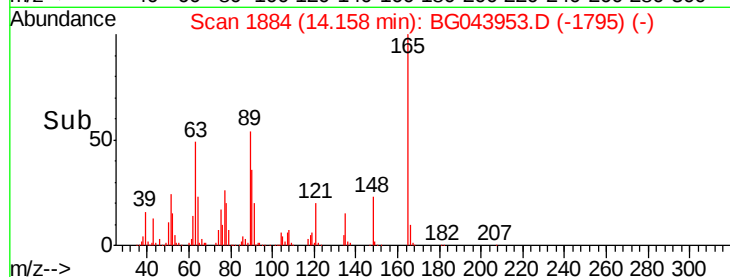
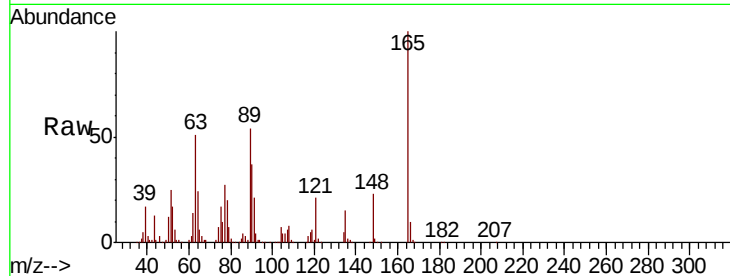
#51
 2,6-Dinitrotoluene
 Concen: 38.671 ng
 RT: 14.16 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-04-CG

Tot Ion:	165	Resp:	214458
Ion Ratio	Lower	Upper	
165	100		
63	50.8	43.1	64.7
89	53.9	43.8	65.6

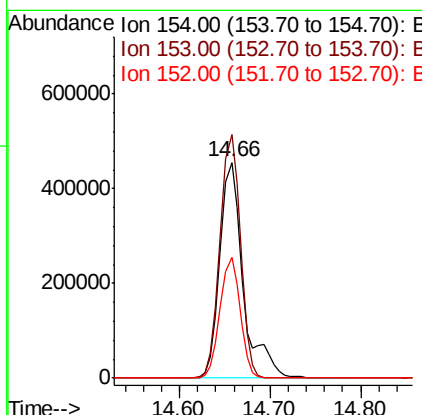
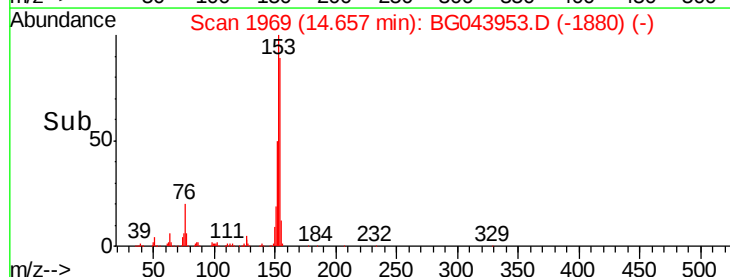
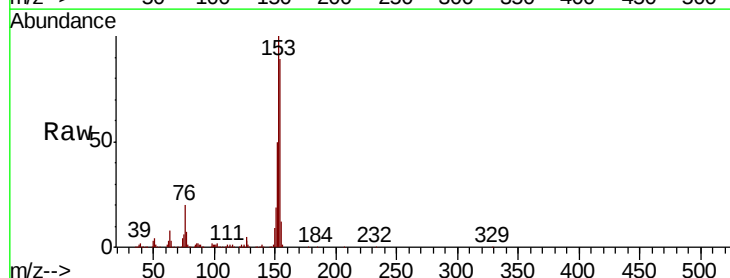
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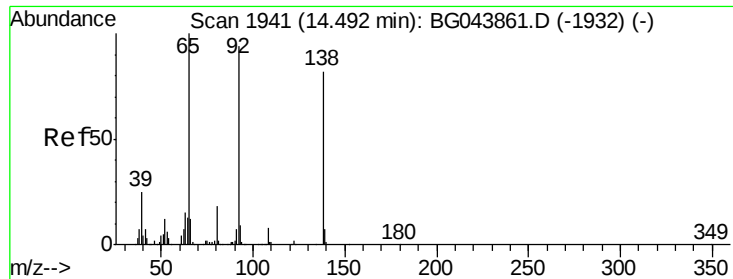
mohammad
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#52
 Acenaphthene
 Concen: 40.492 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion:	154	Resp:	817112
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.6	137.4
152	56.0	45.4	68.0





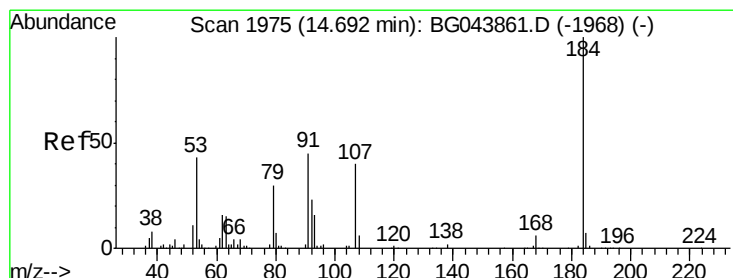
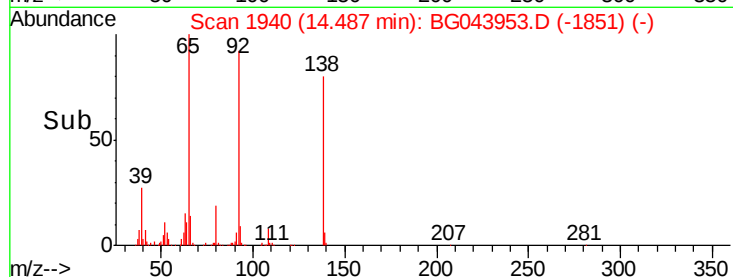
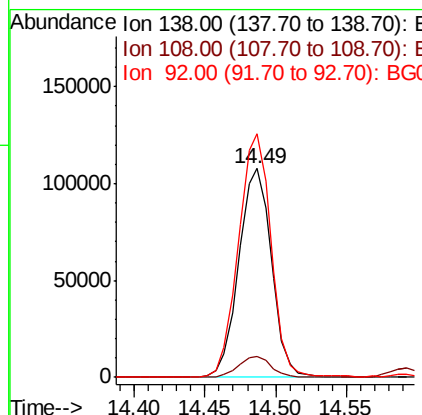
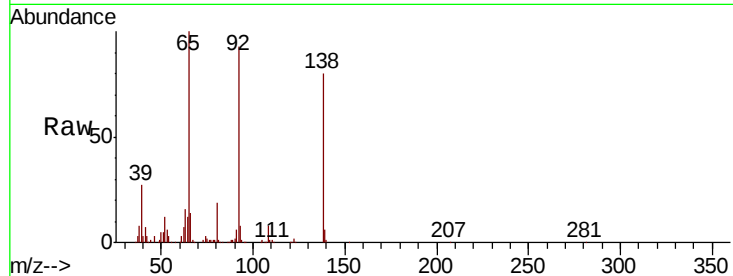
#53
3-Nitroaniline
Concen: 27.716 ng
RT: 14.49 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	116.6	92.1	138.1

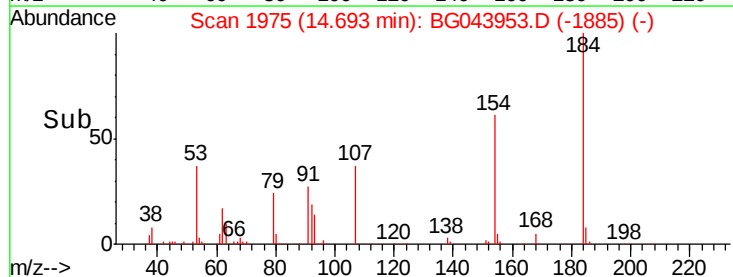
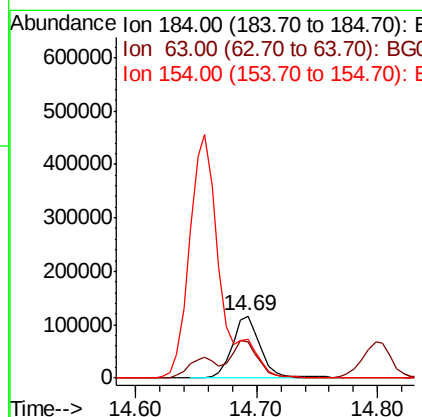
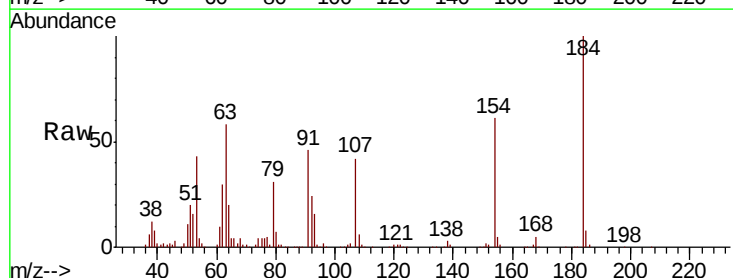
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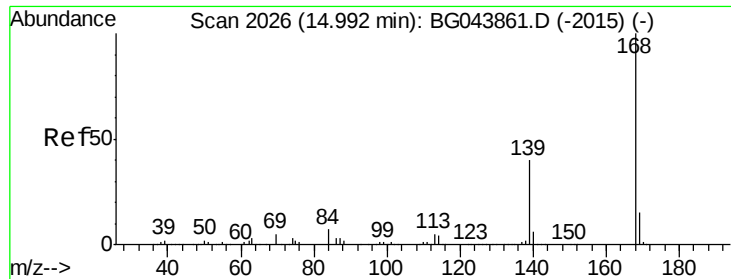
mohammad
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#54
2,4-Dinitrophenol
Concen: 67.494 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.2	46.6	70.0
154	61.4	50.2	75.4





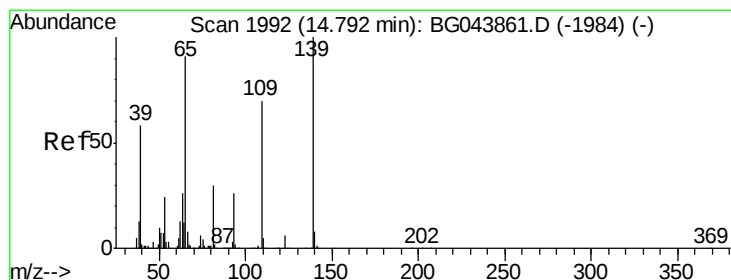
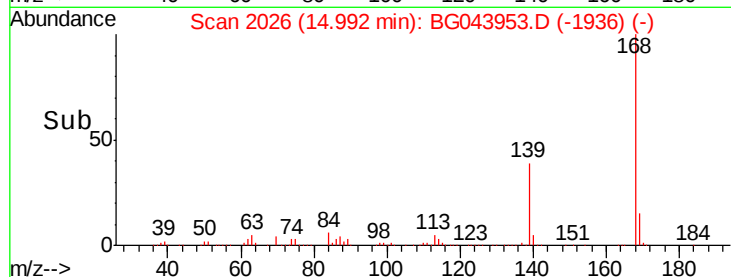
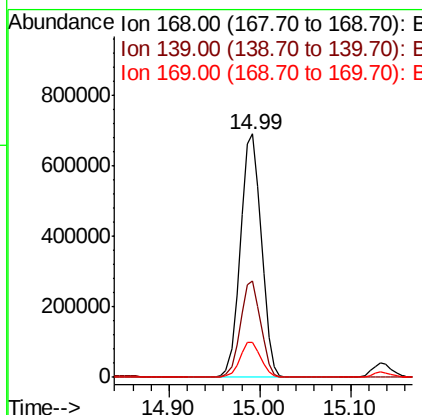
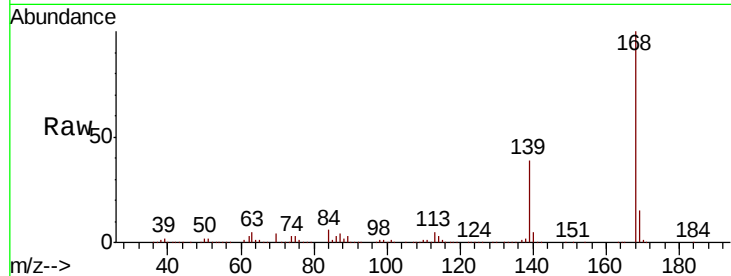
#55
Dibenzenofuran
Concen: 39.939 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	32.2	48.2
169	14.6	12.2	18.2

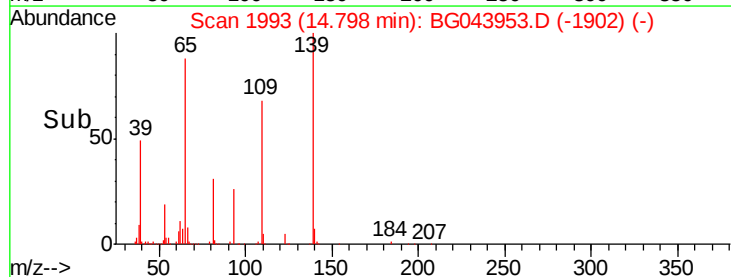
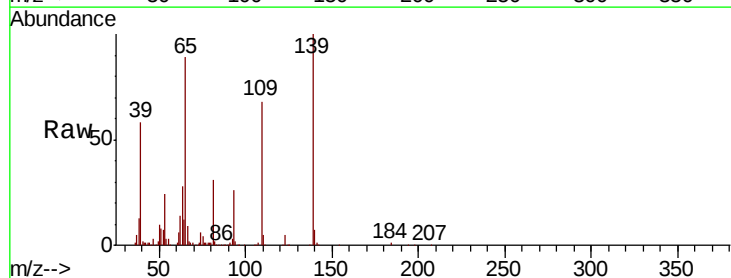
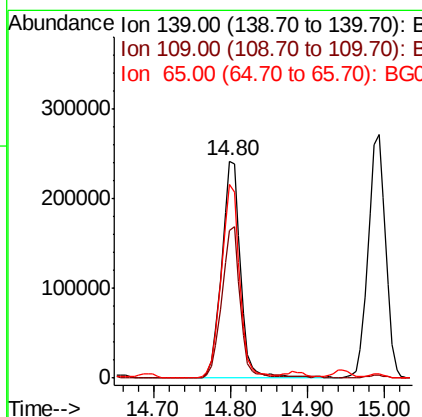
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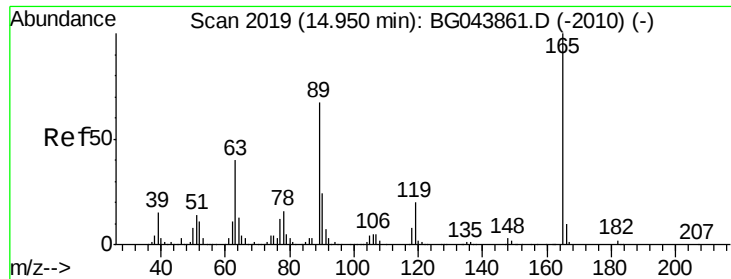
mohammad
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#56
4-Nitrophenol
Concen: 85.575 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.8	50.4	90.4
65	89.3	71.4	111.4





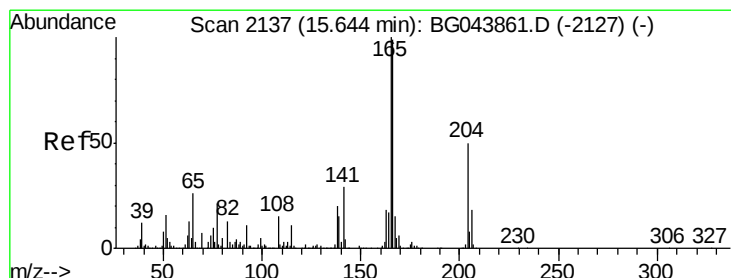
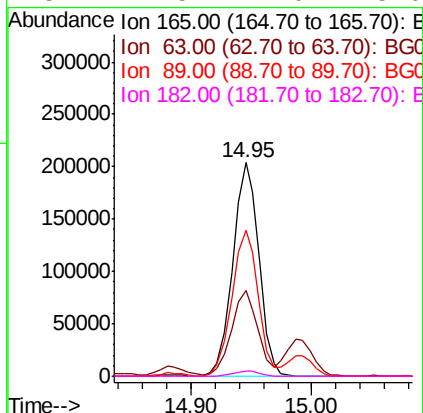
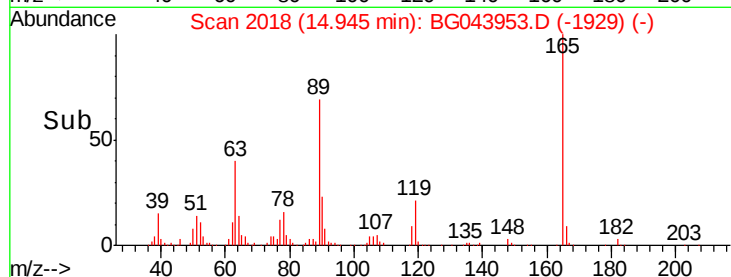
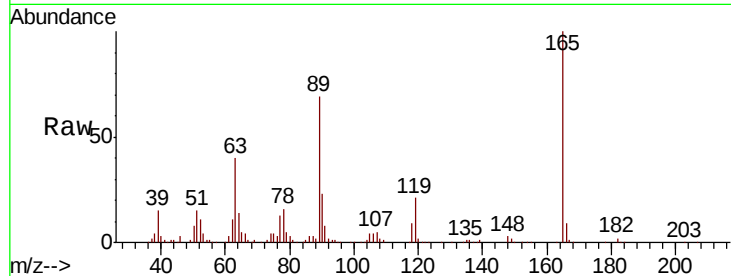
#57
2,4-Dinitrotoluene
Concen: 40.455 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.3	31.9	47.9
89	68.5	53.8	80.6
182	2.5	2.0	3.0

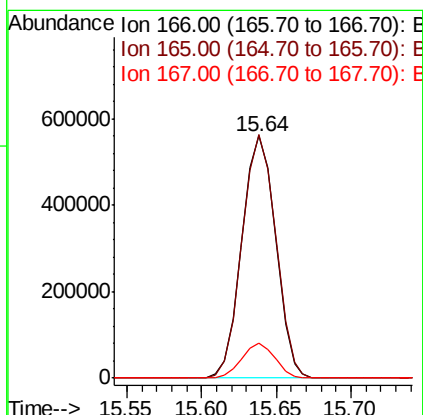
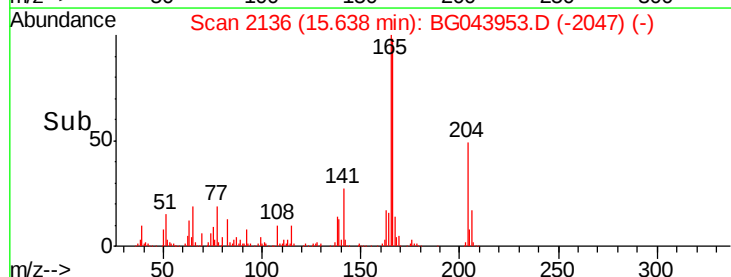
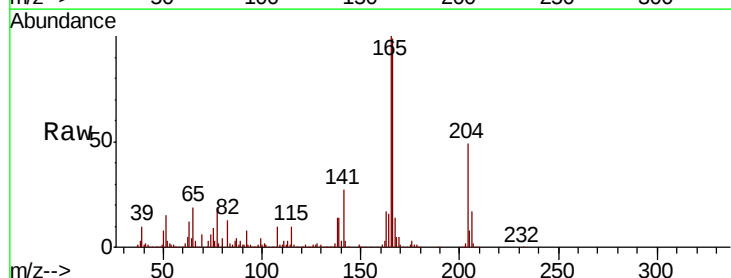
Manual Integrations
APPROVED

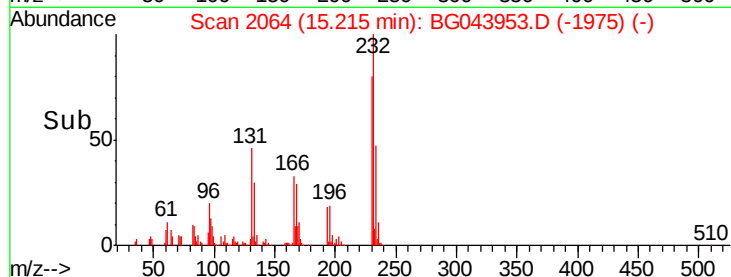
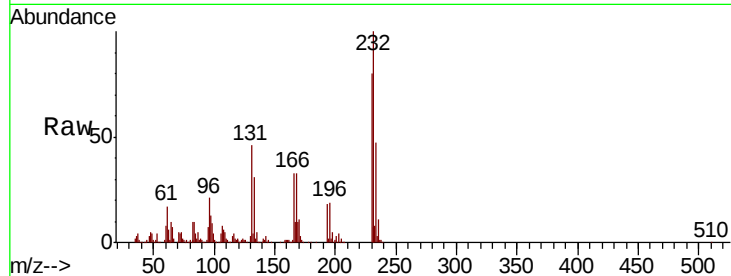
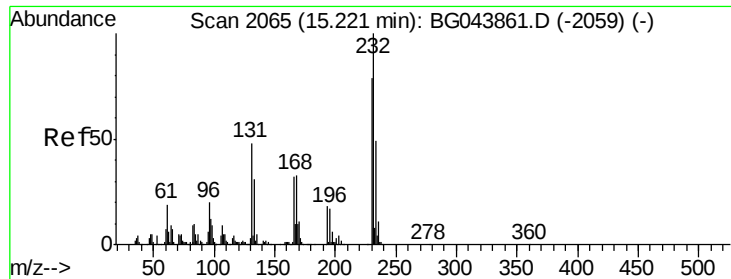
mohammad
1/8/2020 4:26:07 PM



#58
Fluorene
Concen: 39.987 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.8	121.2
167	14.5	12.1	18.1





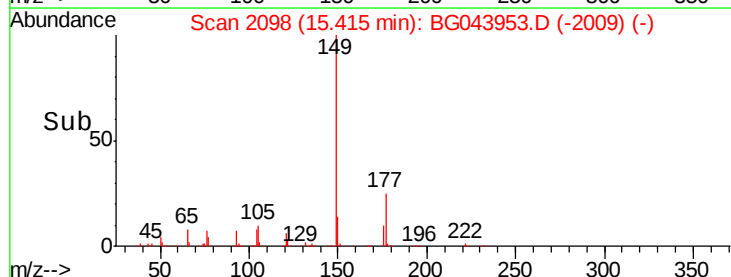
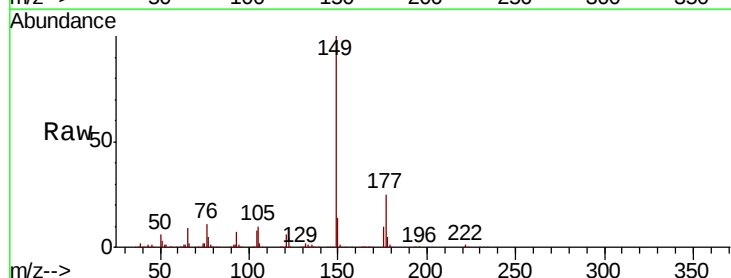
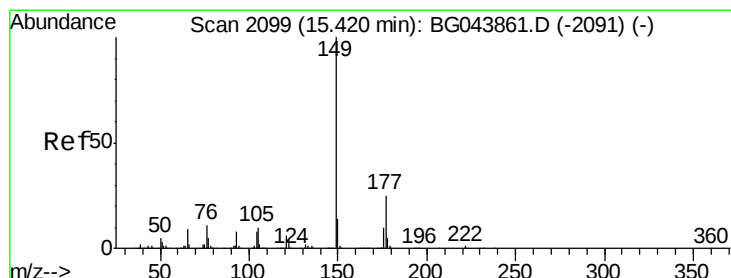
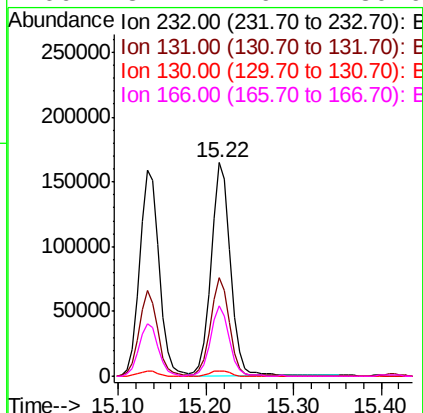
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.801 ng
RT: 15.22 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Resp	Lower	Upper
232	100	252178		
131	45.3		38.2	57.2
130	2.6		2.2	3.2
166	32.1		26.4	39.6

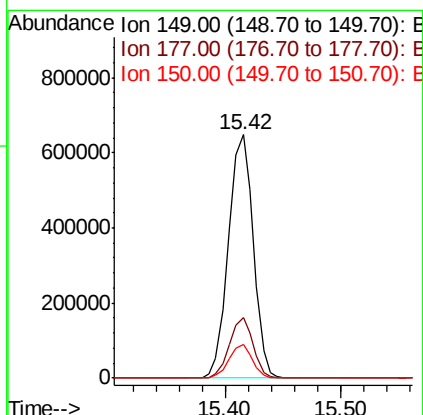
Manual Integrations
APPROVED

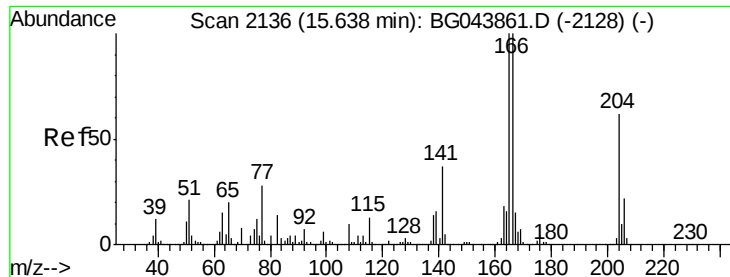
mohammad
1/8/2020 4:26:07 PM



#60
Diethylphthalate
Concen: 39.215 ng
RT: 15.42 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	962368		
177	25.1		20.0	30.0
150	13.6		11.1	16.7





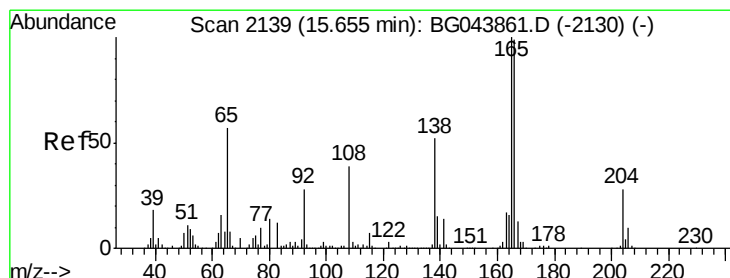
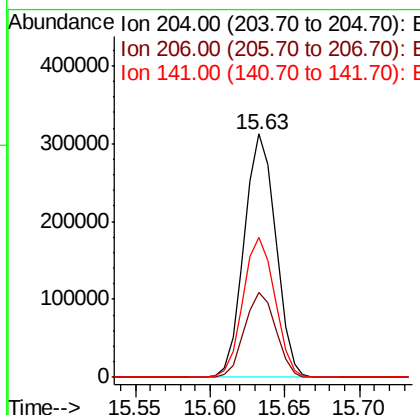
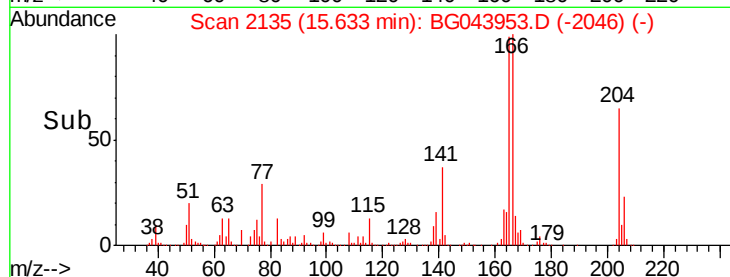
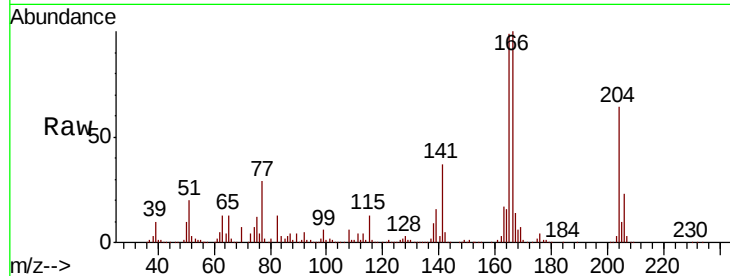
#61
4-Chlorophenyl-phenylether
Concen: 38.207 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	28.2	42.2
141	57.7	48.2	72.2

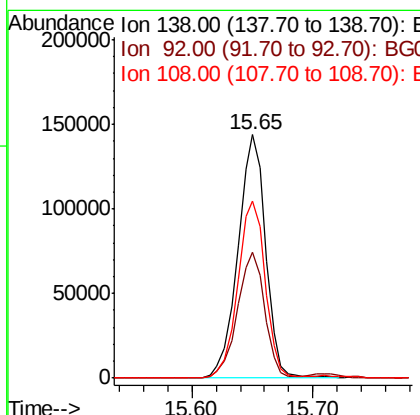
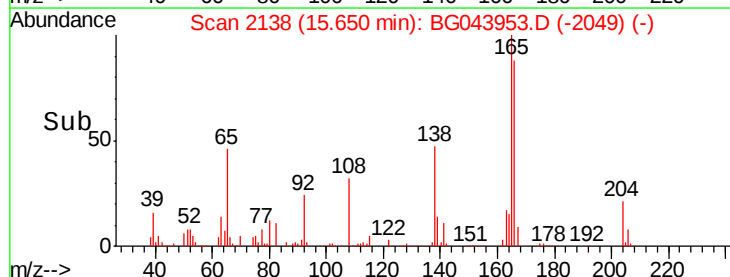
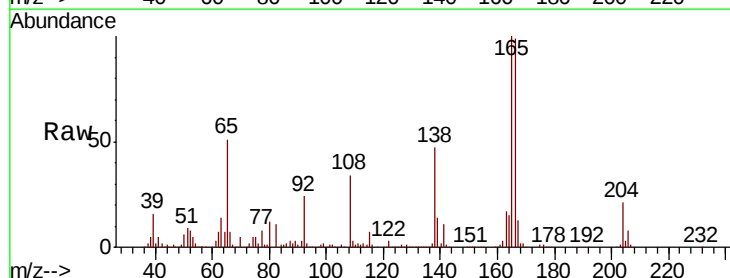
Manual Integrations
APPROVED

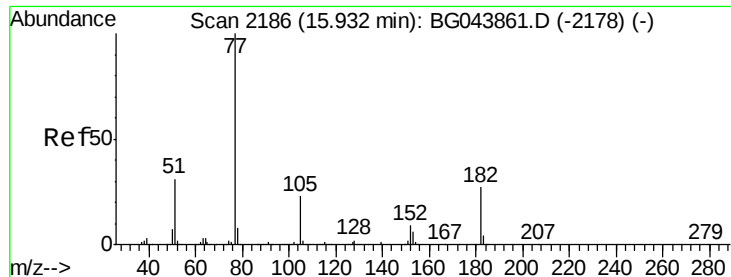
mohammad
1/8/2020 4:26:07 PM



#62
4-Nitroaniline
Concen: 36.872 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	34.3	74.3
108	73.0	55.0	95.0





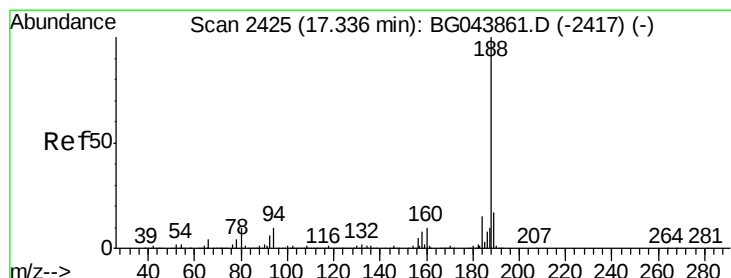
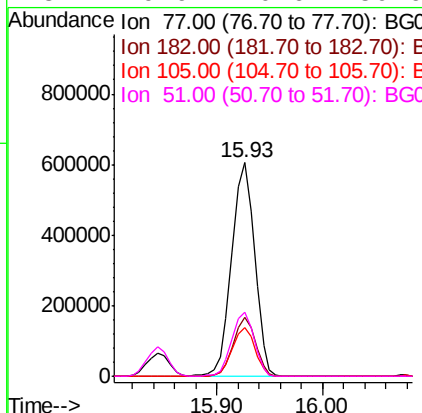
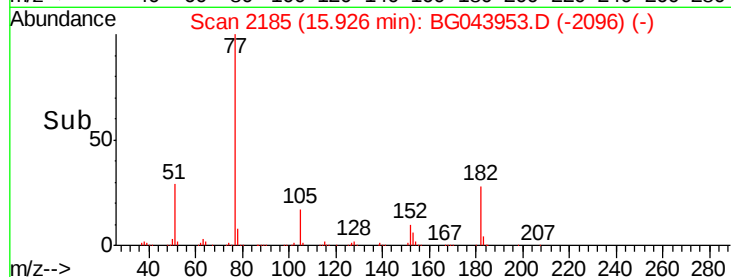
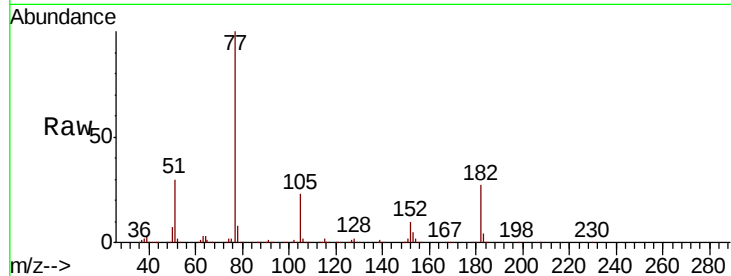
#63
Azobenzene
Concen: 39.825 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	7.3	47.3
105	23.1	3.2	43.2
51	29.9	10.6	50.6

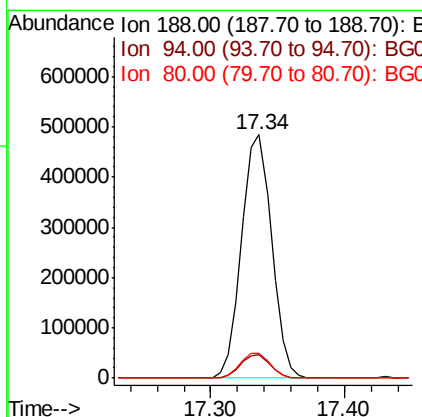
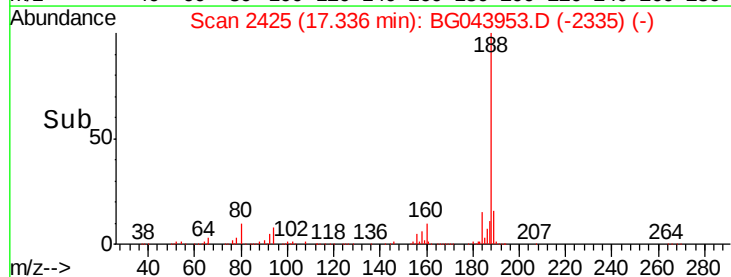
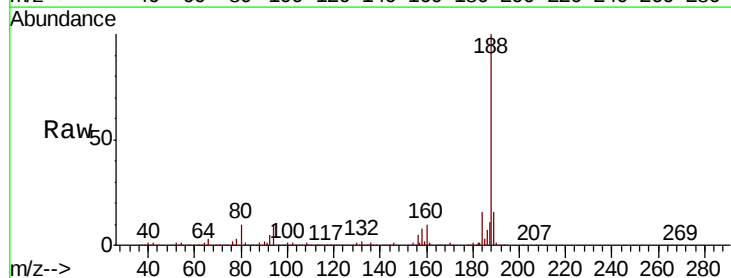
Manual Integrations
APPROVED

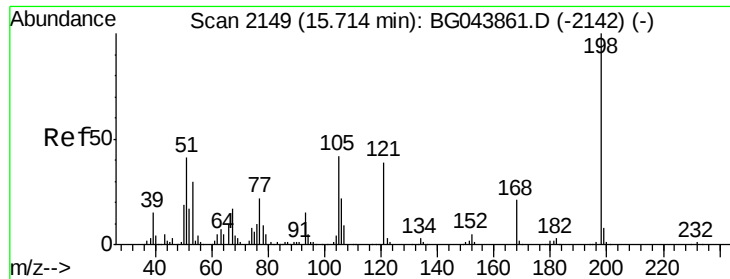
mohammad
1/8/2020 4:26:07 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.9	11.9
80	9.9	8.2	12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 41.421 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

IDOC-W-04-CG

Tot Ion:198 Resp: 158525

Ion Ratio Lower Upper

198 100

51 43.1 22.5 62.5

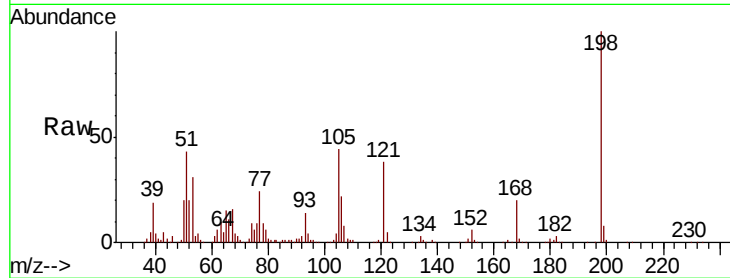
105 43.6 22.3 62.3

Manual Integrations

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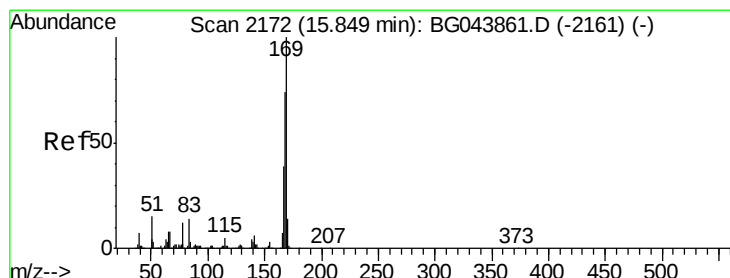
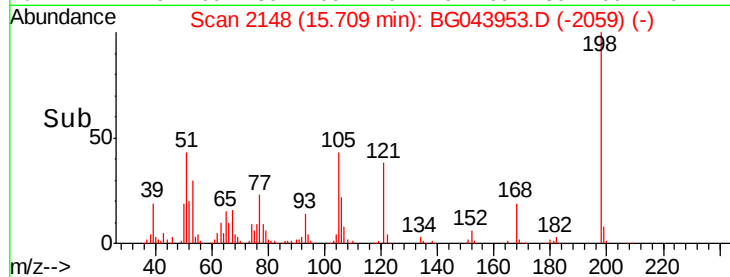
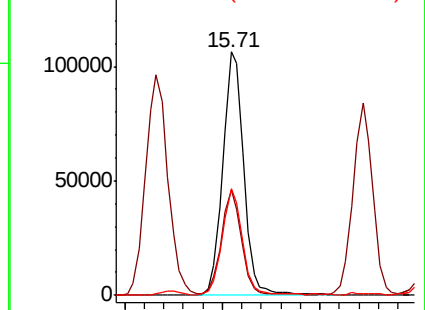
1/8/2020 4:26:07 PM



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: 37.246 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

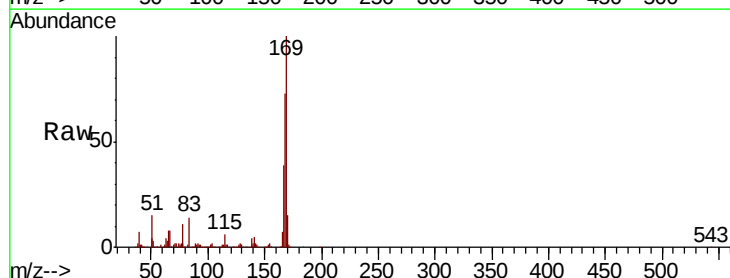
Tgt Ion:169 Resp: 827984

Ion Ratio Lower Upper

169 100

168 73.1 59.0 88.6

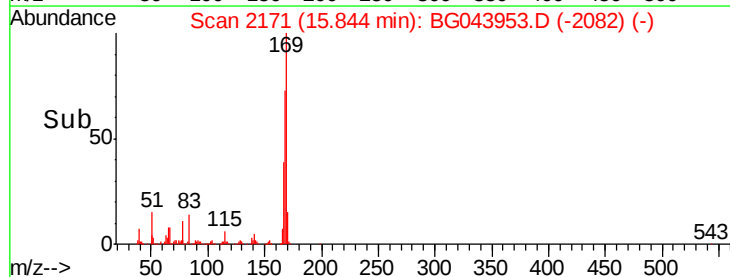
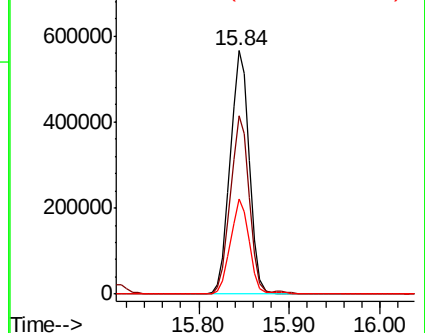
167 39.2 31.4 47.0

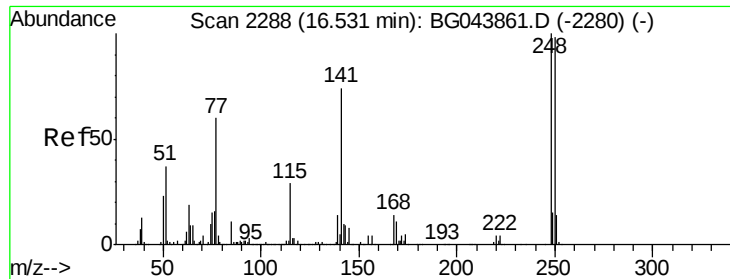


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





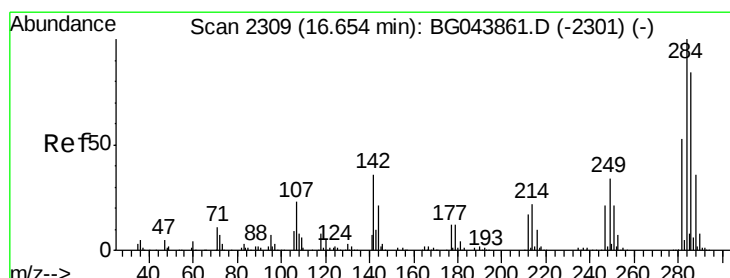
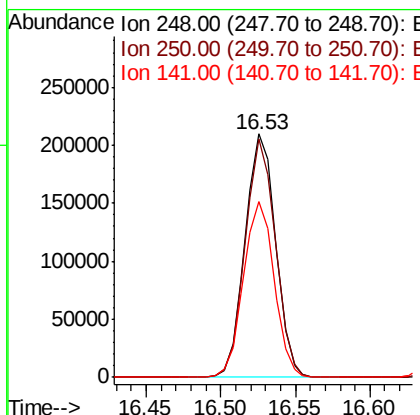
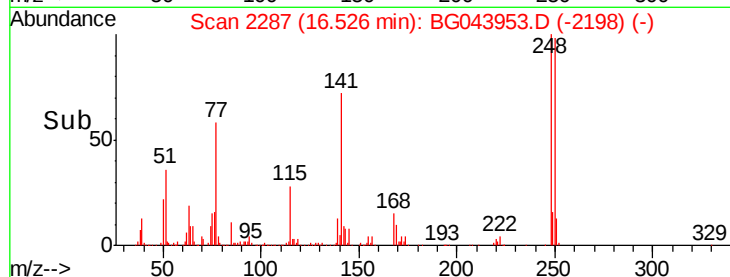
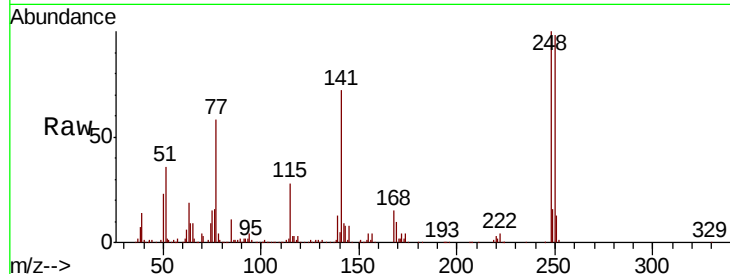
#67
4-Bromophenyl-phenylether
Concen: 34.938 ng
RT: 16.53 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.2	117.2
141	72.4	59.3	88.9

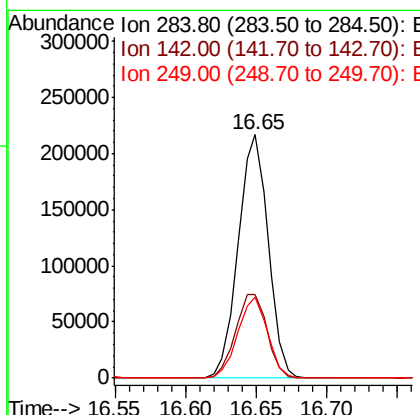
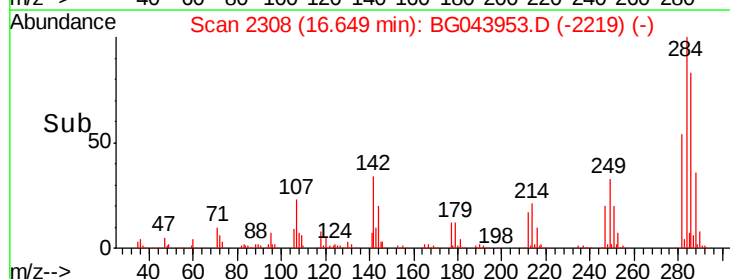
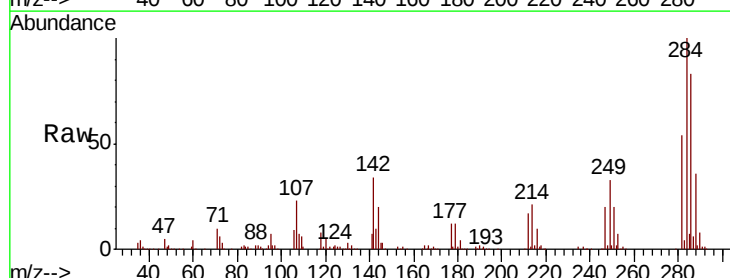
Manual Integrations
APPROVED

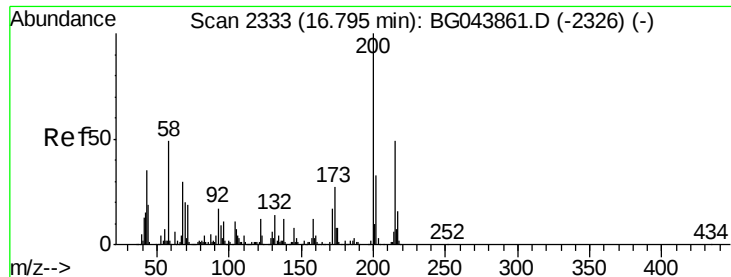
mohammad
1/8/2020 4:26:07 PM



#68
Hexachlorobenzene
Concen: 35.044 ng
RT: 16.65 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.6	43.0
249	33.1	27.0	40.6





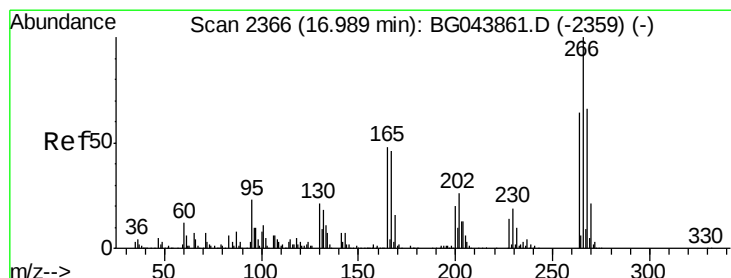
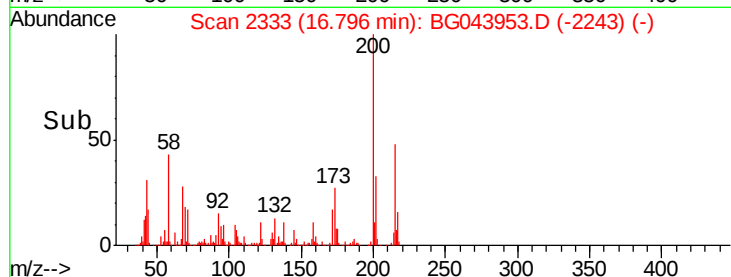
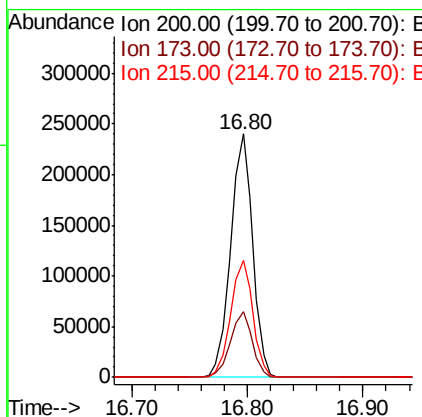
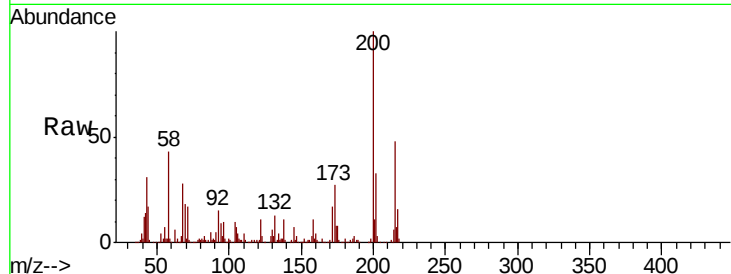
#69
Atrazine
Concen: 43.736 ng
RT: 16.80 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.6	46.6
215	47.8	28.6	68.6

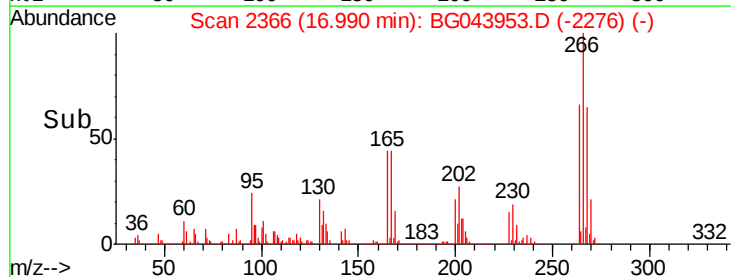
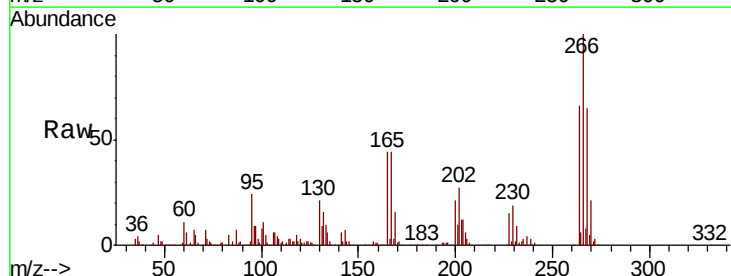
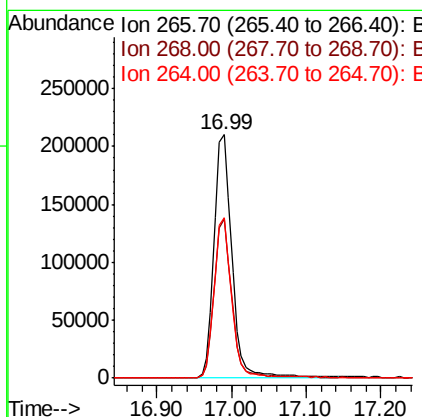
Manual Integrations
APPROVED

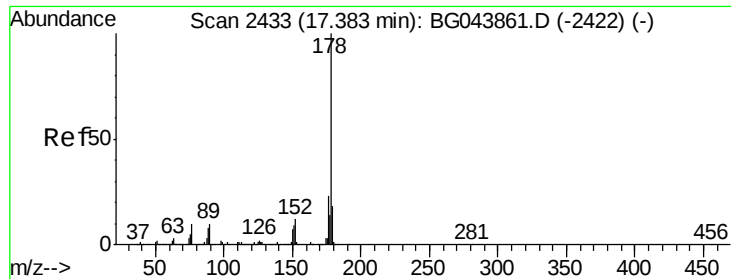
mohammad
1/8/2020 4:26:07 PM



#70
Pentachlorophenol
Concen: 69.996 ng
RT: 16.99 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.6	79.0
264	65.9	50.8	76.2





#71

Phenanthrene

Concen: 38.358 ng

RT: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

IDOC-W-04-CG

Tot Ion:178 Resp: 1388841

Ion Ratio Lower Upper

178 100

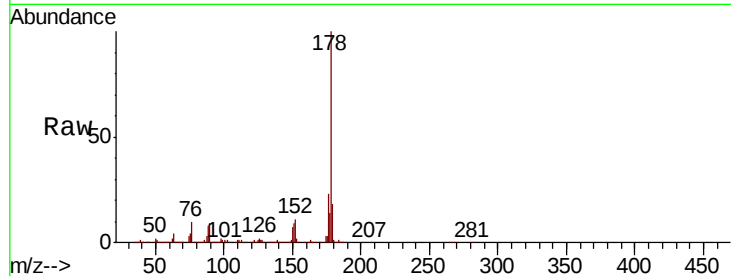
176 22.7 18.6 28.0

179 18.2 14.4 21.6

Manual Integrations
APPROVED

mohammad

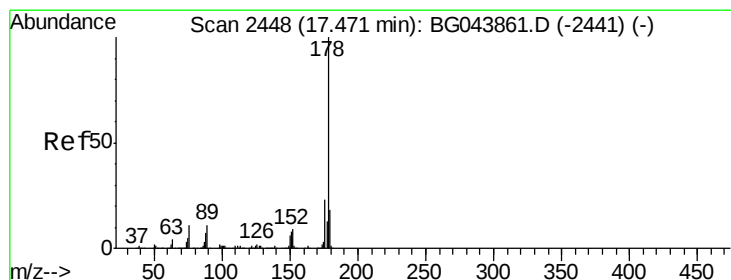
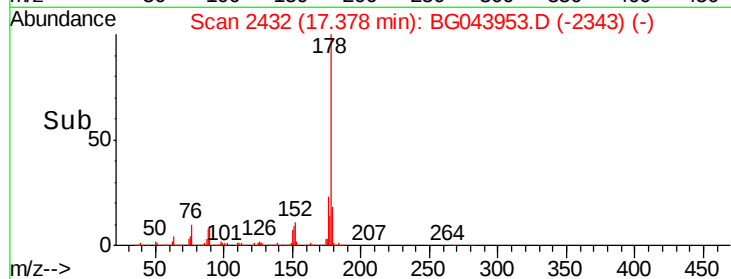
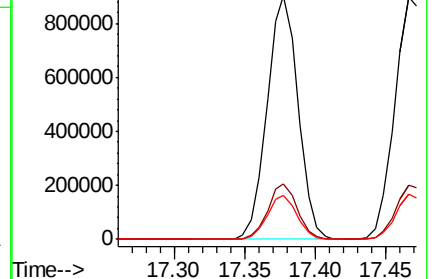
1/8/2020 4:26:07 PM



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: 39.986 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:178 Resp: 1430817

Ion Ratio Lower Upper

178 100

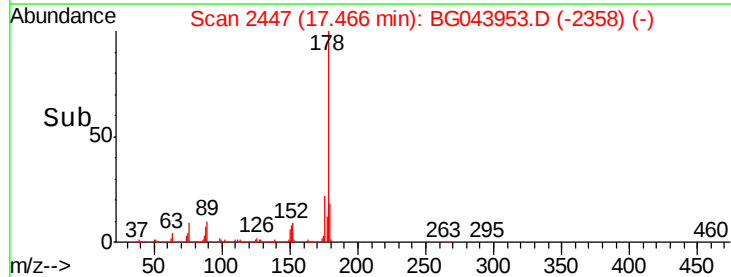
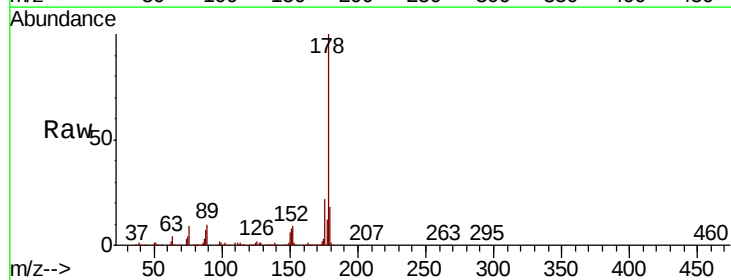
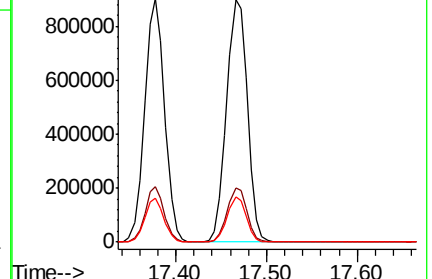
176 22.5 18.3 27.5

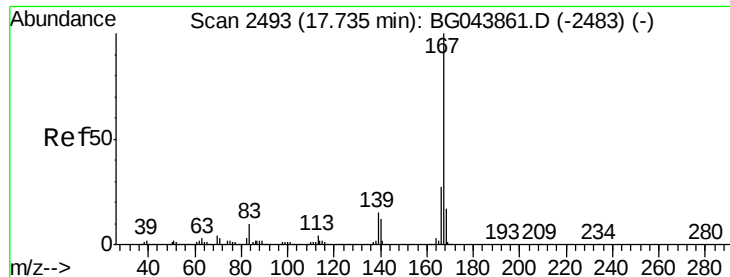
179 18.4 14.6 22.0

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





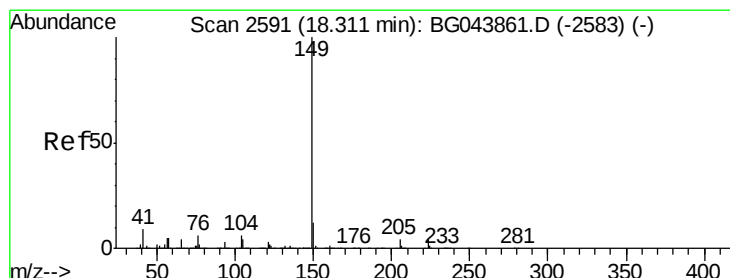
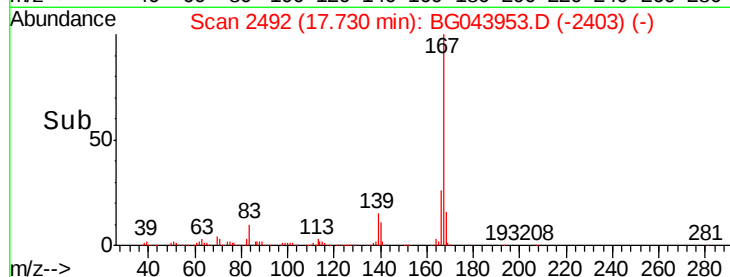
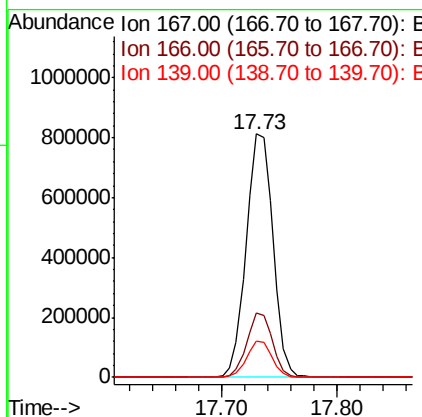
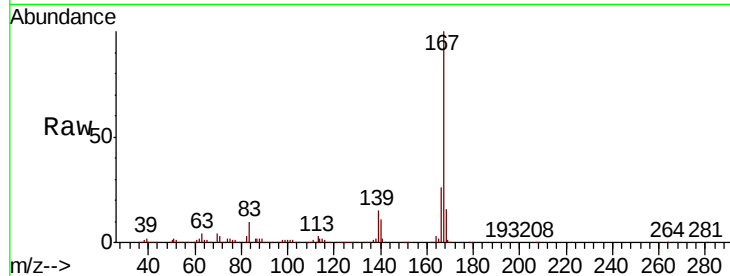
#73
 Carbazole
 Concen: 39.732 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Instrument :
 BNA_G
 ClientSampled :
 IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.2	21.6	32.4
139	14.8	12.1	18.1

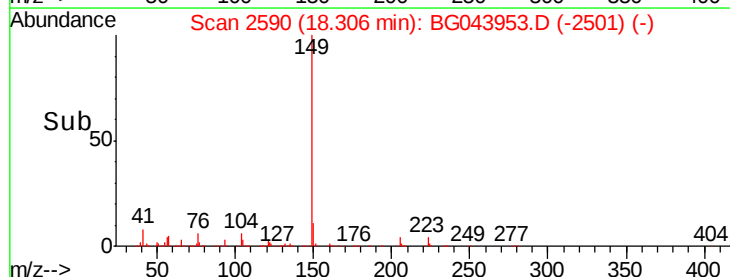
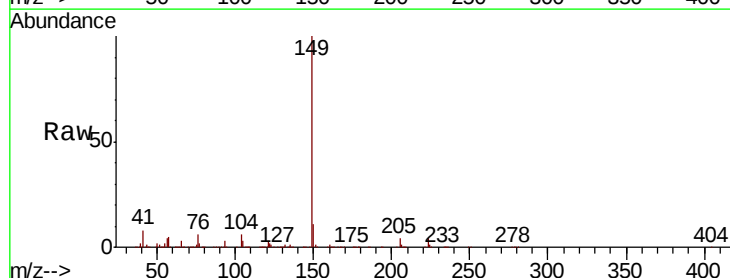
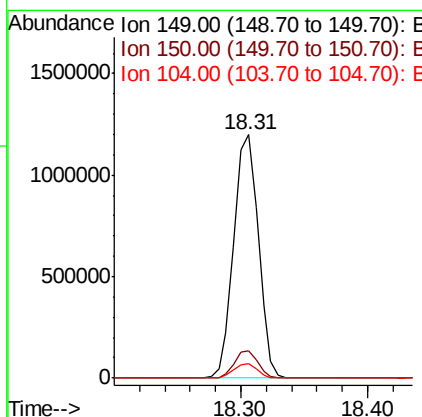
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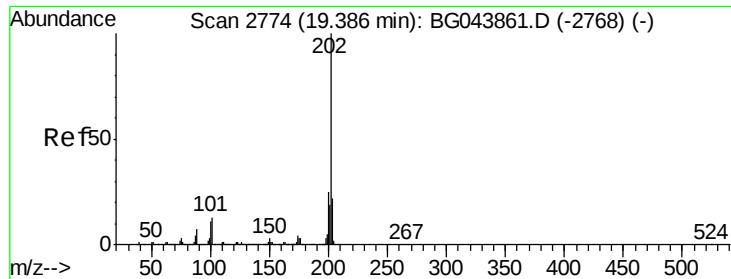
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.084 ng
 RT: 18.31 min Scan# 2590
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.2	9.7	14.5
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 38.716 ng

RT: 19.39 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

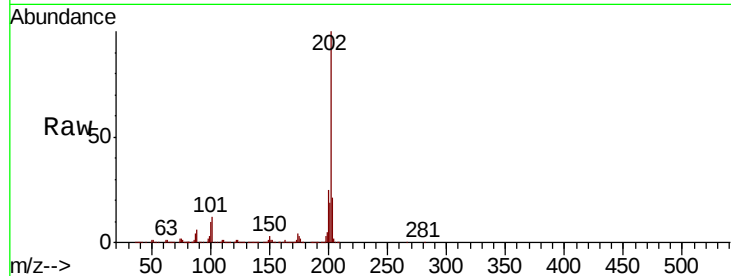
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	202	Resp:	1603180
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.3
203	21.3	1.6	41.6

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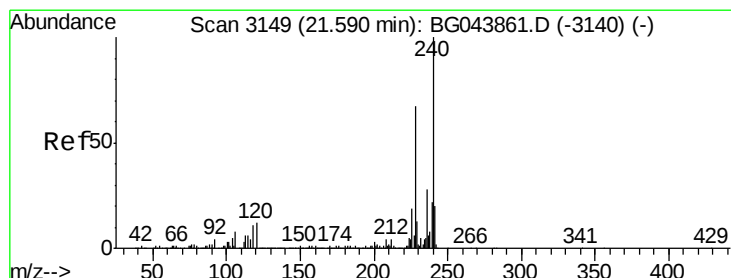
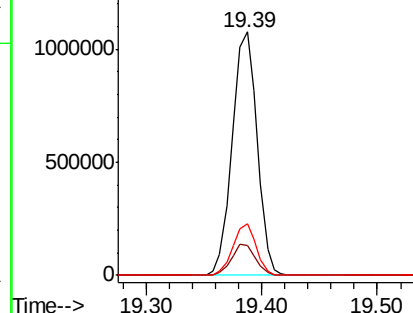
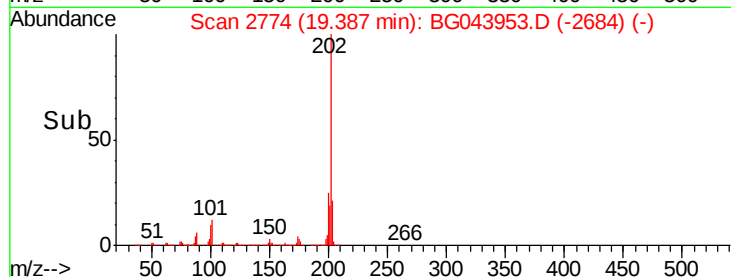


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

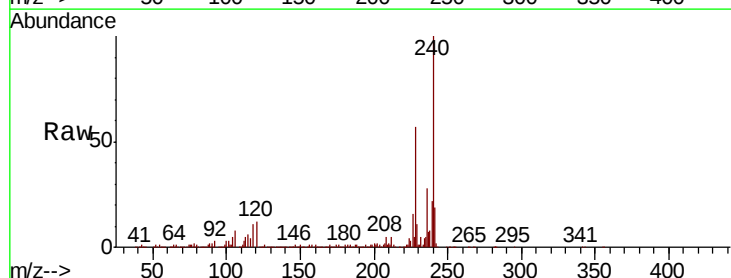
RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	240	Resp:	649083
Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.6	14.4
236	28.2	22.2	33.2

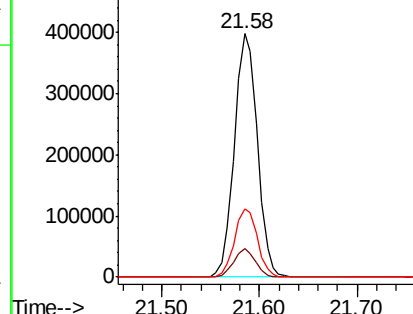
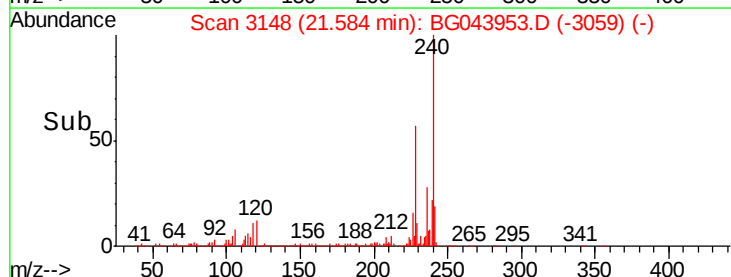


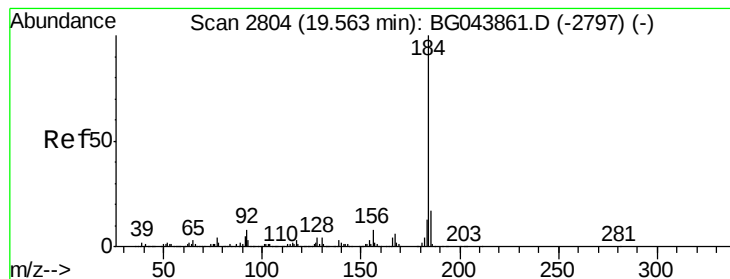
Abundance

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





#77

Benzidine

Concen: 43.957 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

IDOC-W-04-CG

Tot Ion:184 Resp: 717165

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.0

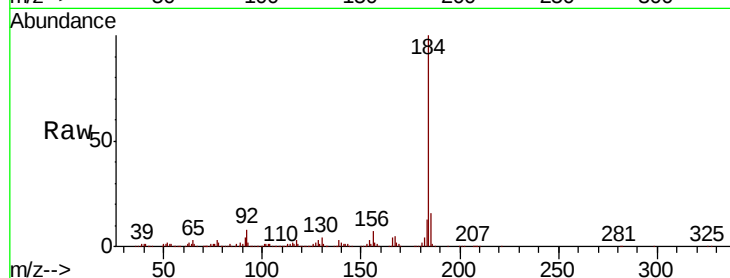
183 13.4 10.6 15.8

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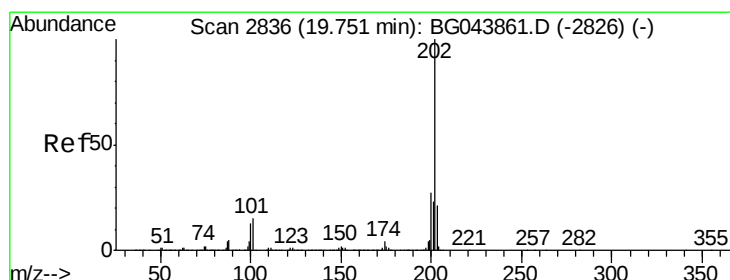
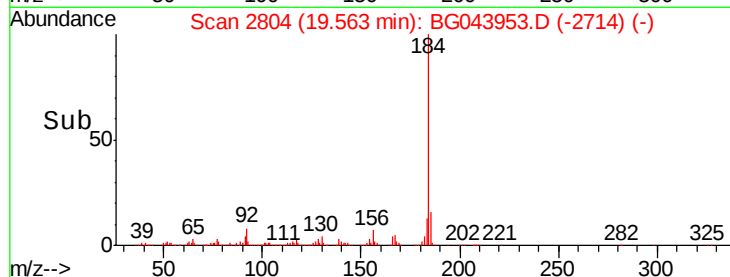
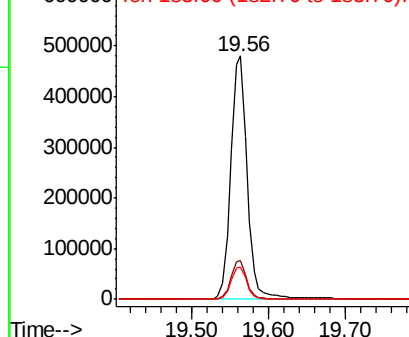
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.565 ng

RT: 19.75 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

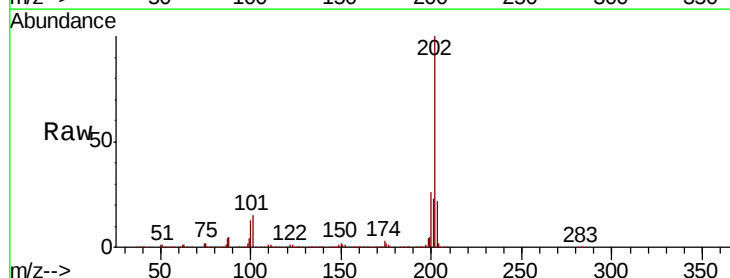
Tgt Ion:202 Resp: 1591543

Ion Ratio Lower Upper

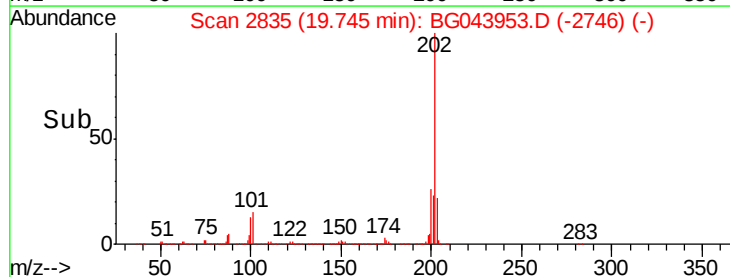
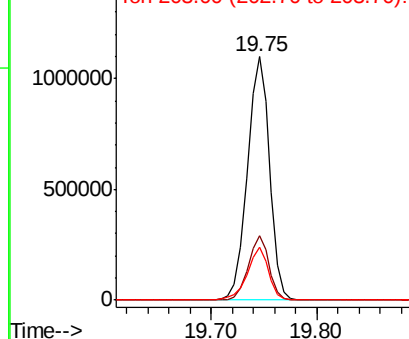
202 100

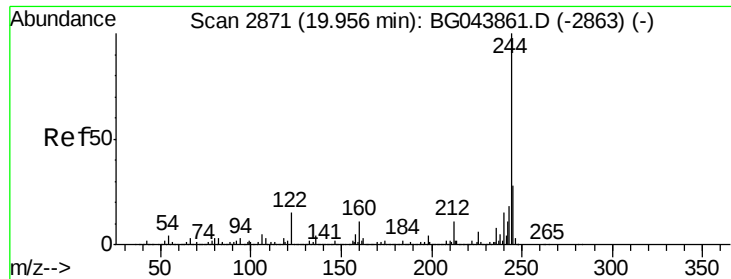
200 26.3 21.7 32.5

203 21.6 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





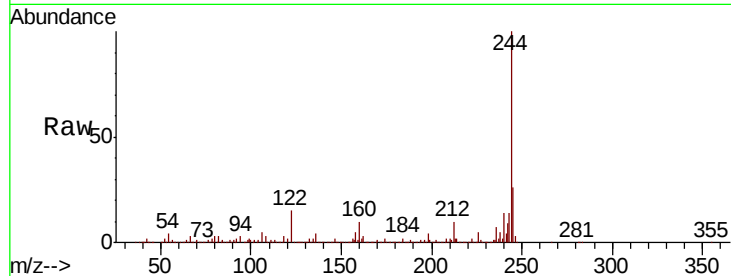
#79
 Terphenyl-d14
 Concen: 73.131 ng
 RT: 19.95 min Scan# 2869
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-W-04-CG

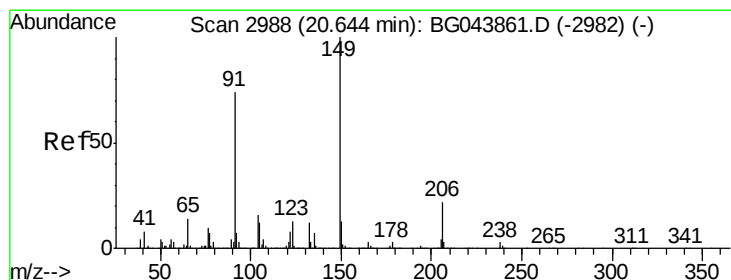
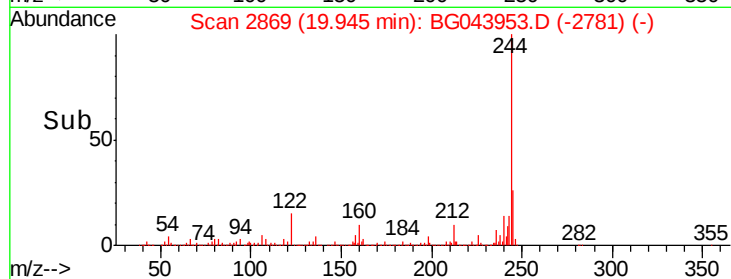
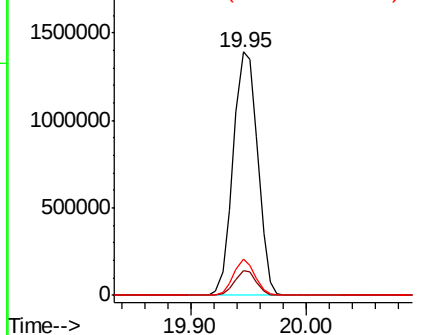
Tot Ion:244 Resp: 2045920
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.6 13.0
 122 14.7 11.9 17.9

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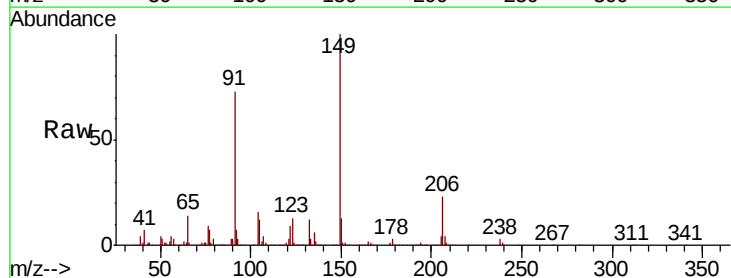


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

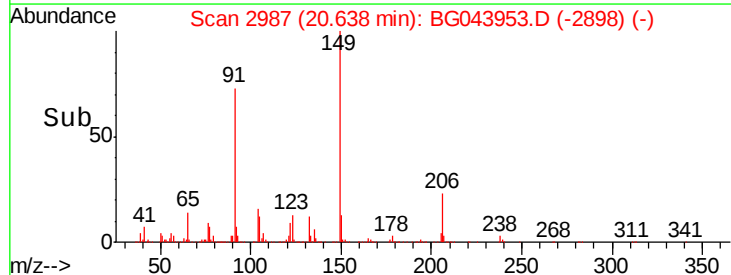
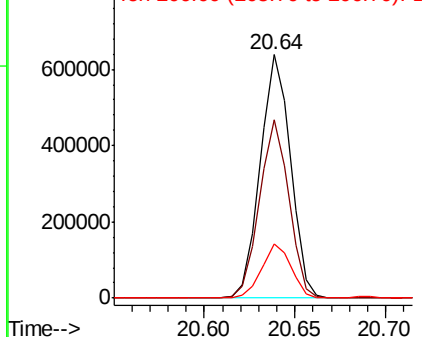


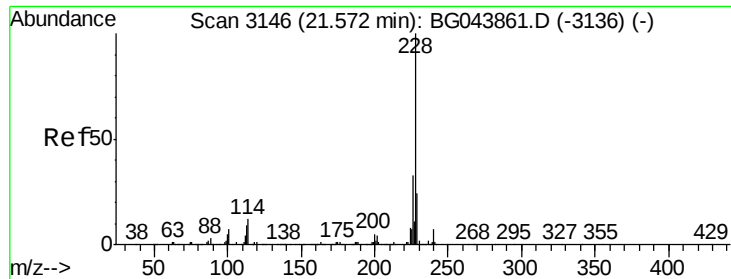
#80
 Butylbenzylphthalate
 Concen: 36.664 ng
 RT: 20.64 min Scan# 2987
 Delta R.T. -0.01 min
 Lab File: BG043953.D
 Acq: 7 Jan 2020 13:44

Tgt Ion:149 Resp: 739551
 Ion Ratio Lower Upper
 149 100
 91 73.0 59.5 89.3
 206 22.5 17.8 26.6



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





#81

Benzo(a)anthracene

Concen: 38.131 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

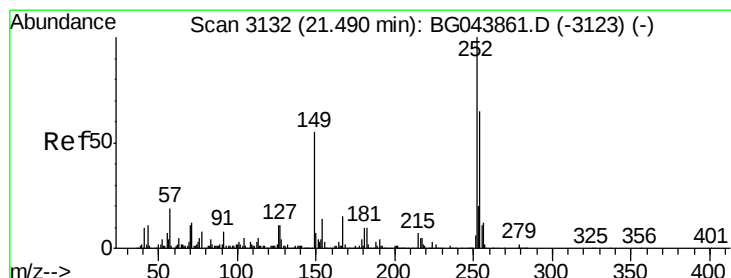
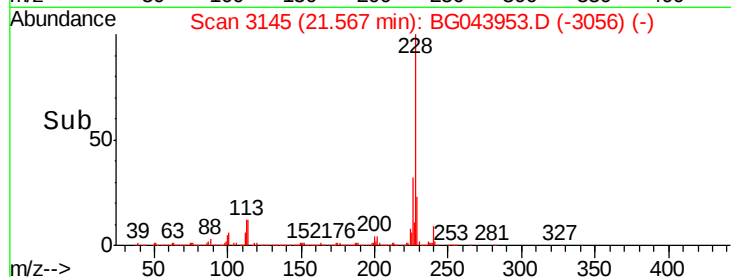
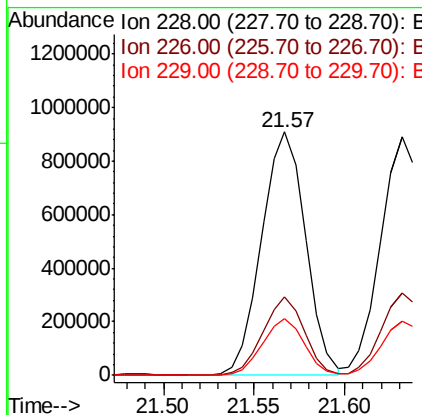
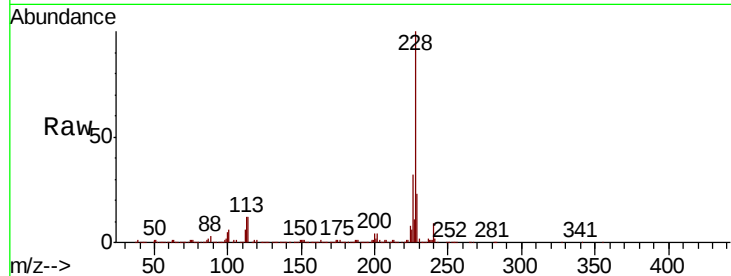
ClientSampleId :

IDOC-W-04-CG

Tot Ion:	228	Resp:	1534670
Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	23.3	18.9	28.3

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#82

3,3'-Dichlorobenzidine

Concen: 31.028 ng

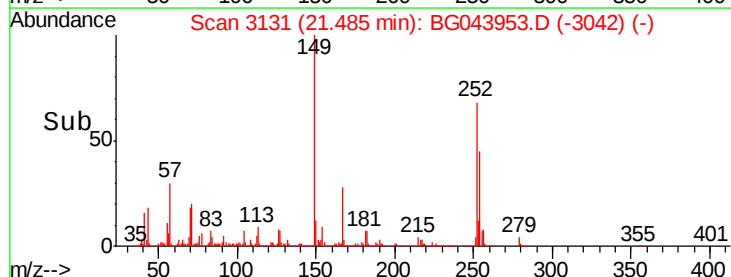
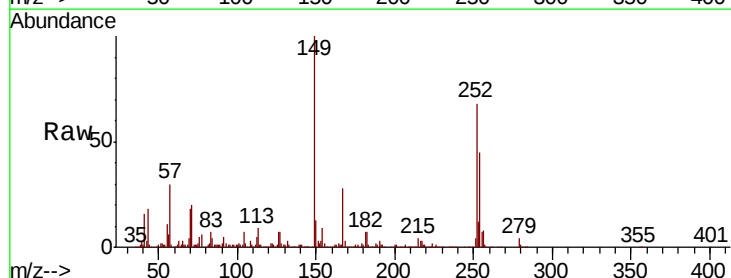
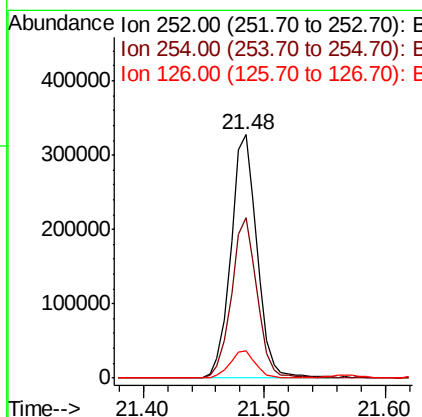
RT: 21.48 min Scan# 3131

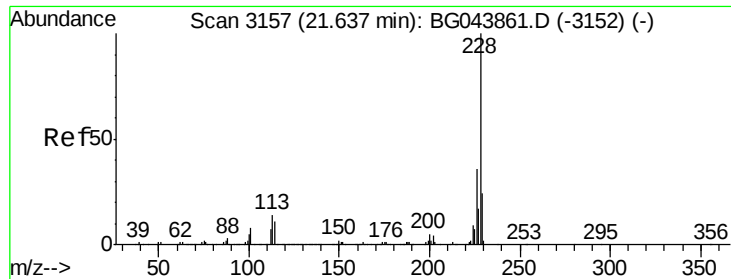
Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Tgt Ion:	252	Resp:	493378
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	11.0	9.1	13.7





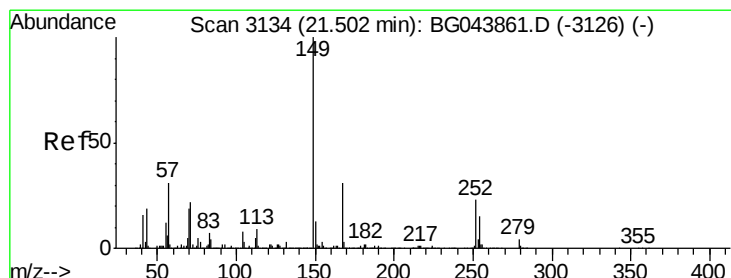
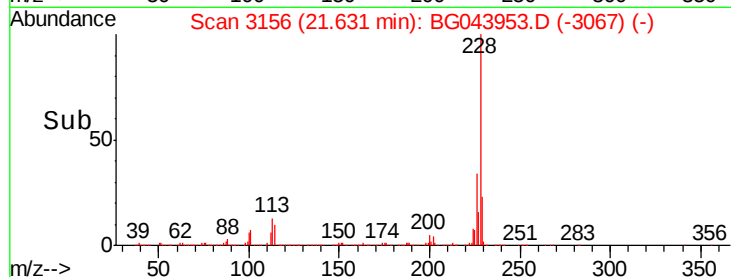
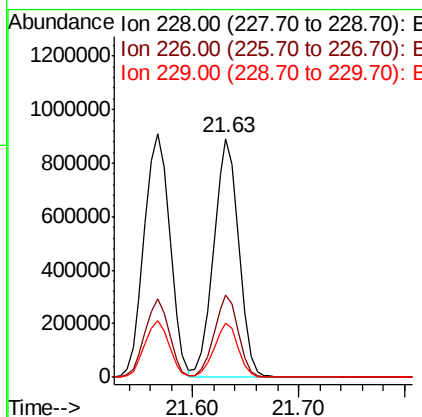
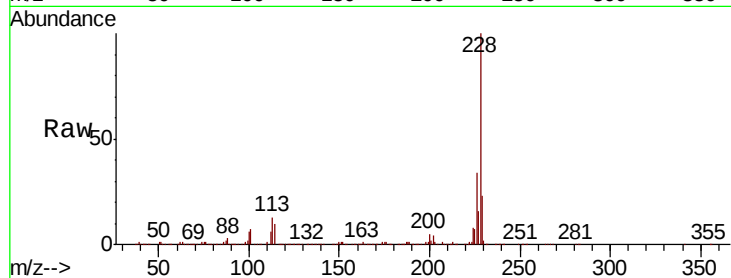
#83
Chrysene
Concen: 38.650 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion:228 Resp: 1478082
Ion Ratio Lower Upper
228 100
226 34.4 28.8 43.2
229 22.8 19.0 28.6

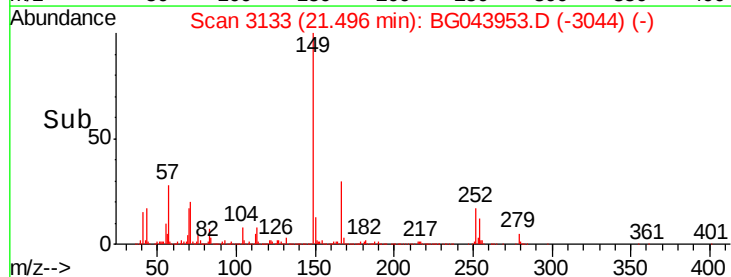
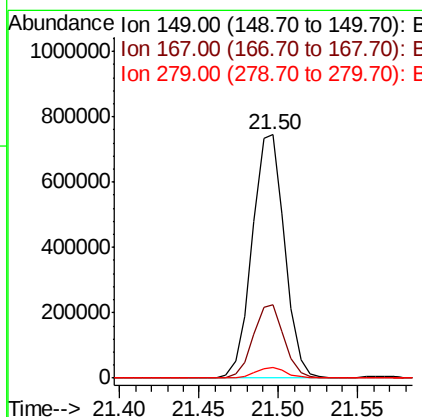
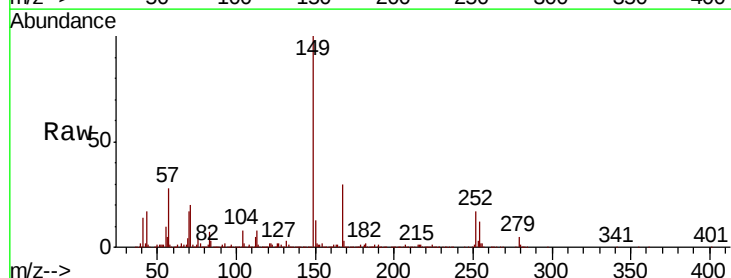
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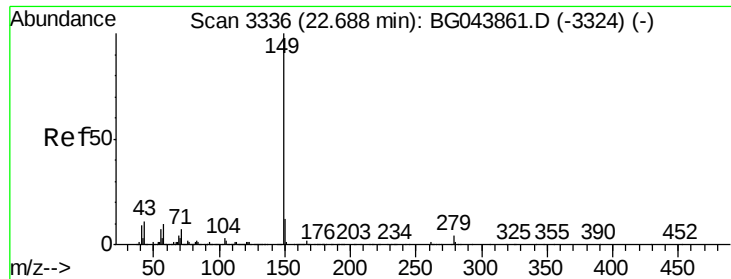
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.970 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:149 Resp: 1056787
Ion Ratio Lower Upper
149 100
167 30.3 24.7 37.1
279 4.6 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.859 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

Instrument :

BNA_G

ClientSampleId :

IDOC-W-04-CG

Tot Ion:149 Resp: 1818239

Ion Ratio Lower Upper

149 100

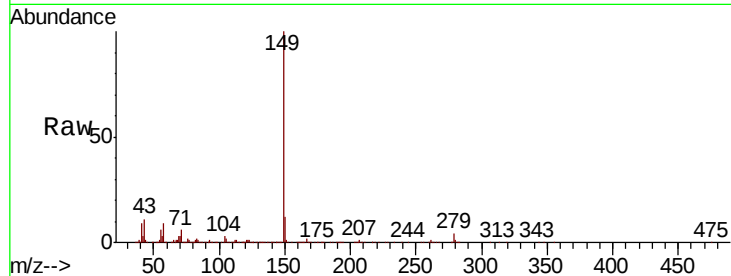
167 1.7 1.4 2.0

43 10.3 8.8 13.2

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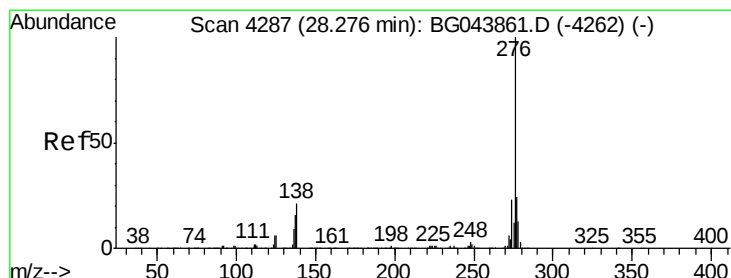
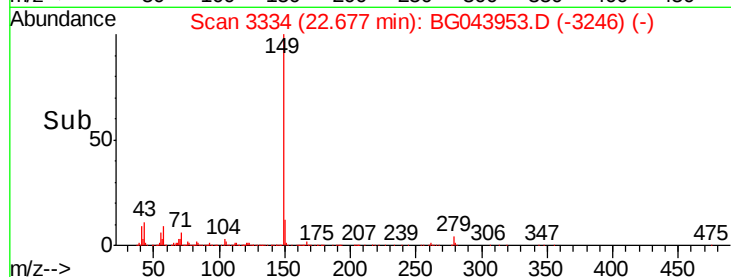
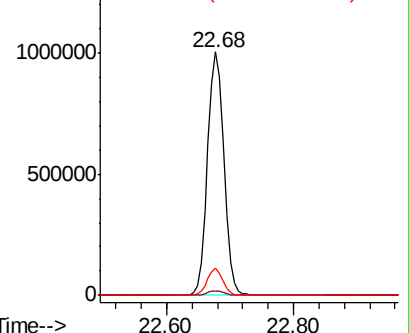
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.188 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG043953.D

Acq: 7 Jan 2020 13:44

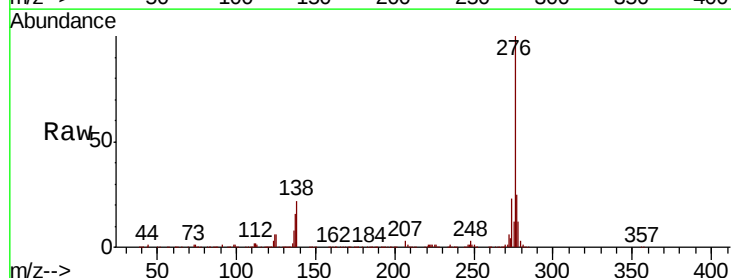
Tgt Ion:276 Resp: 1828805

Ion Ratio Lower Upper

276 100

138 17.1 21.0 31.4#

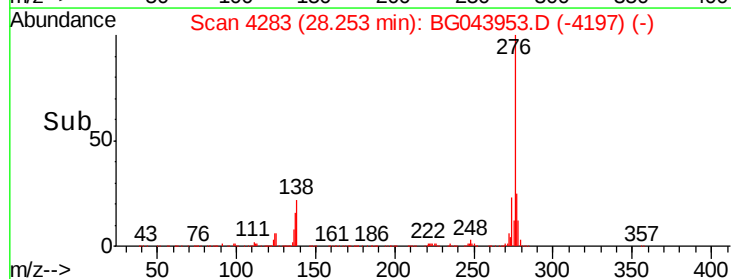
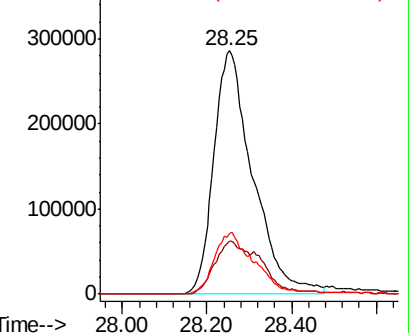
277 26.3 21.1 31.7

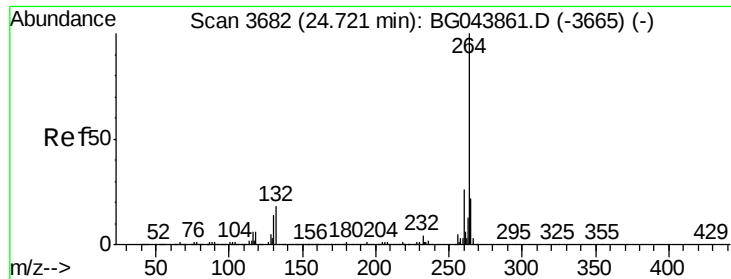


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





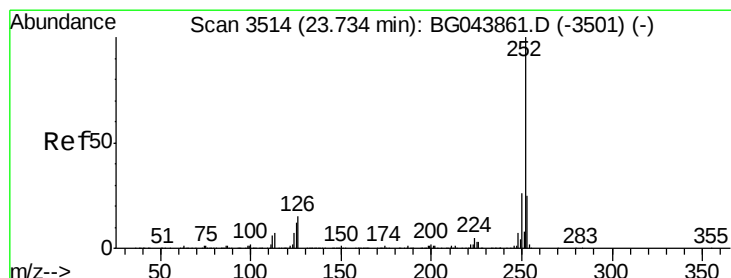
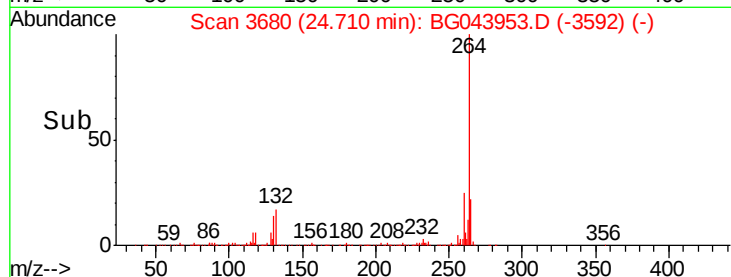
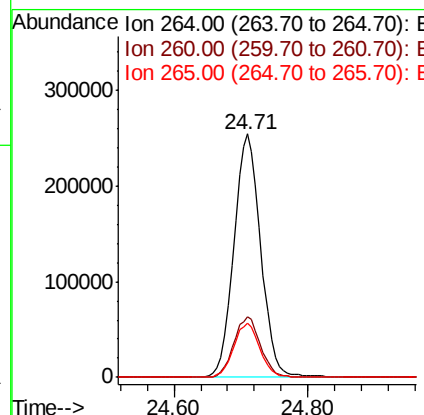
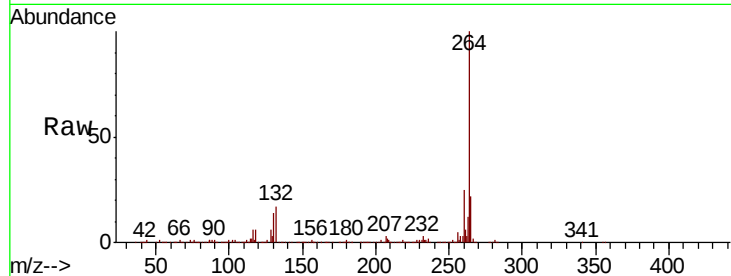
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	22.2	17.4	26.2

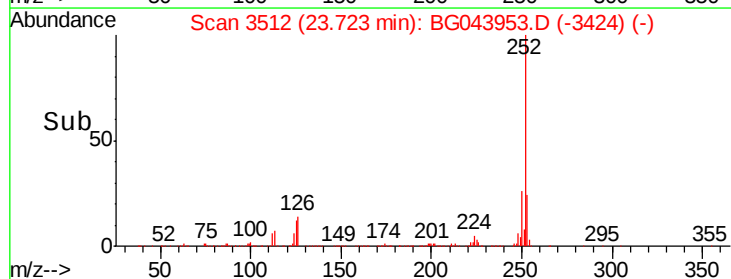
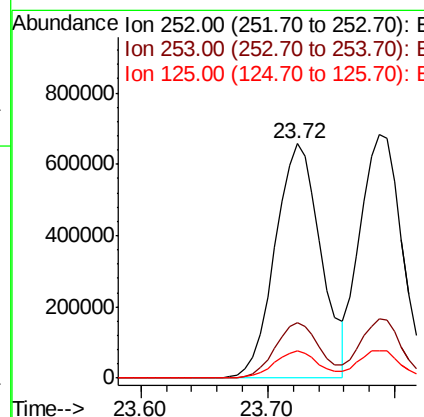
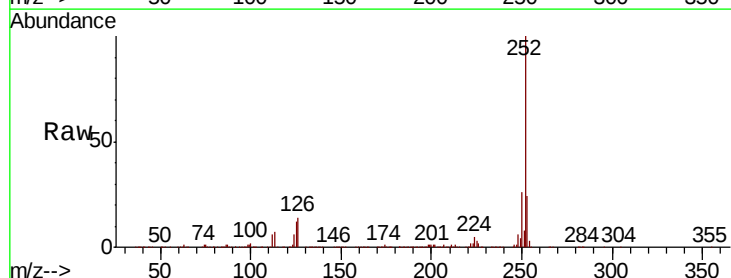
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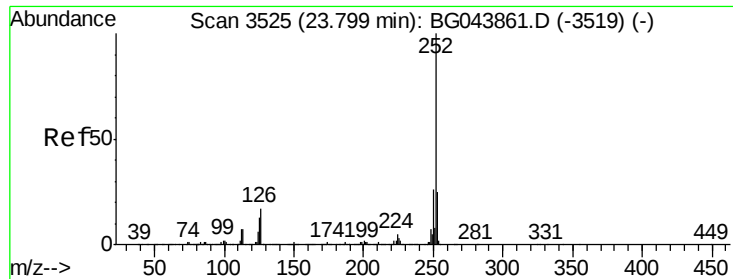
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#88
Benzo(b)fluoranthene
Concen: 39.216 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.7	29.5
125	11.8	9.4	14.2





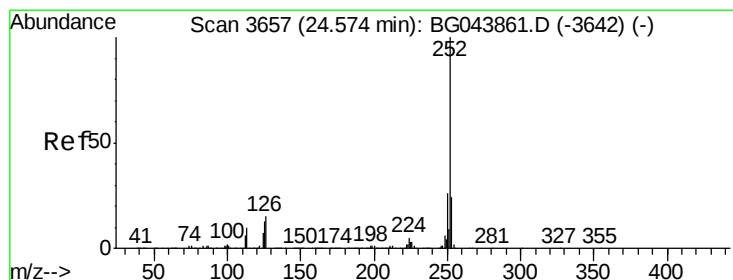
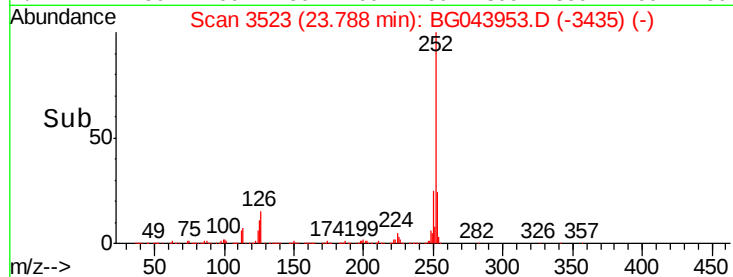
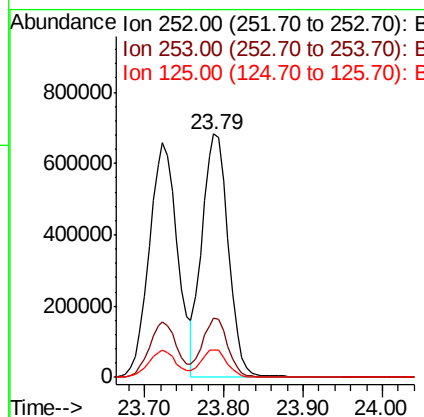
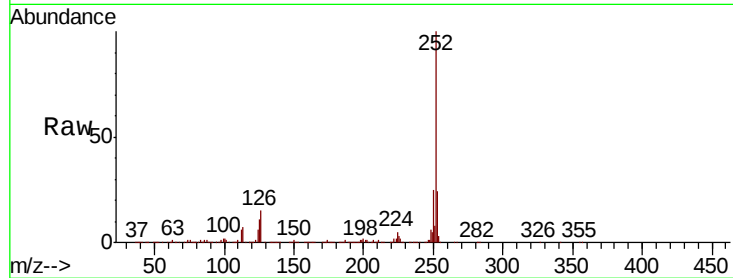
#89
Benzo(k)fluoranthene
Concen: 39.444 ng
RT: 23.79 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.4	29.2
125	11.3	9.9	14.9

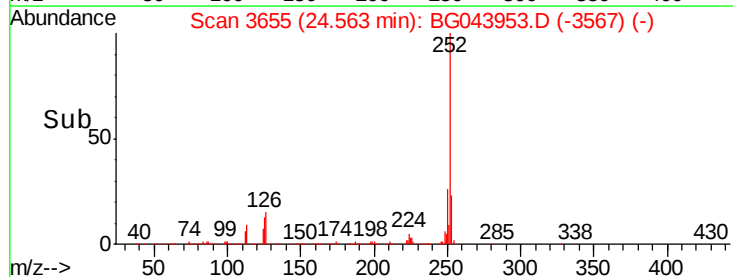
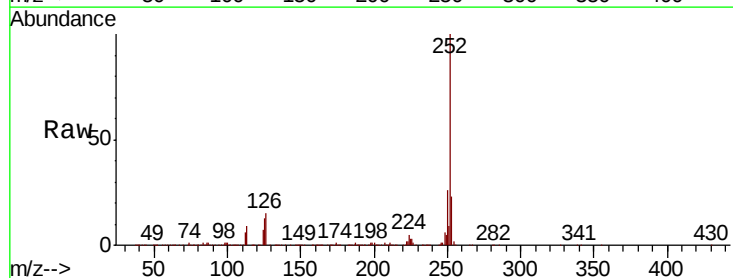
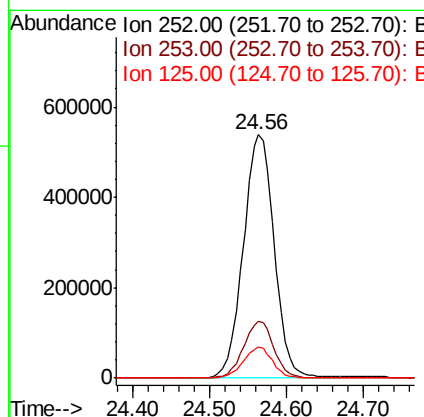
Manual Integrations
APPROVED

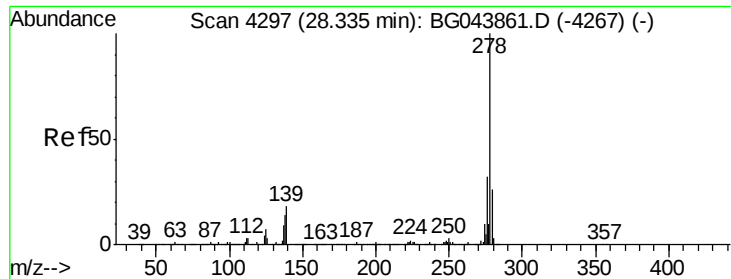
mohammad
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#90
Benzo(a)pyrene
Concen: 38.121 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	12.8	10.4	15.6





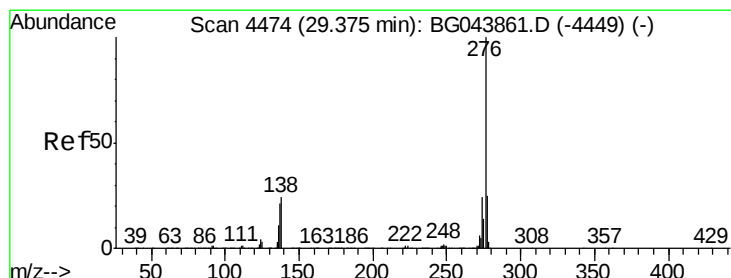
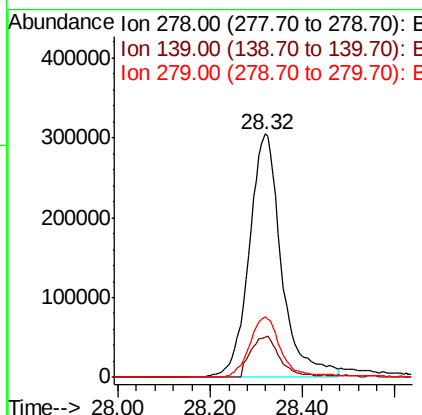
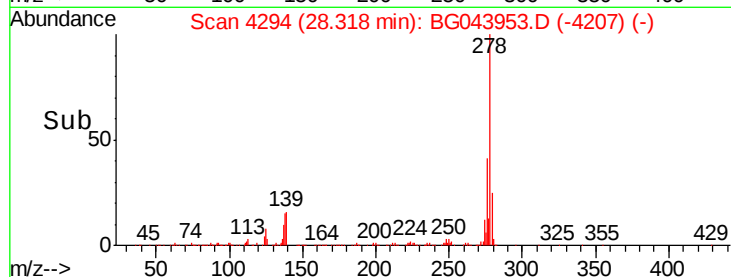
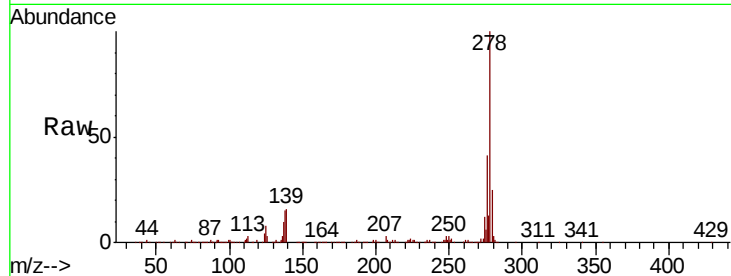
#91
Dibenzo(a,h)anthracene
Concen: 37.232 ng
RT: 28.32 min Scan# 4294
Delta R.T. -0.02 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Tot Ion:278 Resp: 1483537
Ion Ratio Lower Upper
278 100
139 16.4 14.2 21.4
279 24.9 20.6 30.8

Manual Integrations
APPROVED

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1/8/2020 4:26:07 PM



#92
Benzo(g,h,i)perylene
Concen: 37.958 ng
RT: 29.35 min Scan# 4470
Delta R.T. -0.02 min
Lab File: BG043953.D
Acq: 7 Jan 2020 13:44

Tgt Ion:276 Resp: 1502333
Ion Ratio Lower Upper
276 100
277 24.6 20.2 30.4
138 22.4 19.0 28.6

