

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
 Data File : BG043795.D
 Acq On : 9 Dec 2019 18:07
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120919

Manual Integrations
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mohammad
 12/10/2019 11:51:11 AM

Quant Time: Dec 10 01:18:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	127420	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	554164	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	392289	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	878797	20.00	ng	0.00
76) Chrysene-d12	21.64	240	725938	20.00	ng	0.00
87) Perylene-d12	24.79	264	825335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	550657	81.88	ng	0.00
7) Phenol-d6	7.16	99	780871	80.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	791557	80.20	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	306852	82.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1769438	79.23	ng	0.00
79) Terphenyl-d14	19.99	244	2459916	81.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	123992	39.815	ng	99
3) Pyridine	3.88	79	375079	43.585	ng	99
4) n-Nitrosodimethylamine	3.79	42	163817	39.703	ng	100
6) Aniline	7.33	93	511705	39.874	ng	98
8) 2-Chlorophenol	7.57	128	310764	39.653	ng	96
9) Benzaldehyde	7.14	77	220971	41.921	ng	90
10) Phenol	7.19	94	400078	39.955	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	330453	38.893	ng	97
12) 1,3-Dichlorobenzene	7.90	146	372085	39.618	ng	99
13) 1,4-Dichlorobenzene	8.04	146	365923	38.979	ng	99
14) 1,2-Dichlorobenzene	8.36	146	354007	39.139	ng	99
15) Benzyl Alcohol	8.23	79	312873	40.536	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	532654	39.116	ng	99
17) 2-Methylphenol	8.44	107	283374	39.646	ng	99
18) Hexachloroethane	9.10	117	135733	39.789	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	292254	39.415	ng	99
20) 3+4-Methylphenols	8.77	107	401589	40.350	ng	97
22) Acetophenone	8.82	105	537376	38.883	ng	99
24) Nitrobenzene	9.20	77	393174	39.109	ng	97
25) Isophorone	9.73	82	776914	39.414	ng	99
26) 2-Nitrophenol	9.91	139	155477	41.022	ng	96
27) 2,4-Dimethylphenol	9.97	122	280817	40.315	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	488940	38.751	ng	97
29) 2,4-Dichlorophenol	10.45	162	342101	39.994	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	393551	38.867	ng	99
31) Naphthalene	10.86	128	1044514	39.281	ng	99
32) Benzoic acid	10.10	122	211909	44.530	ng	97
33) 4-Chloroaniline	10.95	127	507417	39.358	ng	99
34) Hexachlorobutadiene	11.16	225	234972	38.299	ng	97
35) Caprolactam	11.72	113	138889	41.373	ng	99
36) 4-Chloro-3-methylphenol	12.08	107	368099	39.973	ng	97
37) 2-Methylnaphthalene	12.46	142	813260	39.460	ng	100
38) 1-Methylnaphthalene	12.68	142	775259	39.558	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	447751	37.984	ng	100

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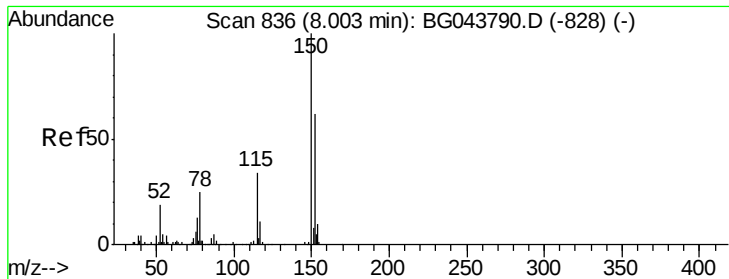
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	205398	37.123	nq	99
43) 2,4,6-Trichlorophenol	13.06	196	303352	40.488	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	317479	40.446	nq	98
46) 1,1'-Biphenyl	13.47	154	1051078	38.864	nq	98
47) 2-Chloronaphthalene	13.51	162	847797	38.345	nq	98
48) 2-Nitroaniline	13.70	65	275725	42.286	nq	97
49) Acenaphthylene	14.36	152	1285395	39.028	nq	98
50) Dimethylphthalate	14.09	163	1124017	40.144	nq	99
51) 2,6-Dinitrotoluene	14.20	165	247595	41.034	nq	99
52) Acenaphthene	14.70	154	850959	39.275	nq	98
53) 3-Nitroaniline	14.52	138	284474	41.198	nq	98
54) 2,4-Dinitrophenol	14.73	184	88444	44.540	nq	96
55) Dibenzofuran	15.03	168	1281210	39.948	nq	99
56) 4-Nitrophenol	14.82	139	215958	42.870	nq	97
57) 2,4-Dinitrotoluene	14.99	165	341391	41.872	nq	94
58) Fluorene	15.68	166	1027211	39.736	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	287061m	40.759	nq	
60) Diethylphthalate	15.46	149	1119388	40.024	nq	100
61) 4-Chlorophenyl-phenylether	15.68	204	565819	39.082	nq	98
62) 4-Nitroaniline	15.68	138	289742	40.498	nq	99
63) Azobenzene	15.97	77	1013766	39.456	nq	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	127331	39.623	nq	98
66) n-Nitrosodiphenylamine	15.88	169	953755	39.048	nq	100
67) 4-Bromophenyl-phenylether	16.57	248	357634	38.065	nq	98
68) Hexachlorobenzene	16.69	284	379027	38.036	nq	99
69) Atrazine	16.84	200	295506	37.951	nq	98
70) Pentachlorophenol	17.02	266	222206	41.920	nq	98
71) Phenanthrene	17.42	178	1644171	39.521	nq	99
72) Anthracene	17.51	178	1645224	39.950	nq	99
73) Carbazole	17.77	167	1510290	39.232	nq	99
74) Di-n-butylphthalate	18.35	149	1780960	40.356	nq	100
75) Fluoranthene	19.42	202	1867608	39.223	nq	99
77) Benzidine	19.60	184	698725	44.119	nq	96
78) Pyrene	19.79	202	1883674	39.706	nq	99
80) Butylbenzylphthalate	20.68	149	831309	42.074	nq	96
81) Benzo(a)anthracene	21.61	228	1825570	39.845	nq	99
82) 3,3'-Dichlorobenzidine	21.52	252	674972	39.879	nq	99
83) Chrysene	21.68	228	1751954	40.135	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1162435	41.017	nq	99
85) Di-n-octyl phthalate	22.75	149	1972125	42.566	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2167875	38.802	nq	# 93
88) Benzo(b)fluoranthene	23.79	252	1865143	39.250	nq	100
89) Benzo(k)fluoranthene	23.86	252	1813117	39.498	nq	100
90) Benzo(a)pyrene	24.64	252	1773515	39.163	nq	100
91) Dibenzo(a,h)anthracene	28.45	278	1750721	38.704	nq	100
92) Benzo(g,h,i)perylene	29.49	276	1721132	38.558	nq	100

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



#1

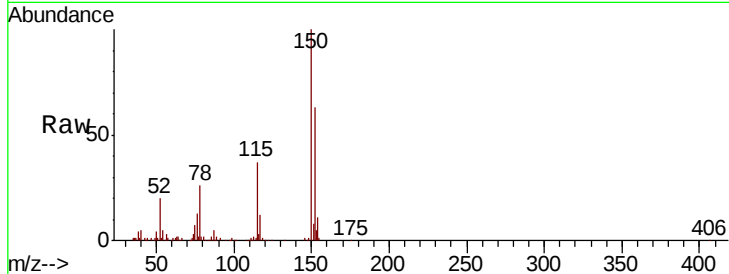
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.6	192.8
115	58.5	44.3	66.5

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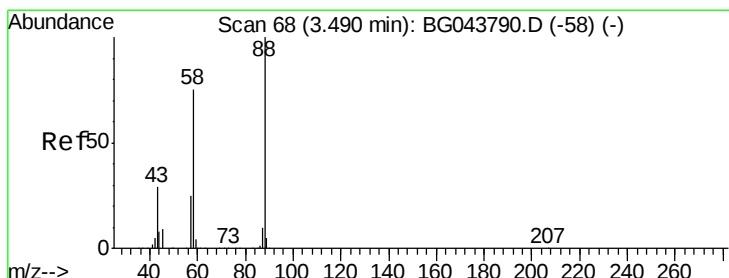
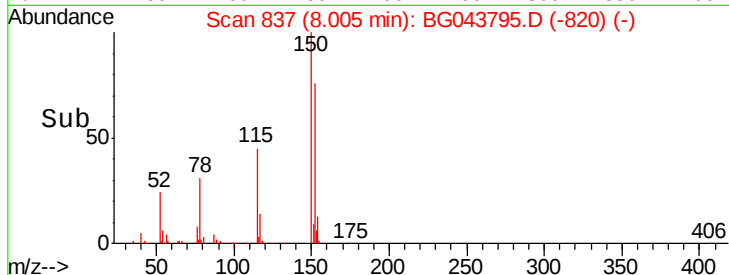
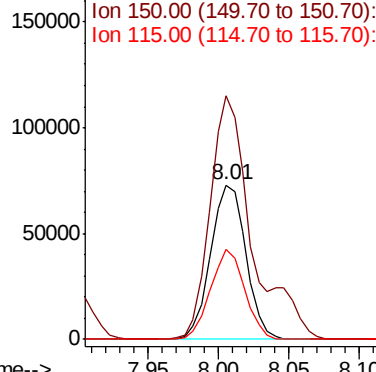


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

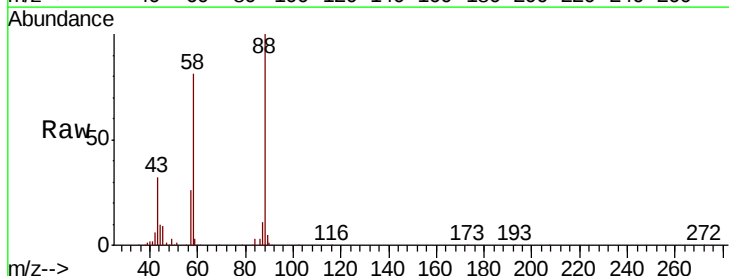
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.815 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	62.2	93.4
43	31.1	24.3	36.5

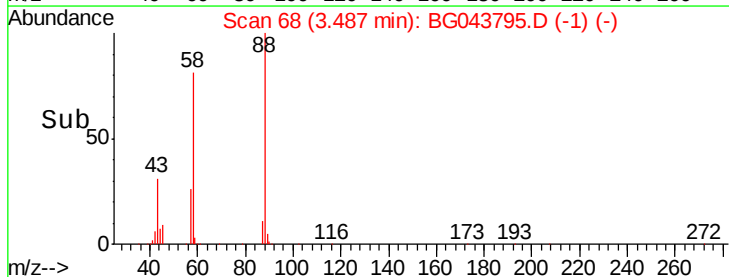
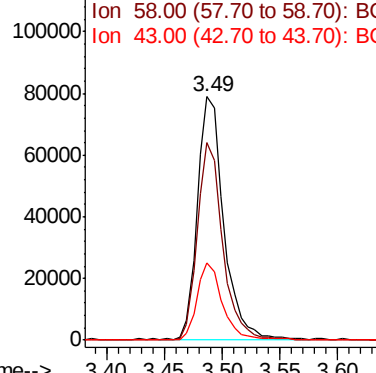


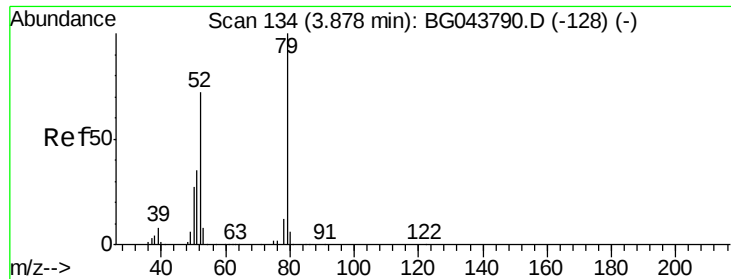
Abundance

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: 43.585 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

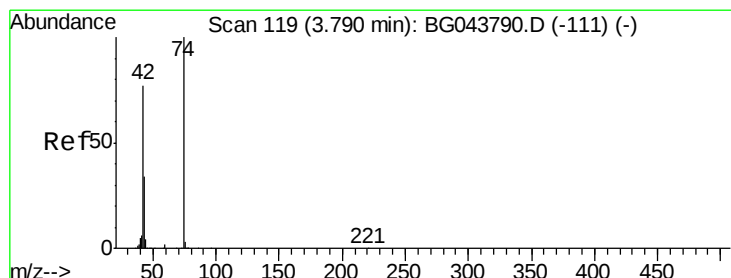
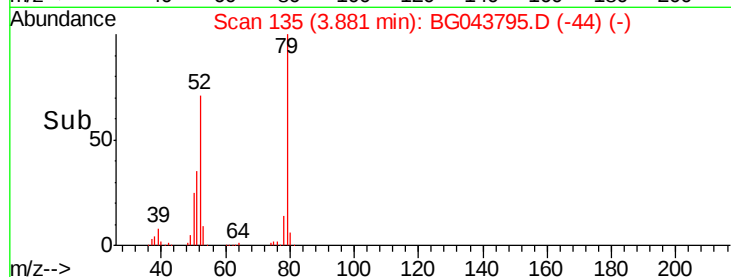
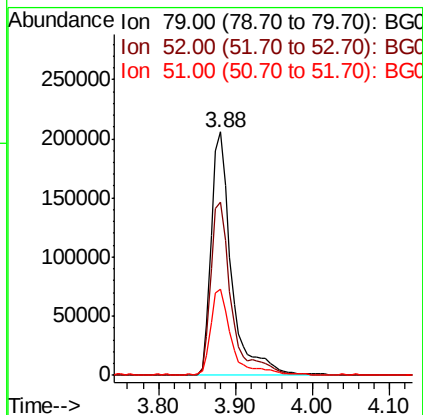
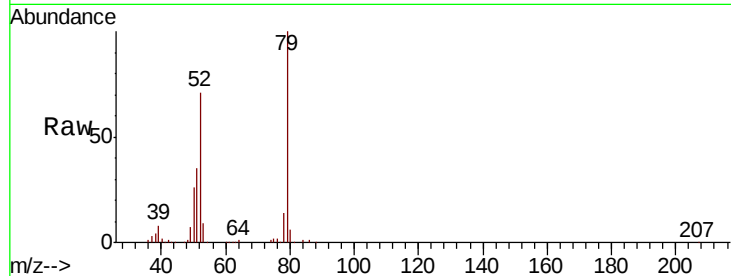
ClientSampleId :

ICVBG120919

Tot Ion:	79	Resp:	375079
Ion	Ratio	Lower	Upper
79	100		
52	71.0	57.6	86.4
51	35.3	27.8	41.8

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#4

n-Nitrosodimethylamine

Concen: 39.703 ng

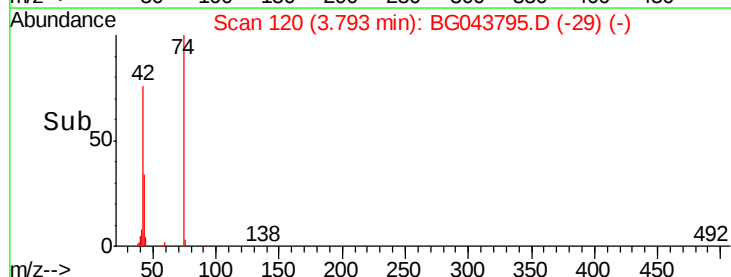
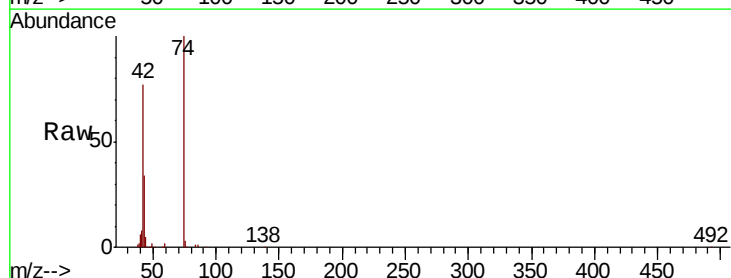
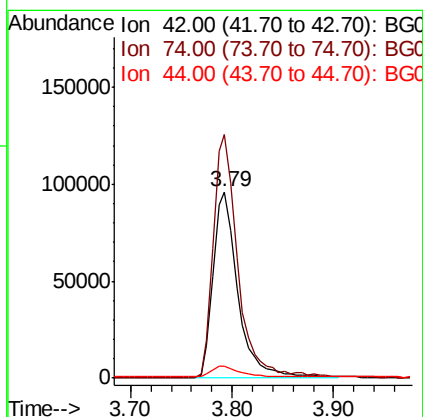
RT: 3.79 min Scan# 120

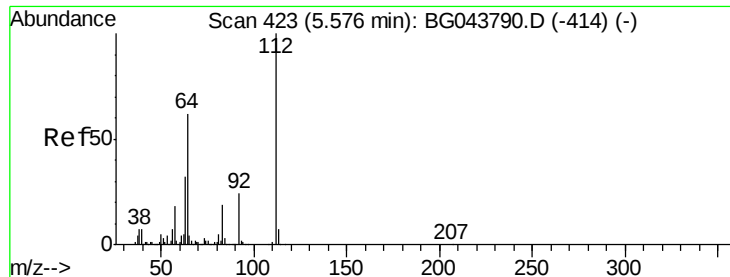
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:	42	Resp:	163817
Ion	Ratio	Lower	Upper
42	100		
74	130.6	104.2	156.4
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 81.882 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

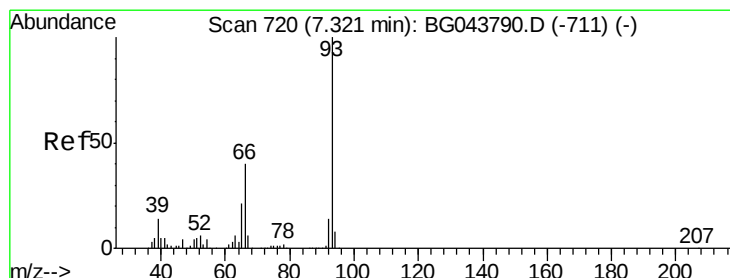
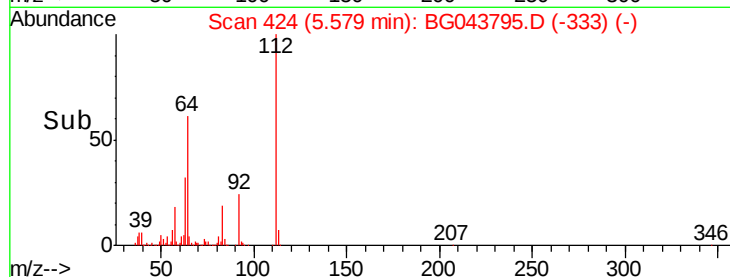
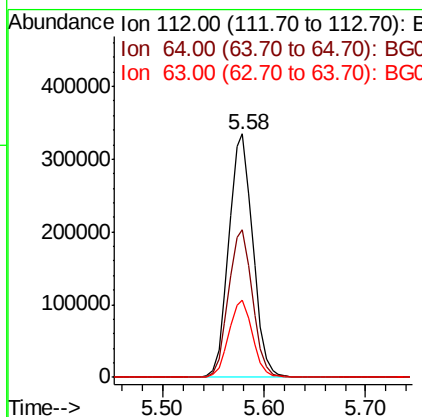
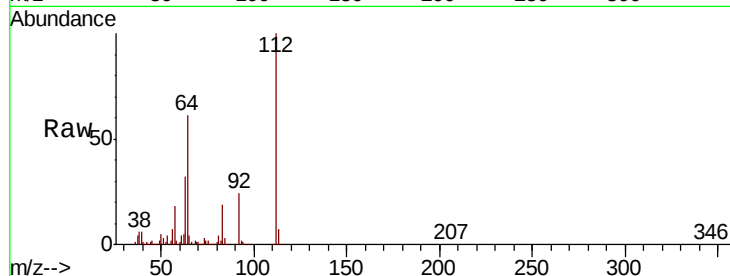
ClientSampleId :

ICVBG120919

Tot Ion	Ratio	Resp	Lower	Upper
112	100	550657		
64	60.5	49.9	74.9	
63	31.6	26.0	39.0	

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#6

Aniline

Concen: 39.874 ng

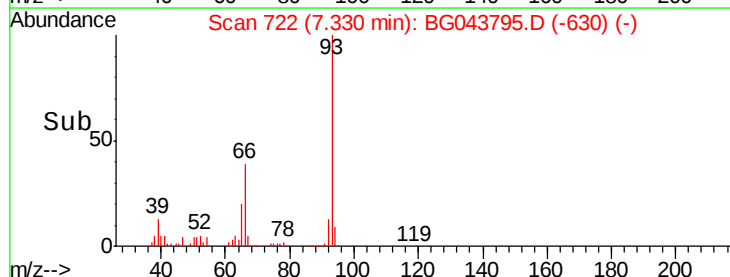
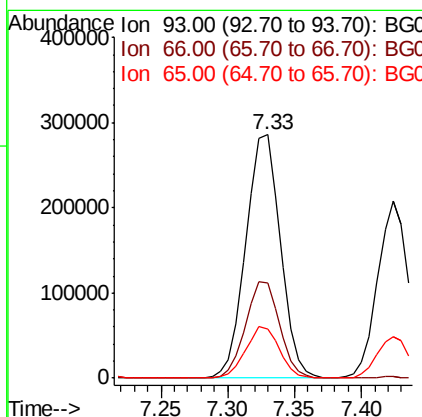
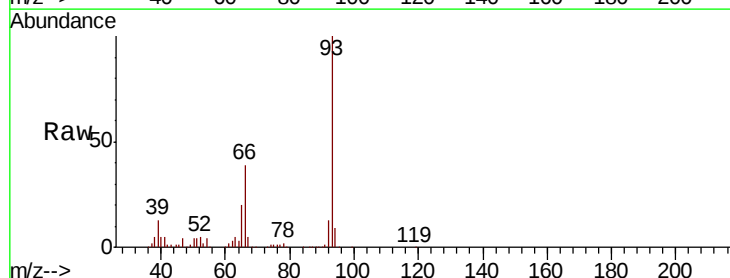
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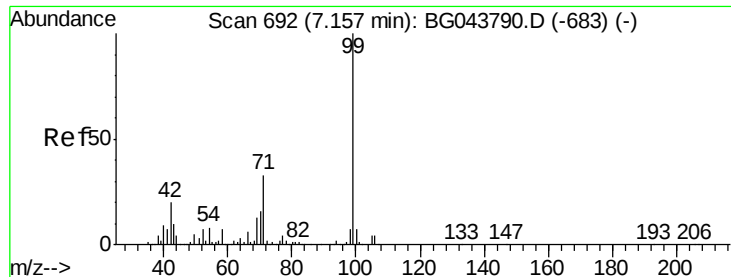
Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	511705		
66	38.9	31.9	47.9	
65	20.0	16.8	25.2	





#7

Phenol-d6

Concen: 80.513 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

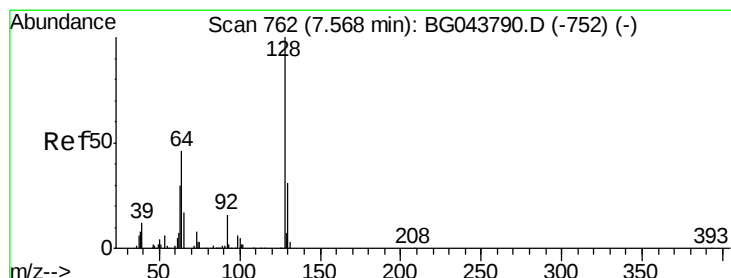
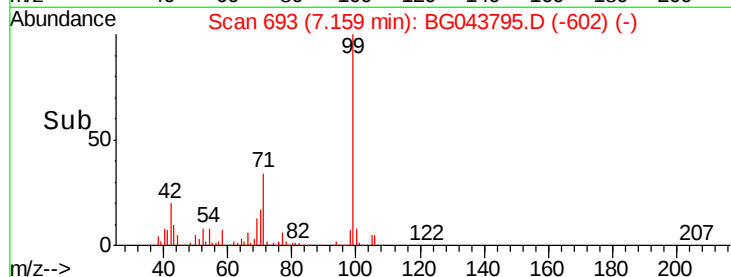
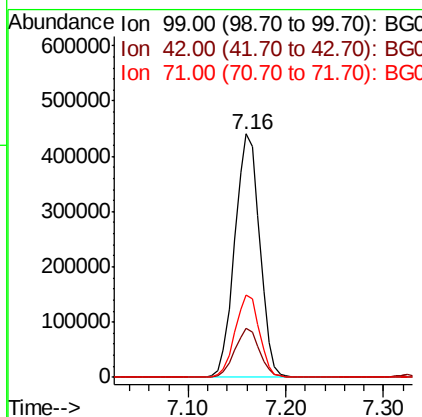
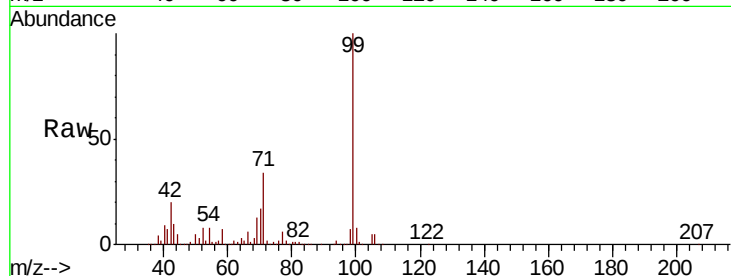
ClientSampleId :

ICVBG120919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		780871		
42	20.3	16.2	24.2		
71	33.7	26.6	40.0		

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#8

2-Chlorophenol

Concen: 39.653 ng

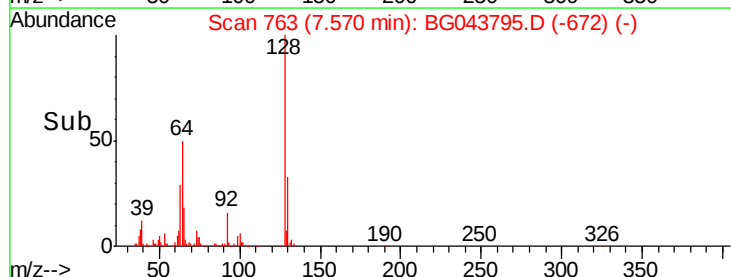
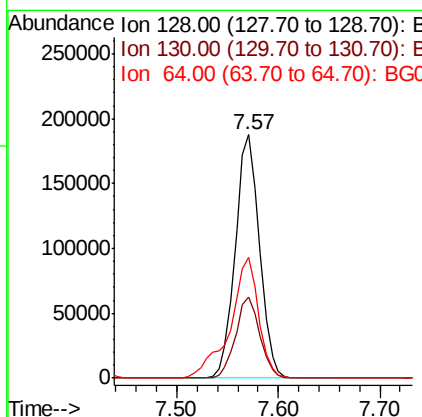
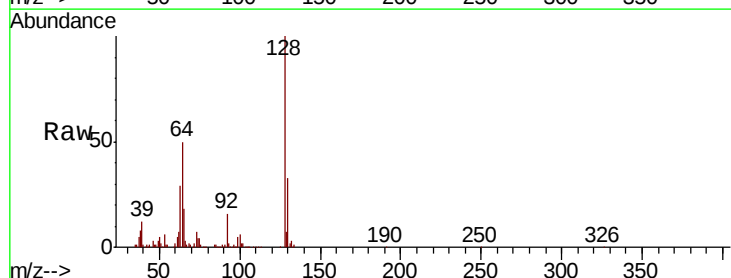
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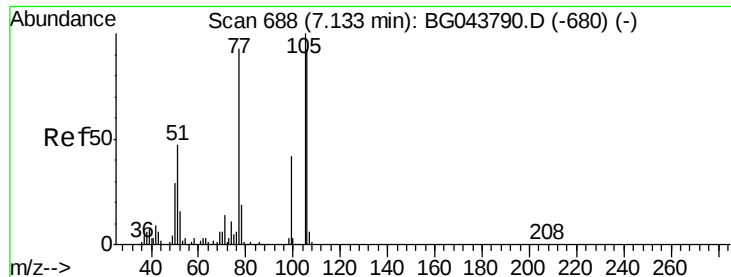
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		310764		
130	33.3	11.1	51.1		
64	49.7	26.5	66.5		





#9

Benzaldehyde

Concen: 41.921 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

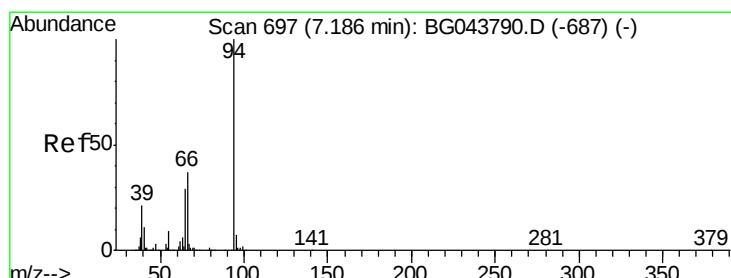
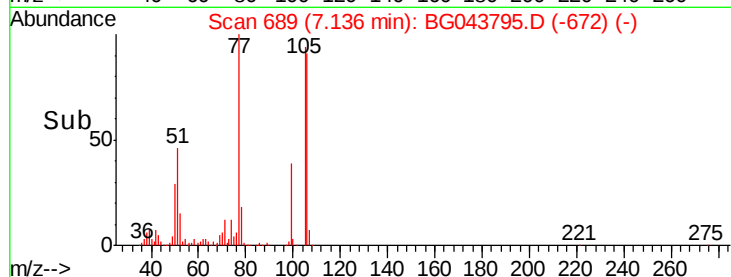
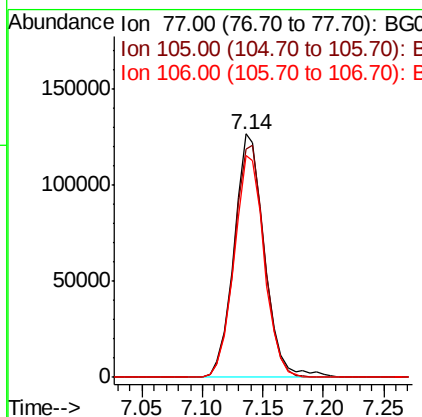
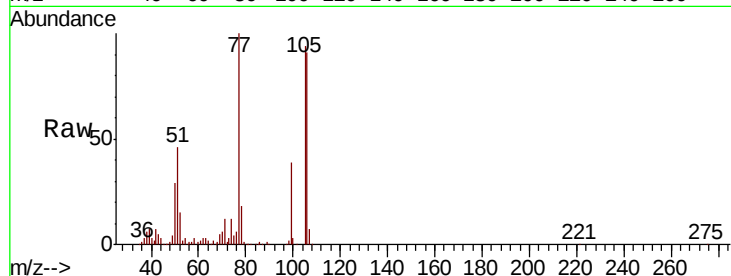
ClientSampleId :

ICVBG120919

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	93.5	87.1	127.1	
106	91.3	78.2	118.2	

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#10

Phenol

Concen: 39.955 ng

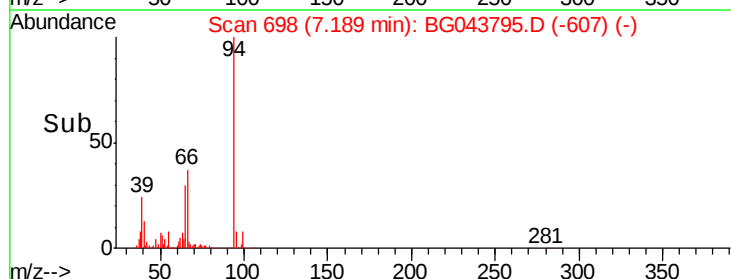
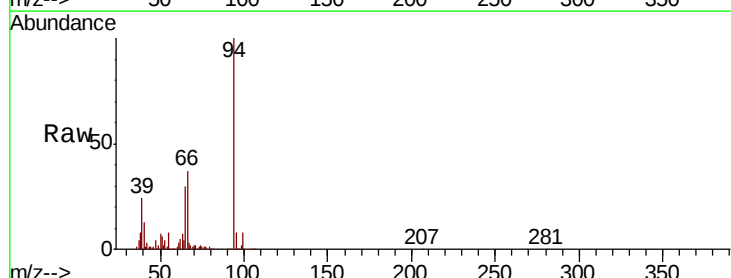
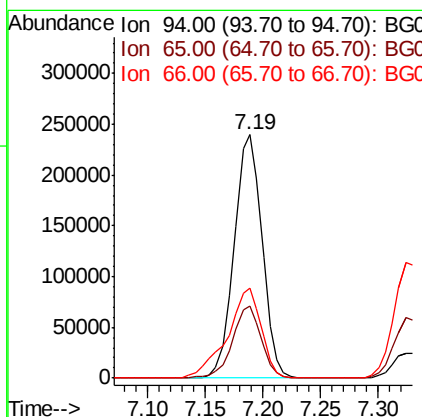
RT: 7.19 min Scan# 698

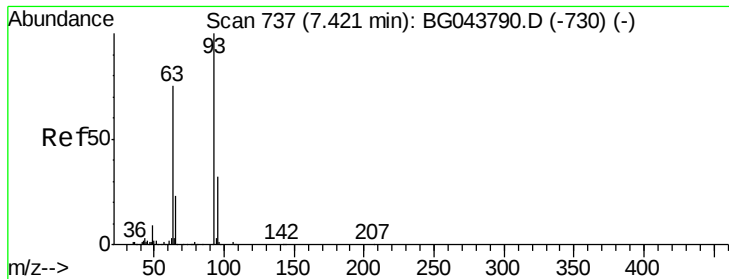
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.7	9.5	49.5	
66	36.9	16.8	56.8	





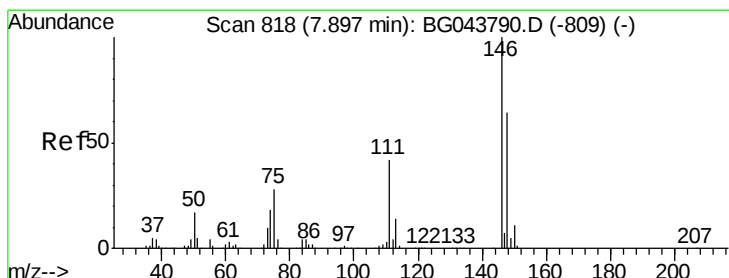
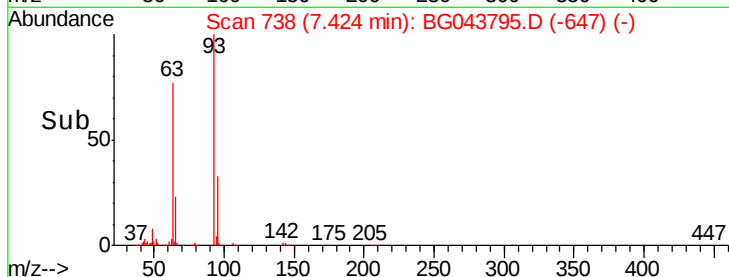
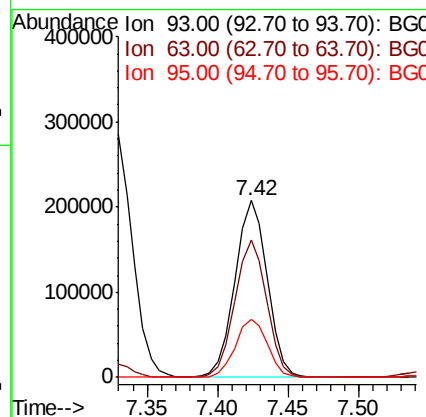
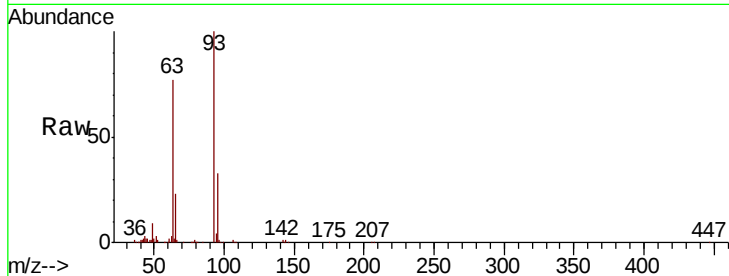
#11
bis(2-Chloroethyl)ether
Concen: 38.893 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Resp	Lower	Upper
93	100	330453		
63	77.4		54.7	94.7
95	32.9		11.3	51.3

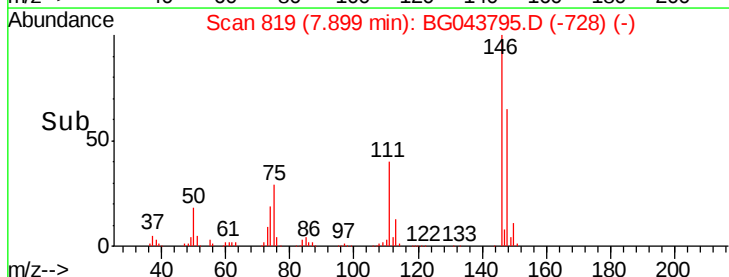
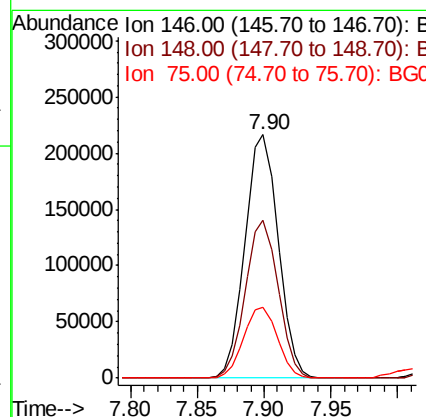
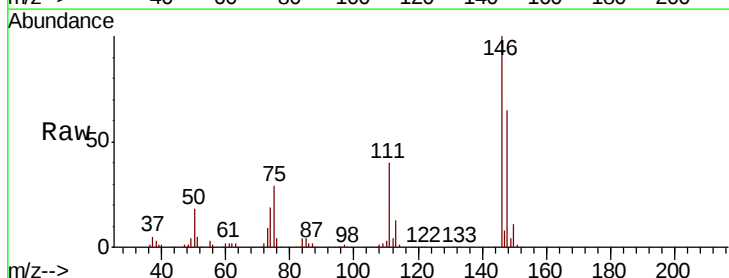
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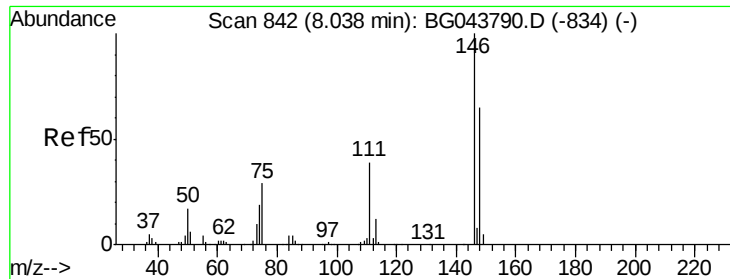
mohammad
12/10/2019 11:51:11 AM



#12
1,3-Dichlorobenzene
Concen: 39.618 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	372085		
148	65.0		51.4	77.2
75	29.2		22.4	33.6





#13

1,4-Dichlorobenzene

Concen: 38.979 ng

RT: 8.04 min Scan# 843

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

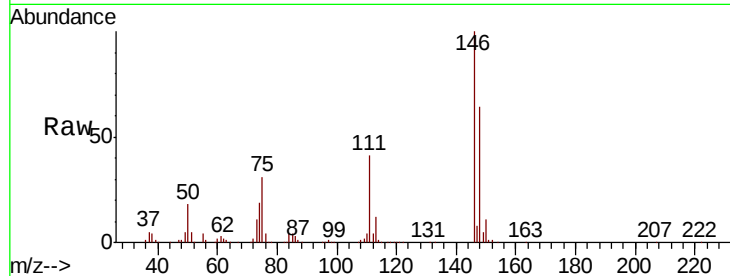
ClientSampleId :

ICVBG120919

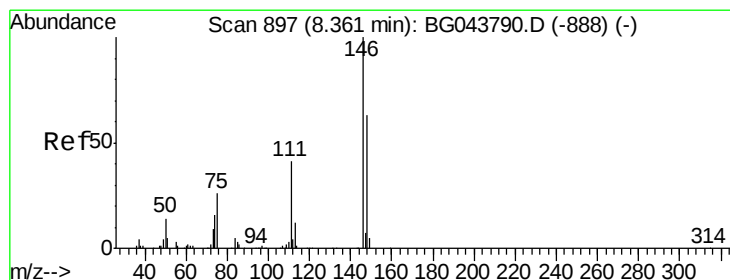
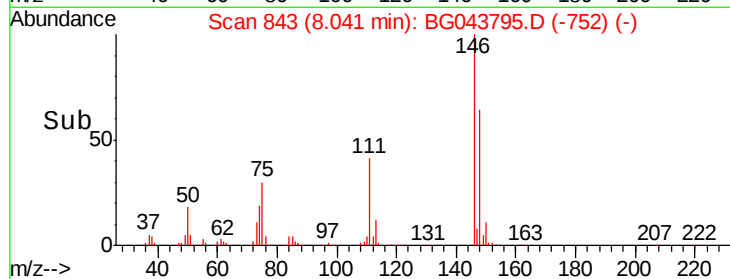
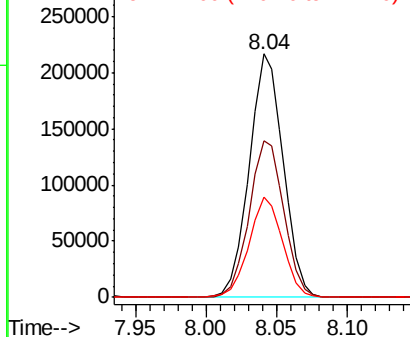
Tot Ion:	146	Resp:	365923
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
111	41.1	31.4	47.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.139 ng

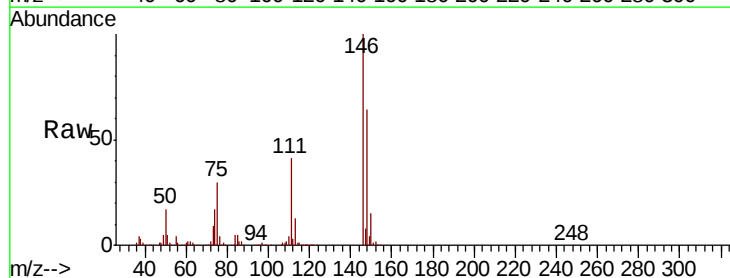
RT: 8.36 min Scan# 898

Delta R.T. 0.00 min

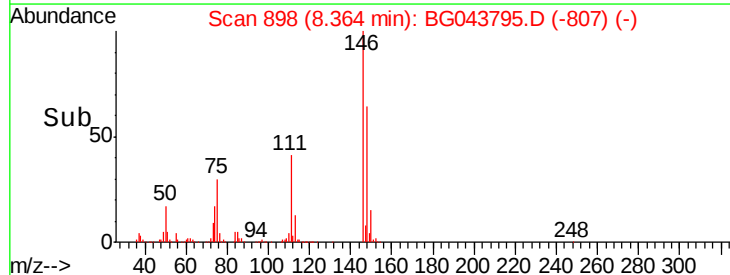
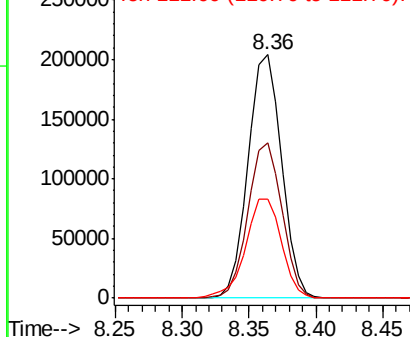
Lab File: BG043795.D

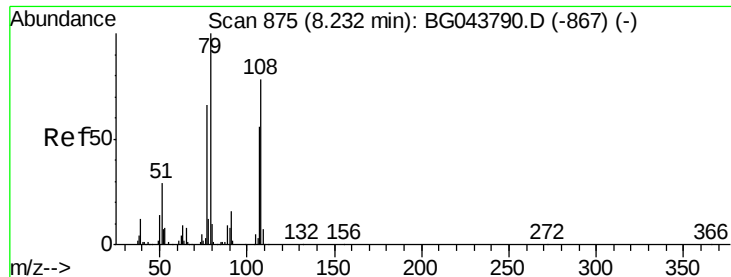
Acq: 9 Dec 2019 18:07

Tgt Ion:	146	Resp:	354007
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.2	75.2
111	40.8	33.4	50.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.536 ng

RT: 8.23 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

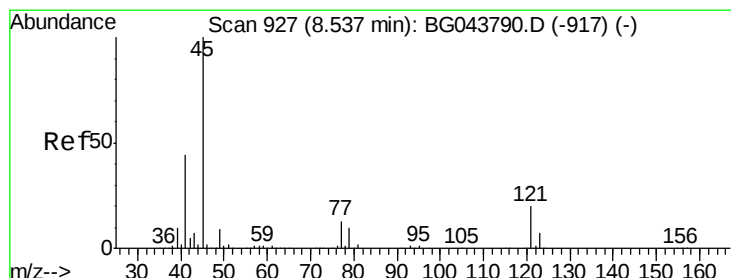
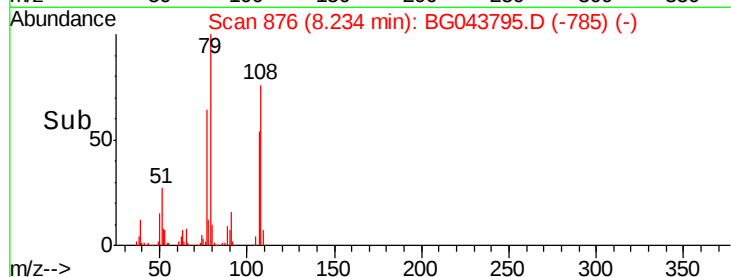
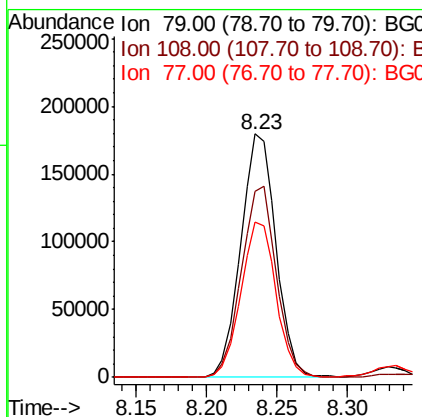
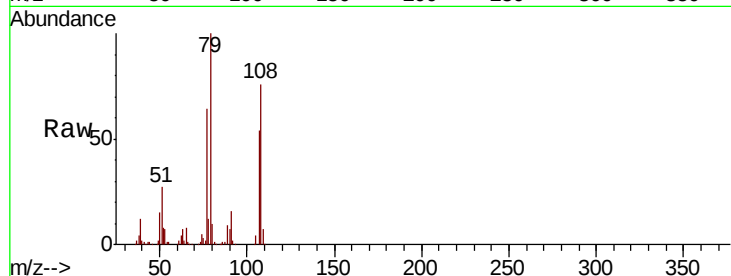
ClientSampleId :

ICVBG120919

Tot Ion:	79	Resp:	312873
Ion Ratio	Lower	Upper	
79	100		
108	76.2	62.2	93.2
77	64.0	52.8	79.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.116 ng

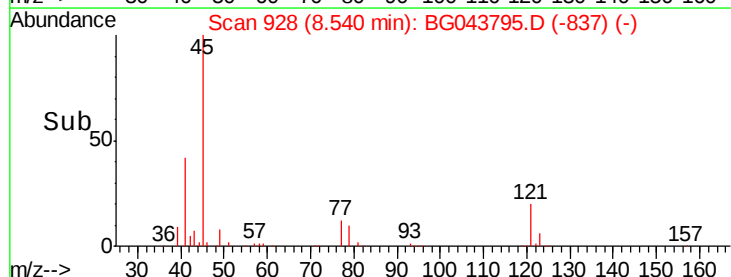
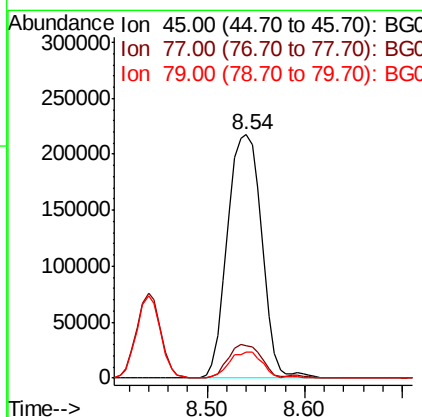
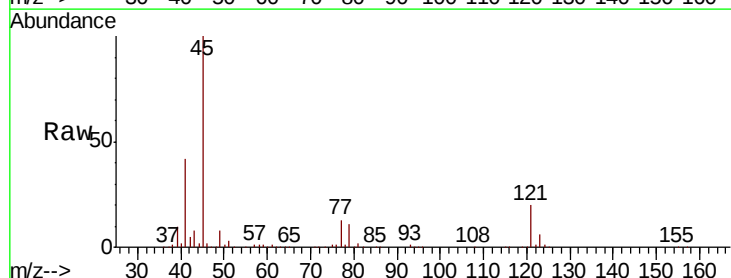
RT: 8.54 min Scan# 928

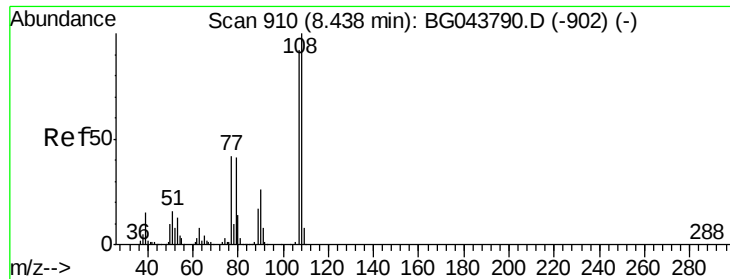
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:	45	Resp:	532654
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	33.6
79	10.6	0.0	29.9





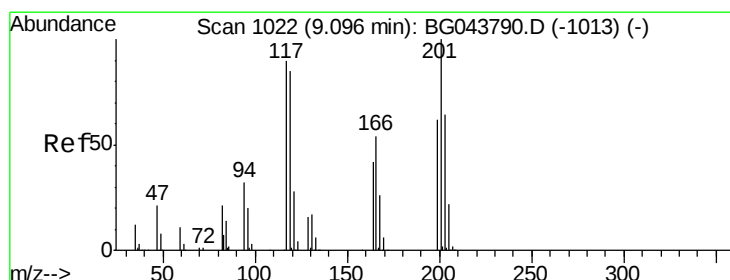
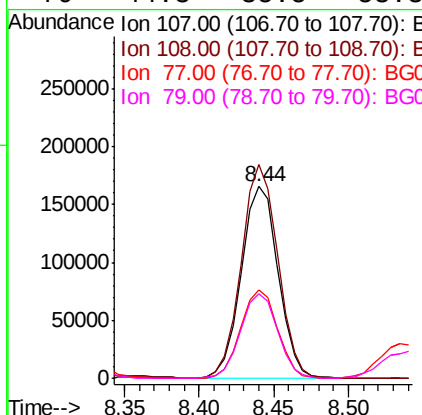
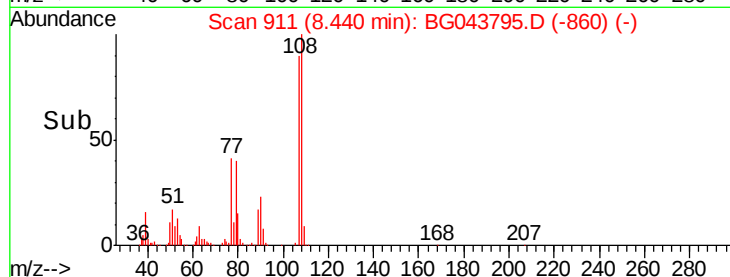
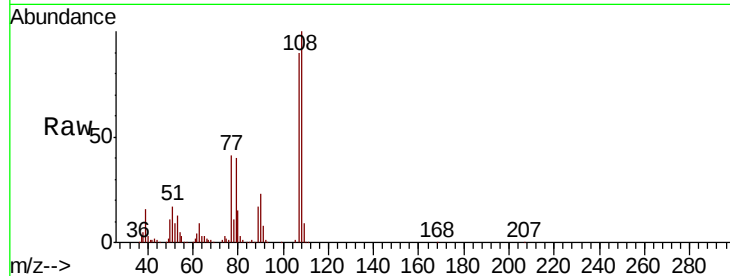
#17
2-Methylphenol
Concen: 39.646 ng
RT: 8.44 min Scan# 911
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion:	107	Resp:	283374
Ion Ratio	Lower	Upper	
107	100		
108	111.3	87.2	130.8
77	45.8	36.6	54.8
79	44.3	35.5	53.3

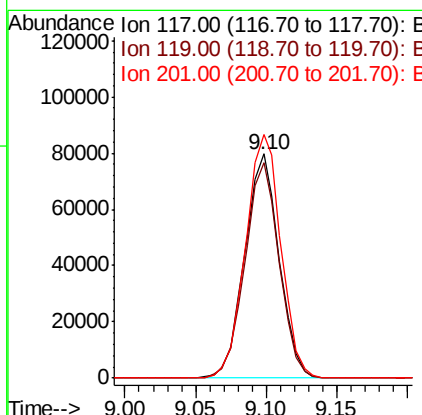
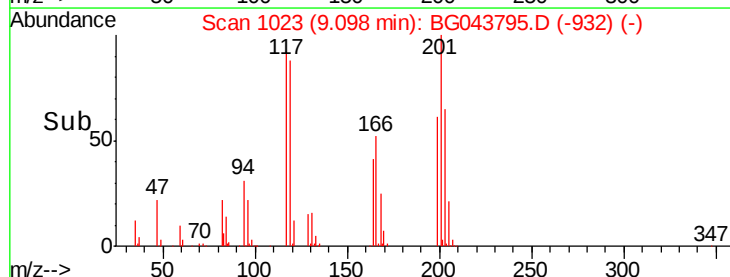
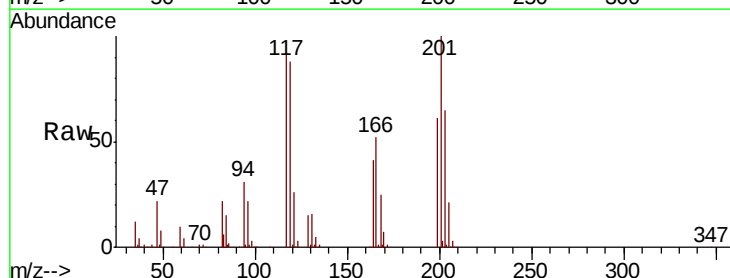
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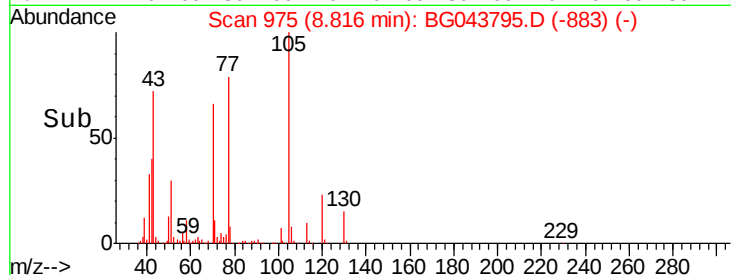
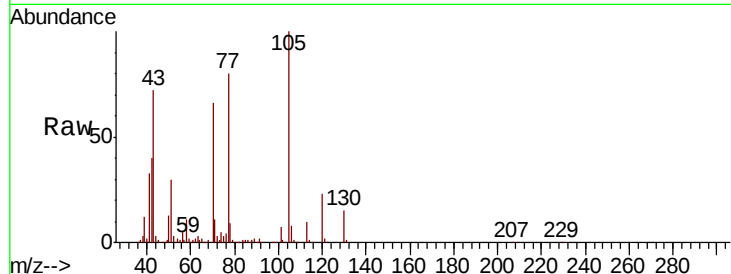
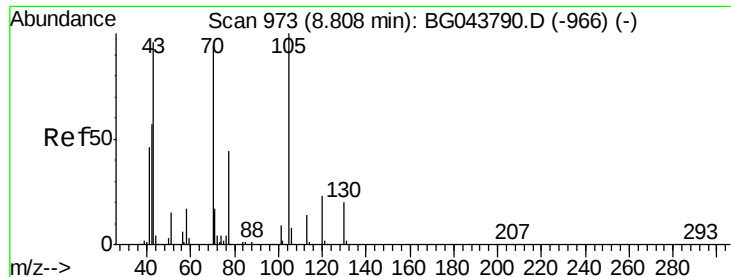
mohammad
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#18
Hexachloroethane
Concen: 39.789 ng
RT: 9.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion:	117	Resp:	135733
Ion Ratio	Lower	Upper	
117	100		
119	96.0	75.6	113.4
201	108.7	88.6	133.0





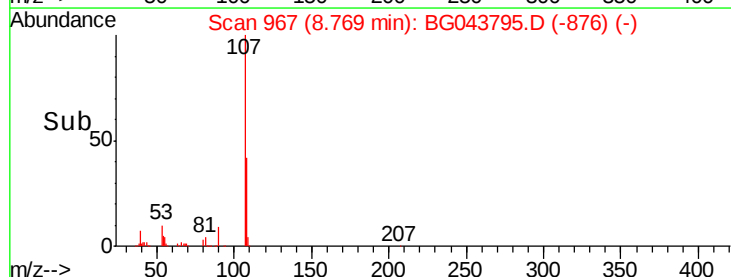
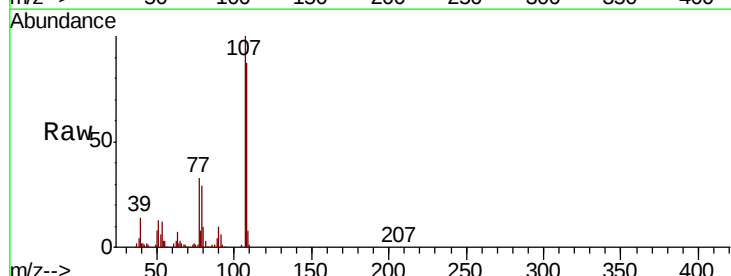
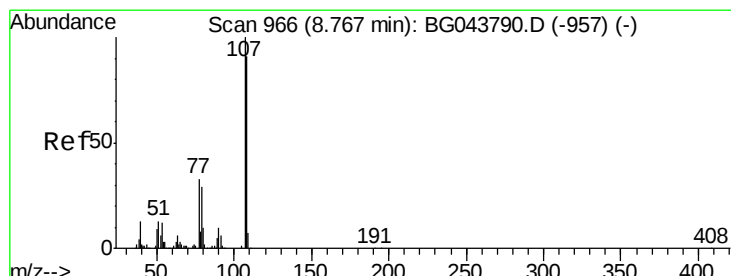
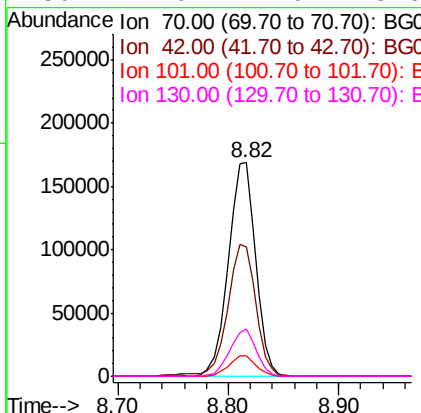
#19
n-Nitroso-di-n-propylamine
Concen: 39.415 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.4	49.2	73.8		
101	9.9	7.8	11.6		
130	22.0	17.0	25.6		

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

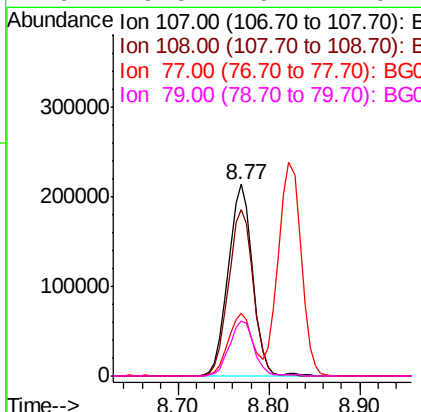
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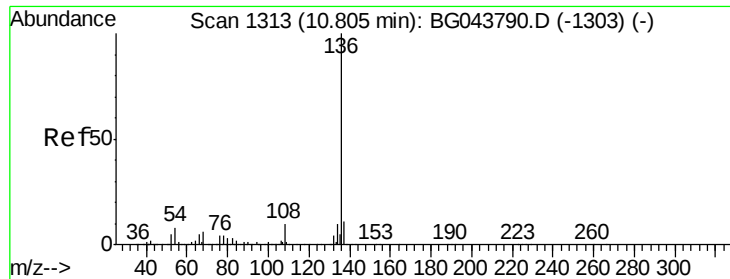
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#20
3+4-Methylphenols
Concen: 40.350 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.8	70.9	110.9		
77	32.8	12.7	52.7		
79	28.5	9.1	49.1		





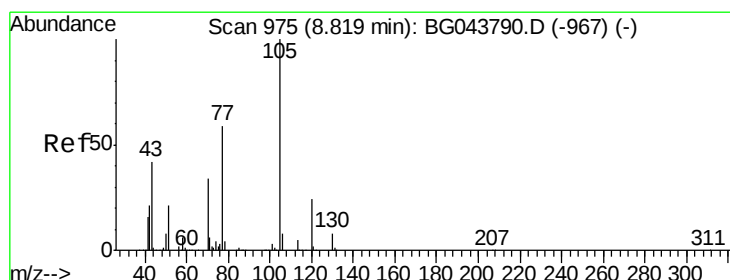
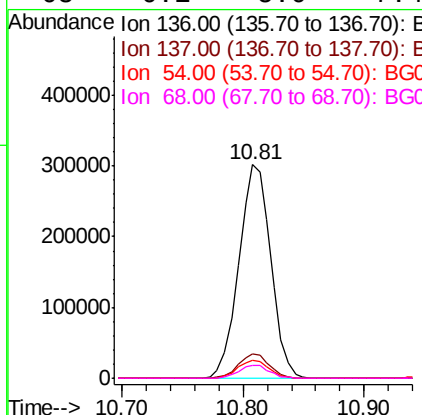
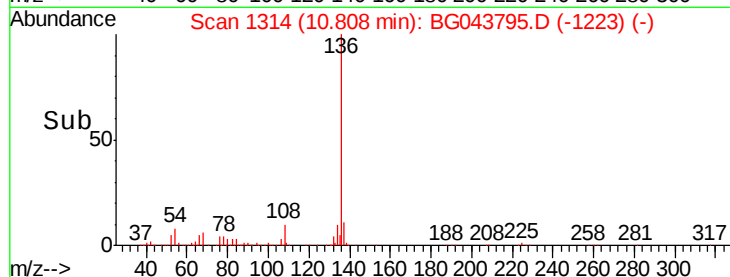
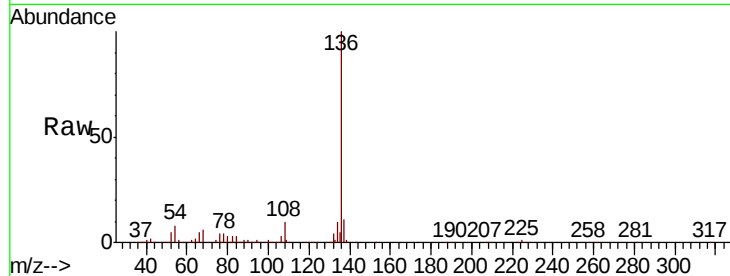
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Resp	Lower	Upper
136	100	554164		
137	11.4	8.7	13.1	
54	8.5	6.8	10.2	
68	6.1	5.0	7.4	

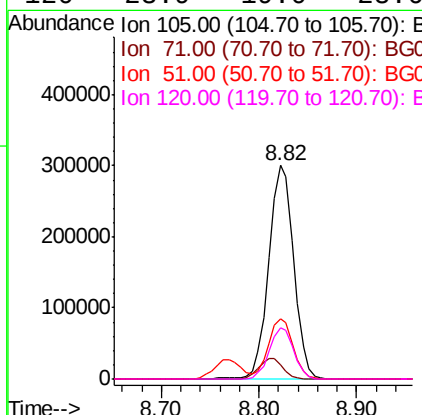
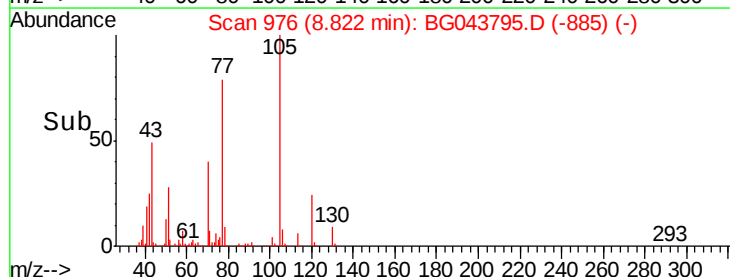
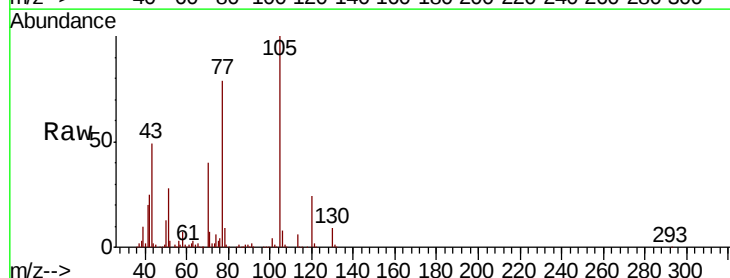
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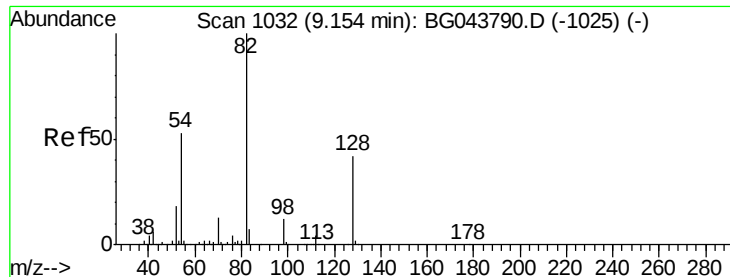
mohammad
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#22
Acetophenone
Concen: 38.883 ng
RT: 8.82 min Scan# 976
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	537376		
71	6.7	4.9	7.3	
51	28.2	22.2	33.4	
120	23.9	19.0	28.6	





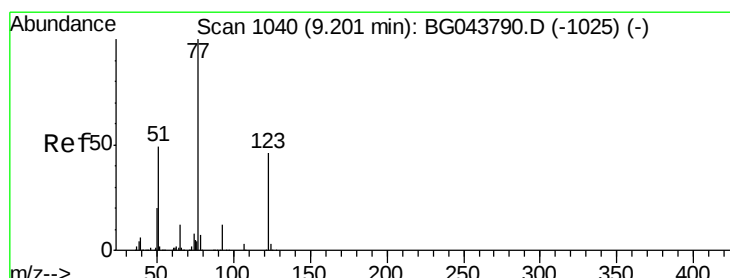
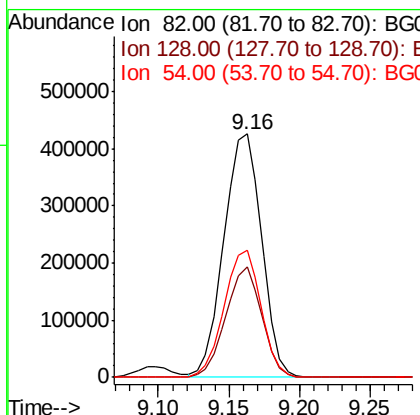
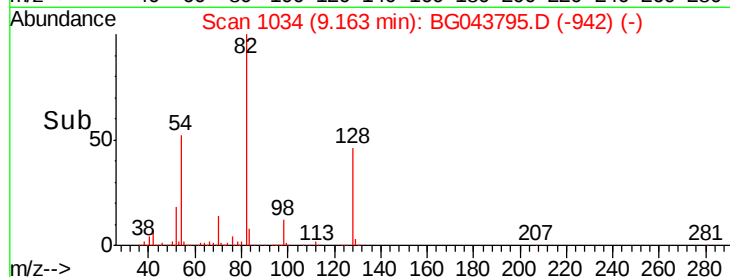
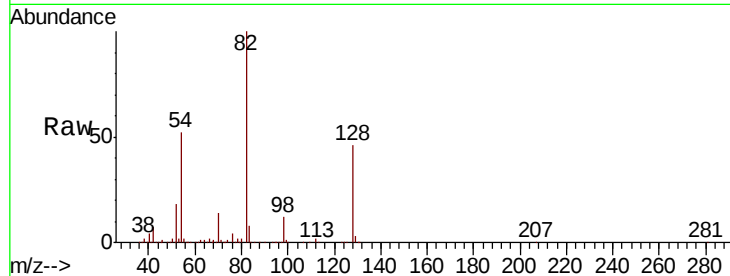
#23
 Nitrobenzene-d5
 Concen: 80.200 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120919

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.6	50.4
54	52.4	42.1	63.1

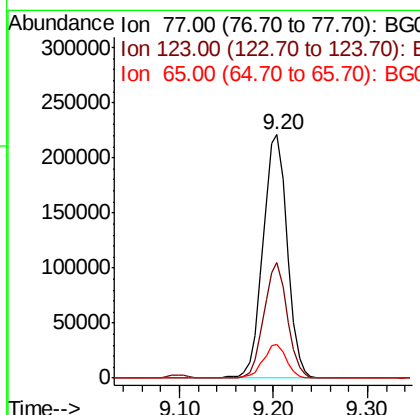
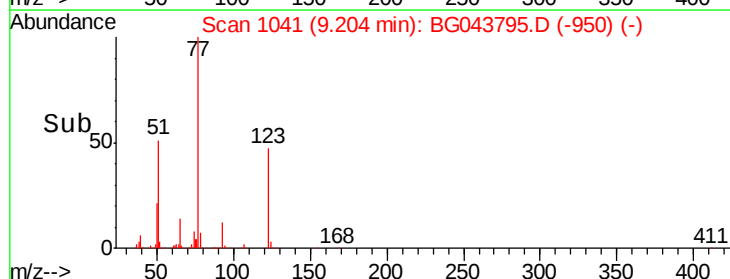
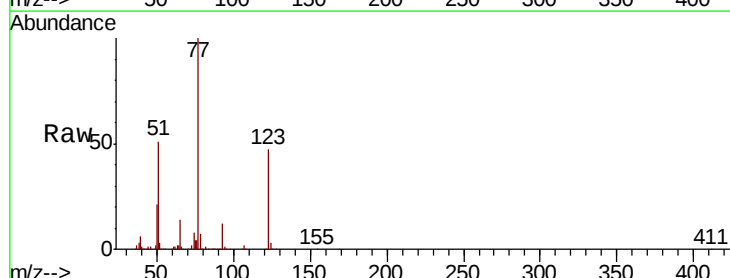
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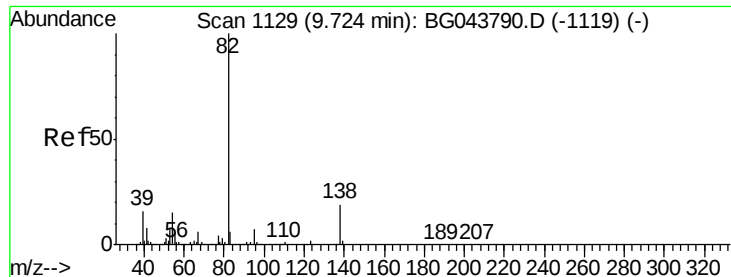
mohammad
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#24
 Nitrobenzene
 Concen: 39.109 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	36.6	55.0
65	13.8	9.8	14.6





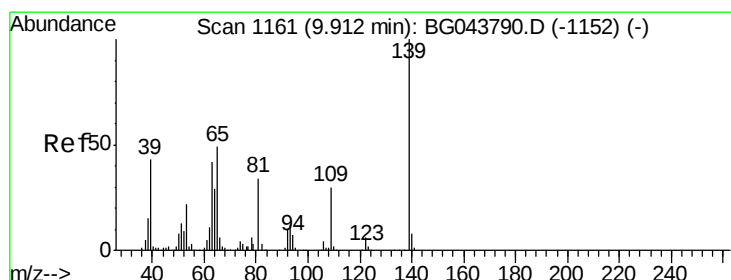
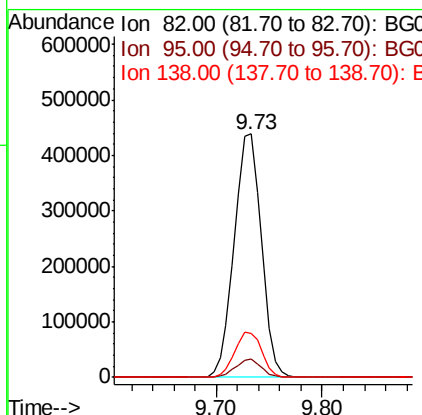
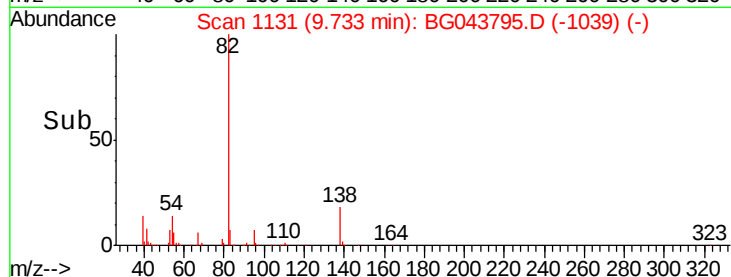
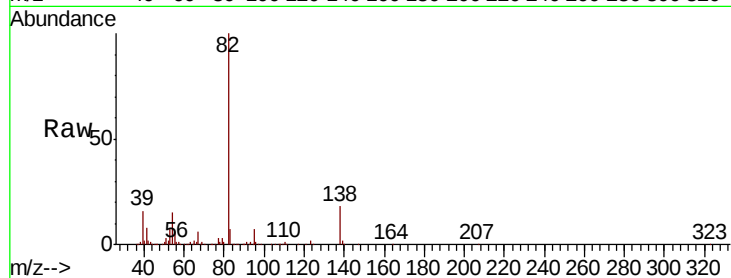
#25
Isophorone
Concen: 39.414 ng
RT: 9.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.6	8.4
138	18.0	14.8	22.2

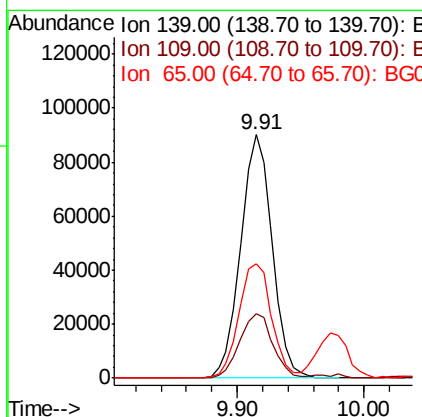
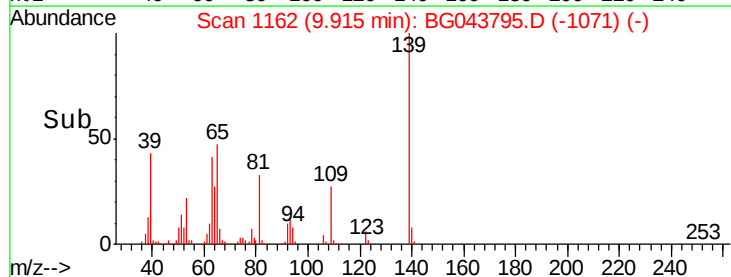
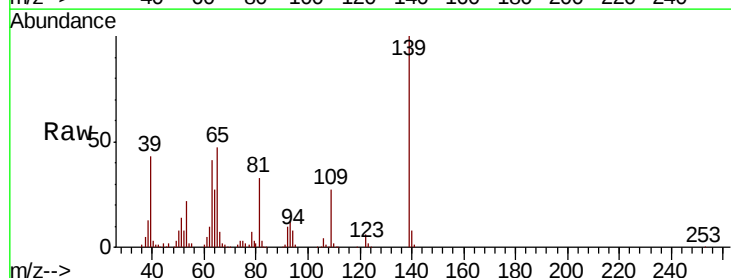
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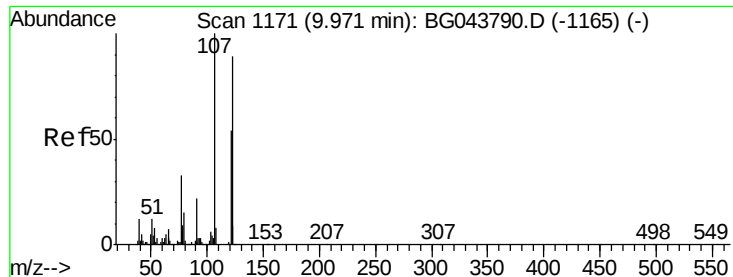
mohammad
12/10/2019 11:51:11 AM



#26
2-Nitrophenol
Concen: 41.022 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.7	23.9	35.9
65	47.2	39.3	58.9





#27

2,4-Dimethylphenol

Concen: 40.315 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

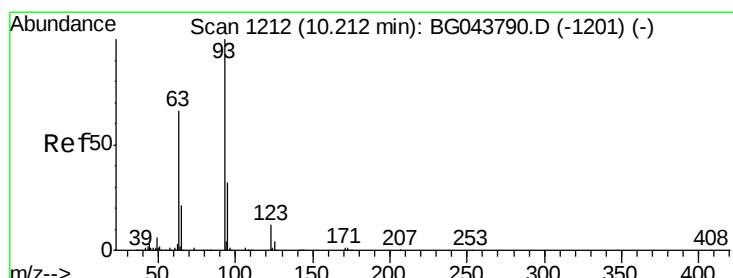
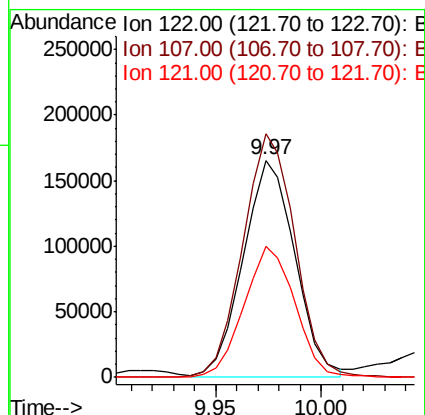
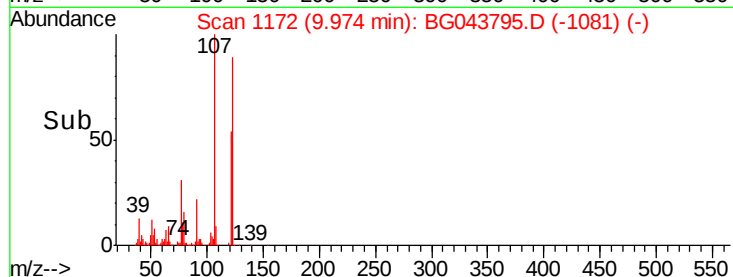
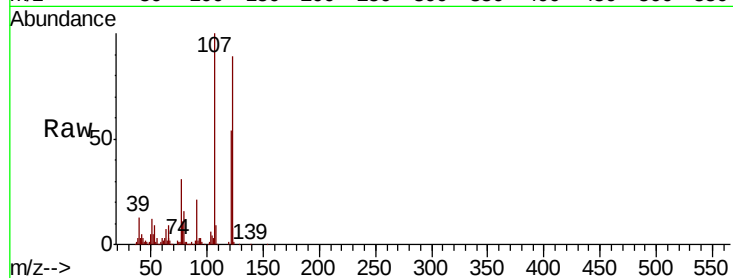
ClientSampleId :

ICVBG120919

Tot Ion:	122	Resp:	280817
Ion Ratio	Lower	Upper	
122	100		
107	112.1	90.0	135.0
121	60.3	48.6	73.0

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#28

bis(2-Chloroethoxy)methane

Concen: 38.751 ng

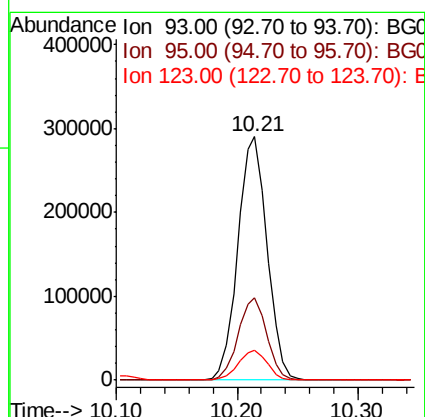
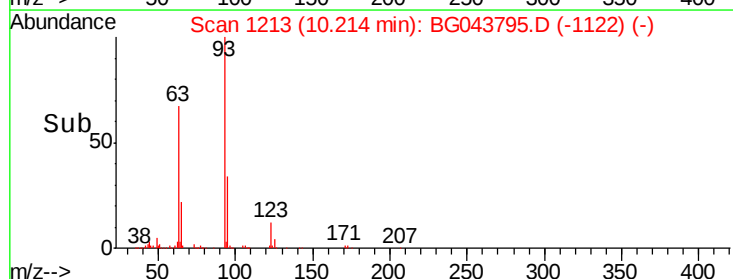
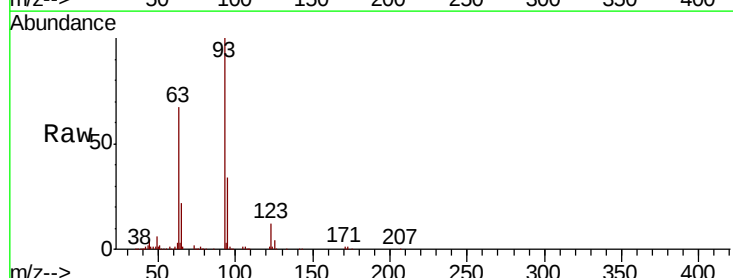
RT: 10.21 min Scan# 1213

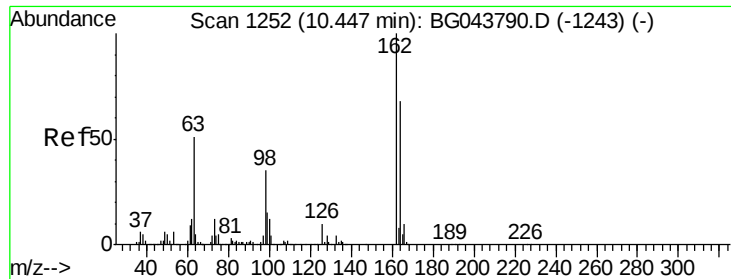
Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:	93	Resp:	488940
Ion Ratio	Lower	Upper	
93	100		
95	34.1	25.7	38.5
123	12.2	9.5	14.3





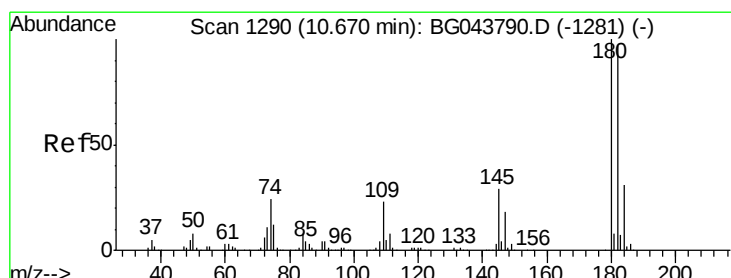
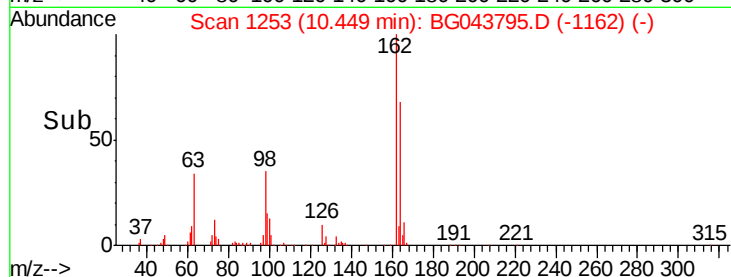
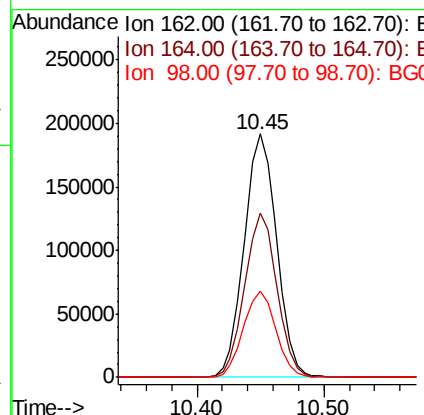
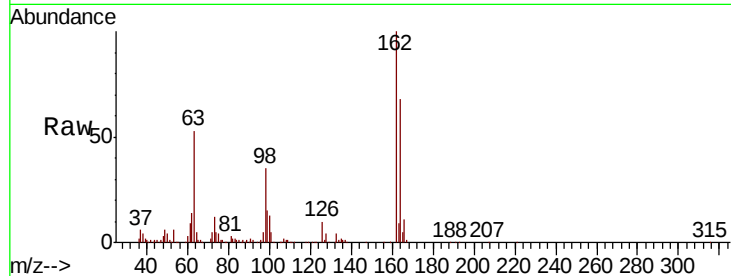
#29
2,4-Dichlorophenol
Concen: 39.994 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	48.0	88.0
98	35.2	14.9	54.9

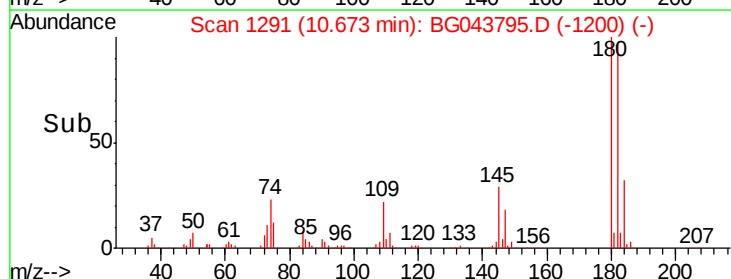
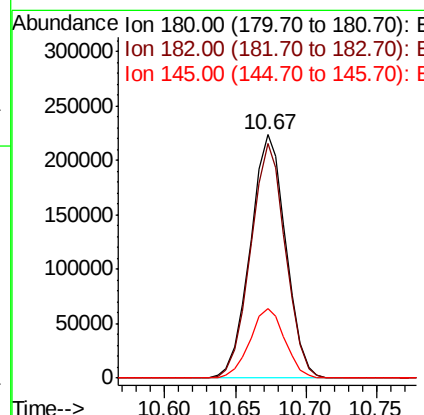
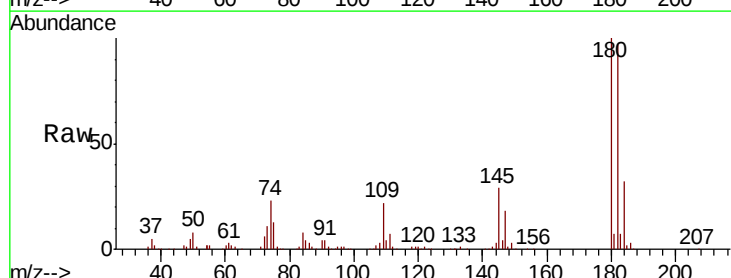
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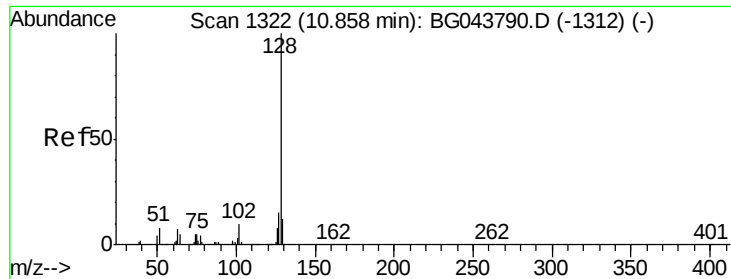
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#30
1,2,4-Trichlorobenzene
Concen: 38.867 ng
RT: 10.67 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.8	116.8
145	28.7	23.0	34.6





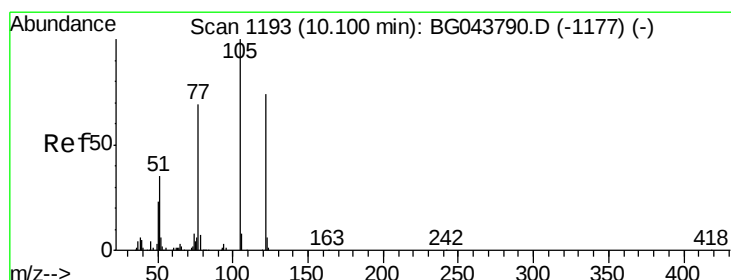
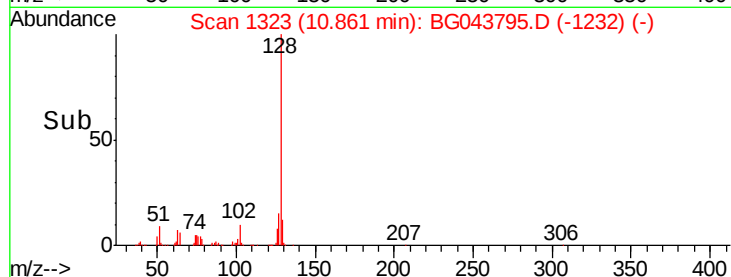
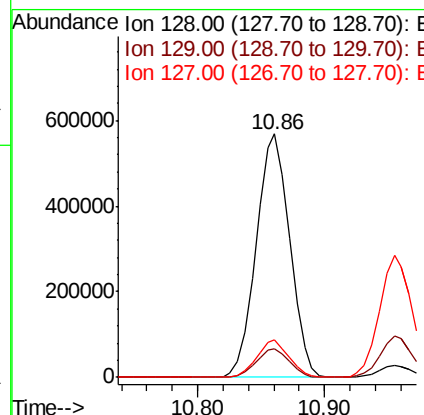
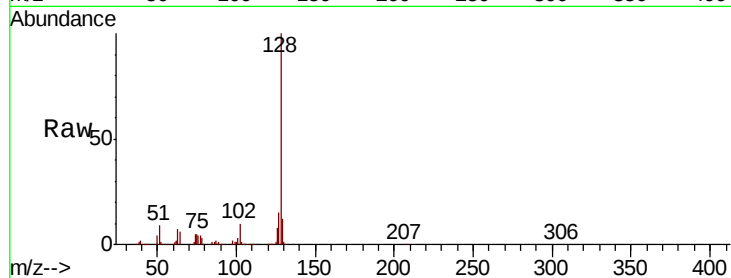
#31
Naphthalene
Concen: 39.281 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	15.2	11.9	17.9

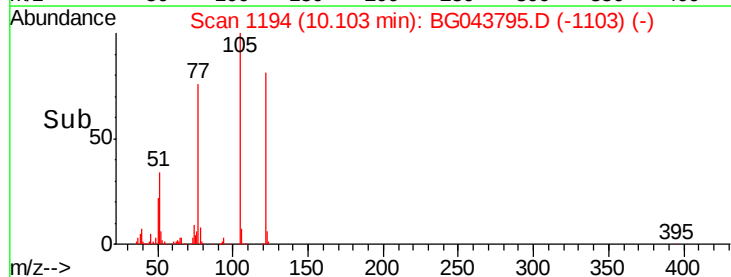
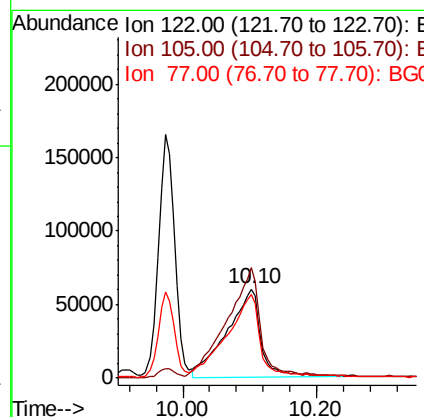
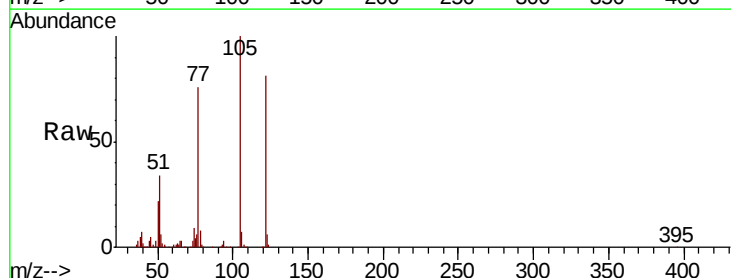
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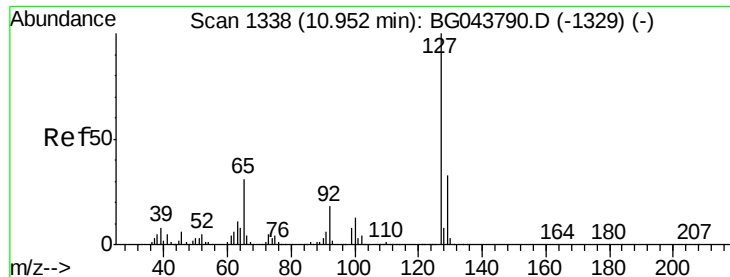
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#32
Benzoic acid
Concen: 44.530 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.3	107.5	147.5
77	94.3	71.7	111.7





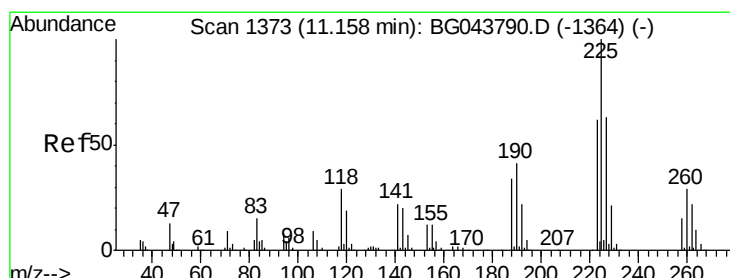
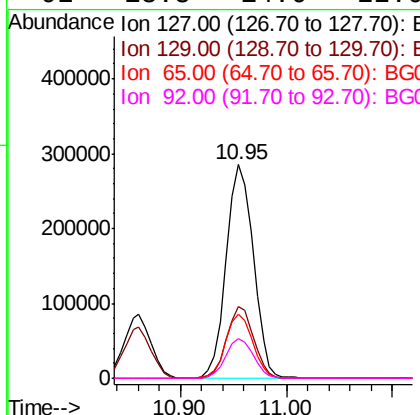
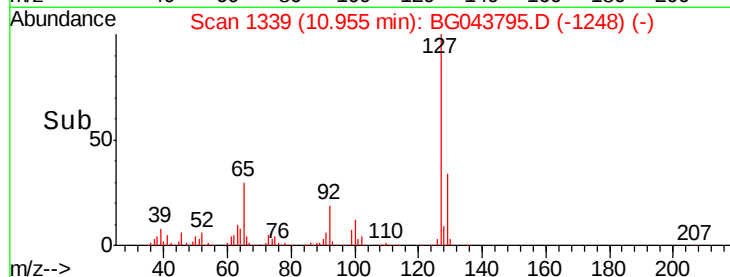
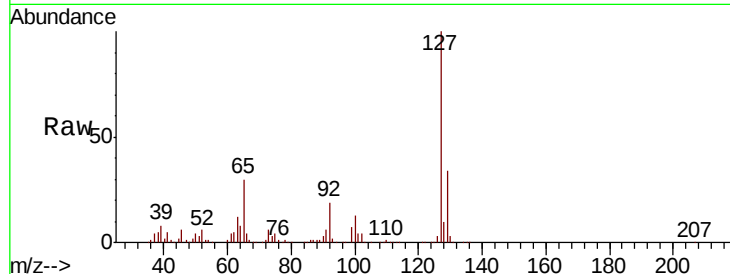
#33
4-Chloroaniline
Concen: 39.358 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	26.1	39.1		
65	30.0	24.4	36.6		
92	18.8	14.6	22.0		

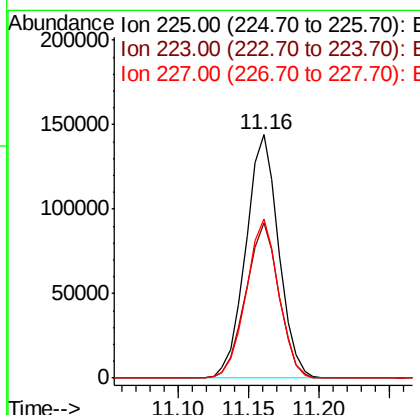
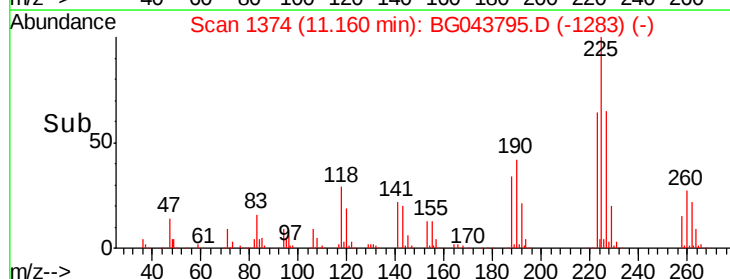
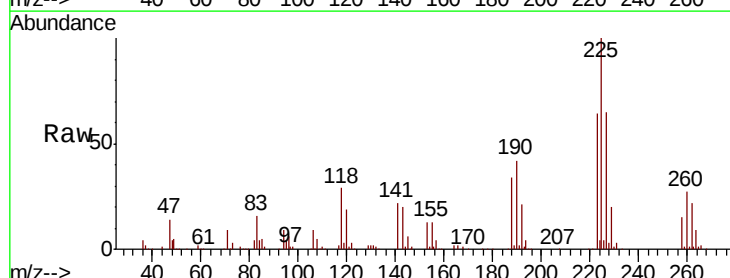
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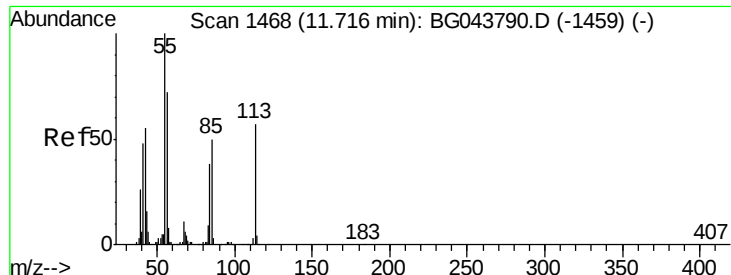
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#34
Hexachlorobutadiene
Concen: 38.299 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.3	73.9		
227	65.2	50.2	75.2		





#35

Caprolactam

Concen: 41.373 ng

RT: 11.72 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

ICVBG120919

Tot Ion:113 Resp: 138889

Ion Ratio Lower Upper

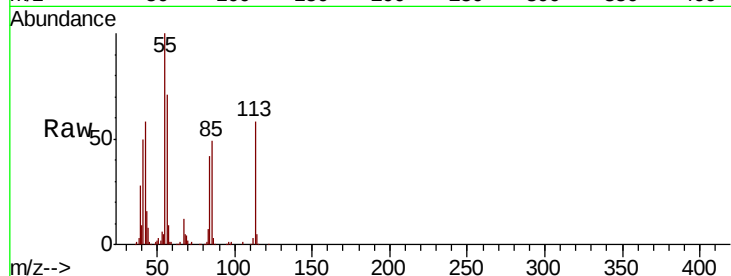
113 100

55 172.8 154.2 194.2

56 123.5 105.6 145.6

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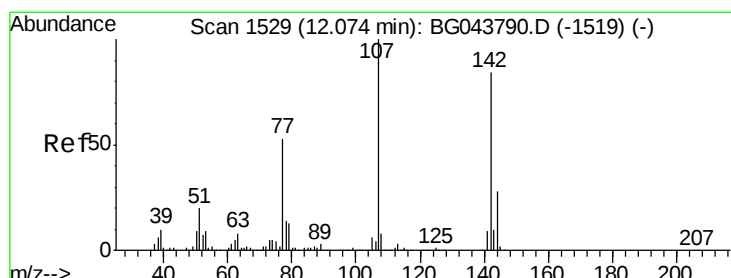
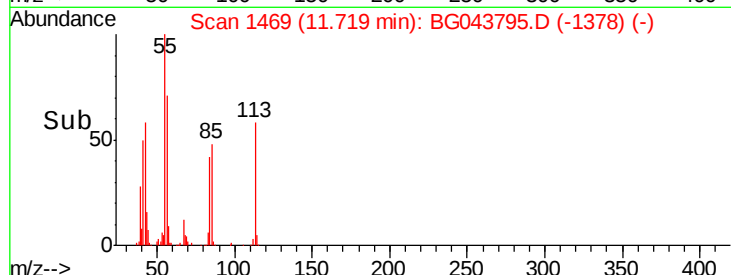
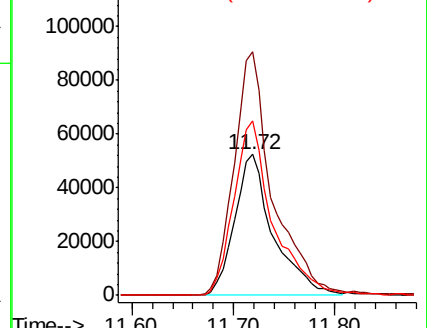
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.973 ng

RT: 12.08 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

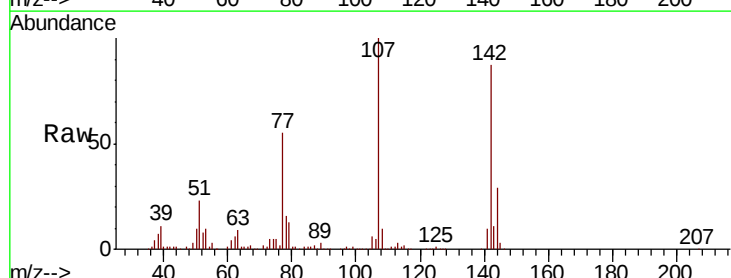
Tgt Ion:107 Resp: 368099

Ion Ratio Lower Upper

107 100

144 29.3 22.2 33.4

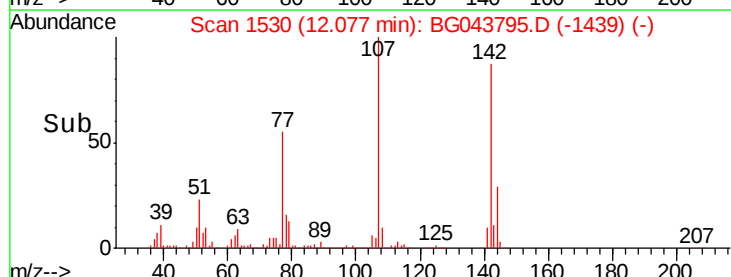
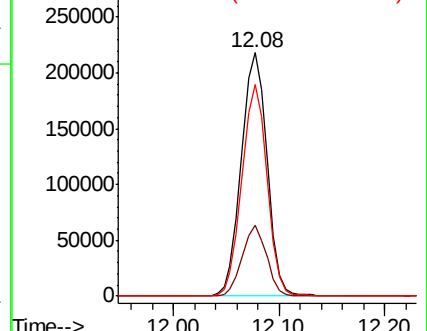
142 86.9 67.0 100.6

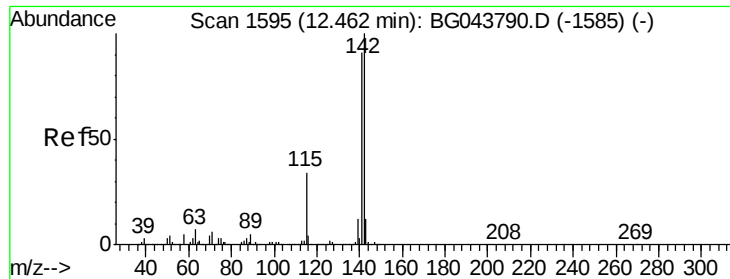


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





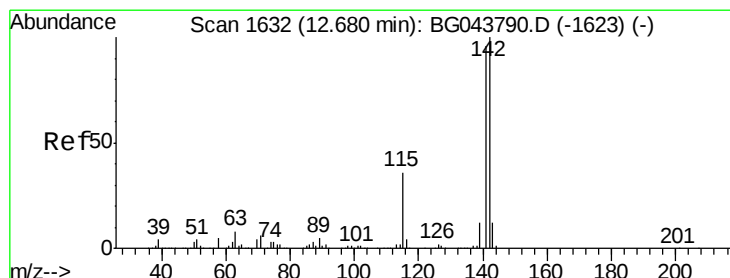
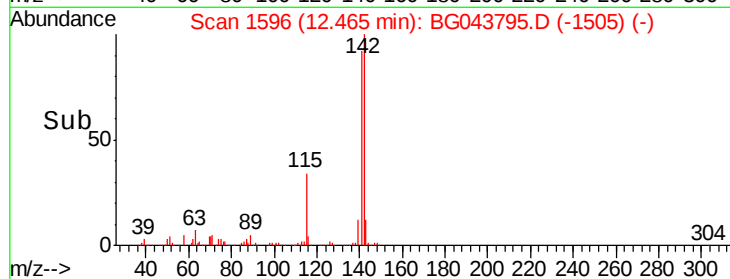
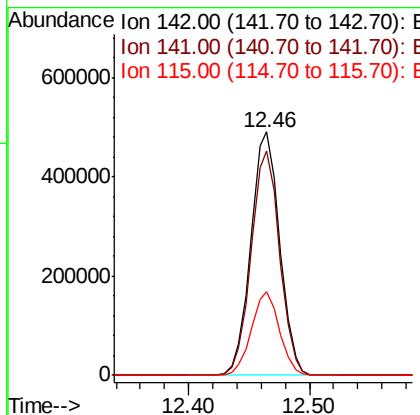
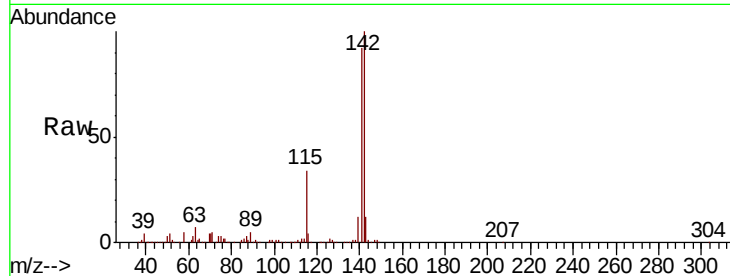
#37
2-Methylnaphthalene
Concen: 39.460 ng
RT: 12.46 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.2	109.8
115	34.1	27.3	40.9

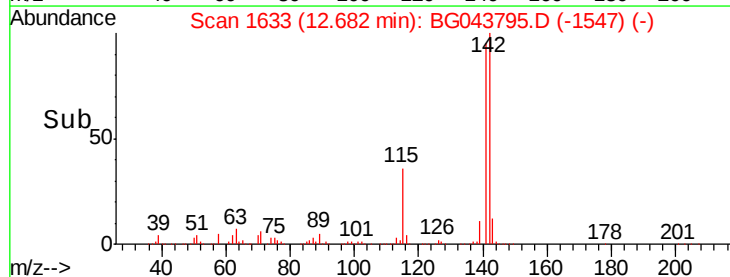
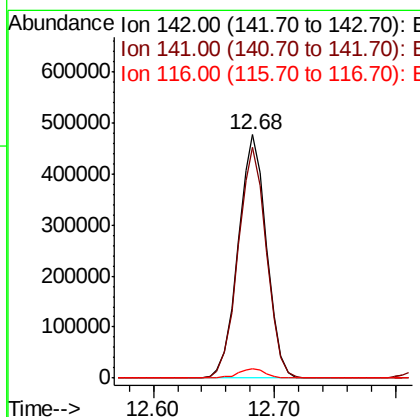
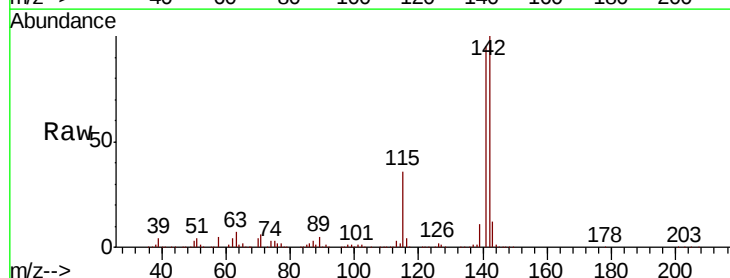
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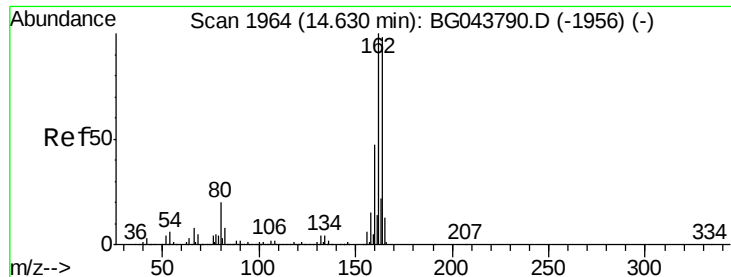
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#38
1-Methylnaphthalene
Concen: 39.558 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.9	115.3
116	4.0	3.2	4.8





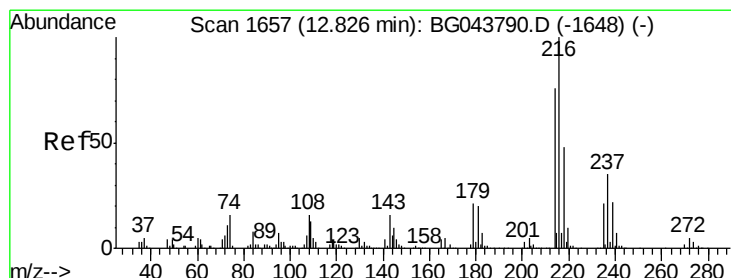
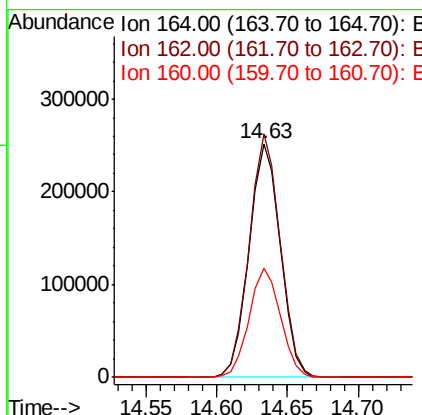
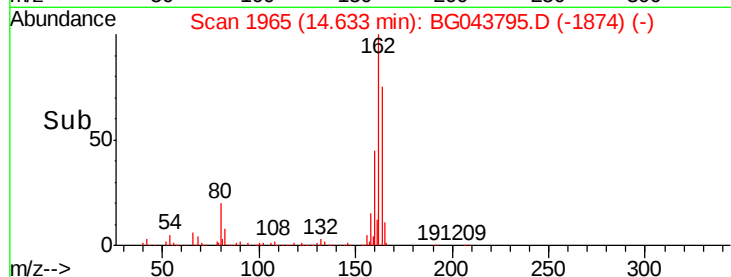
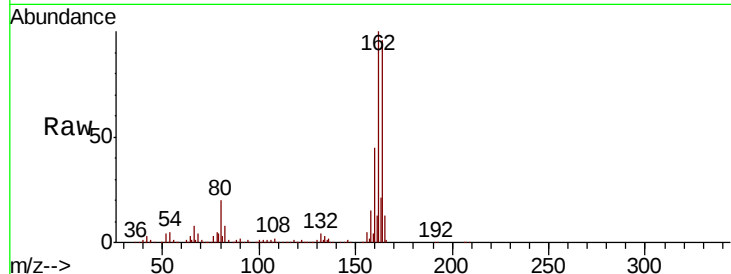
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.9	122.9
160	46.6	38.3	57.5

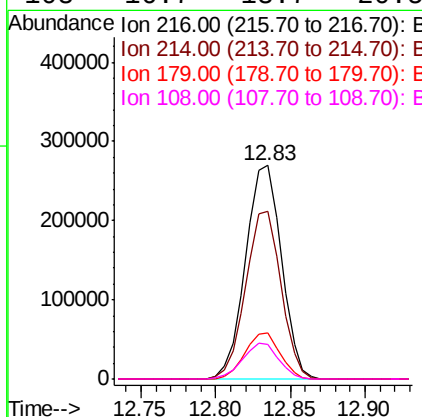
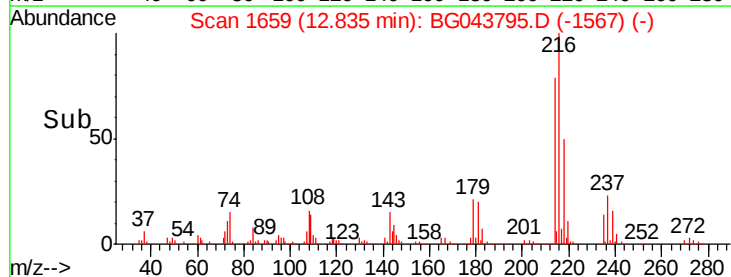
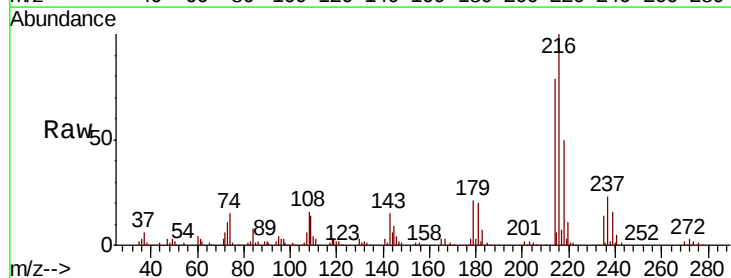
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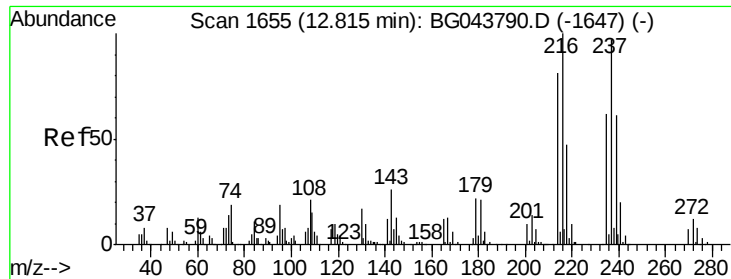
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.984 ng
RT: 12.83 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.2	93.4
179	21.1	16.6	25.0
108	16.7	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 37.123 ng

RT: 12.82 min Scan# 1657

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

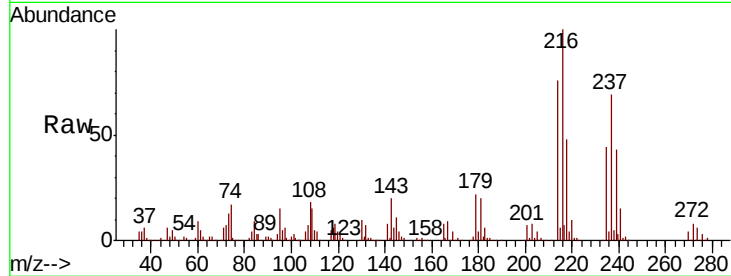
ClientSampleId :

ICVBG120919

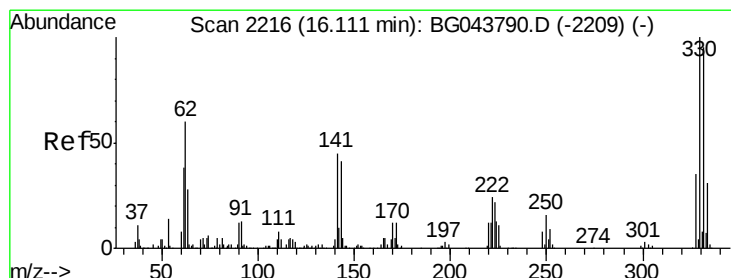
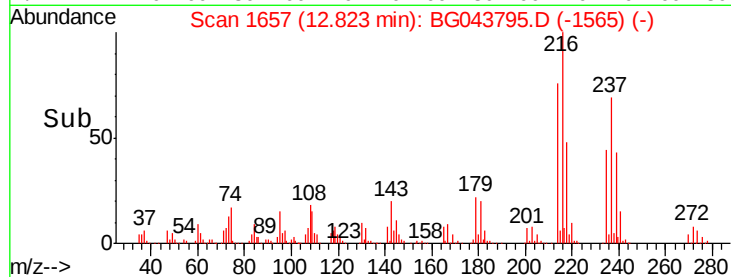
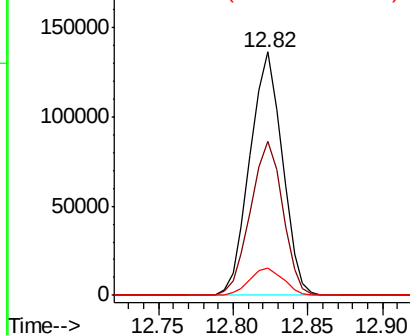
Tot Ion:	237	Resp:	205398
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.9	83.9
272	11.1	0.0	32.0

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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: 82.048 ng

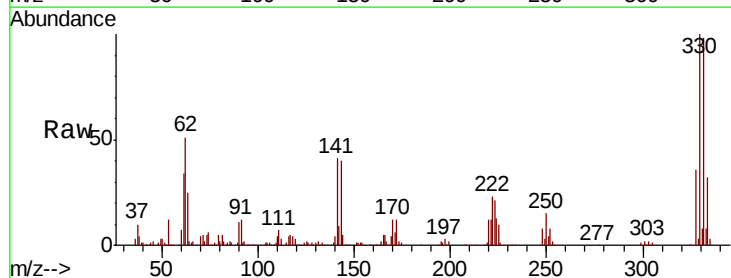
RT: 16.12 min Scan# 2218

Delta R.T. 0.01 min

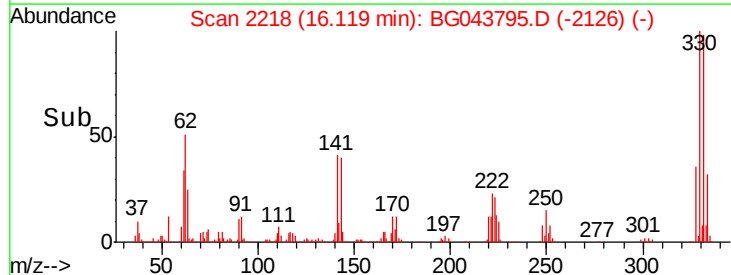
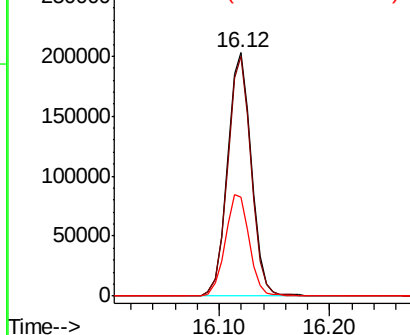
Lab File: BG043795.D

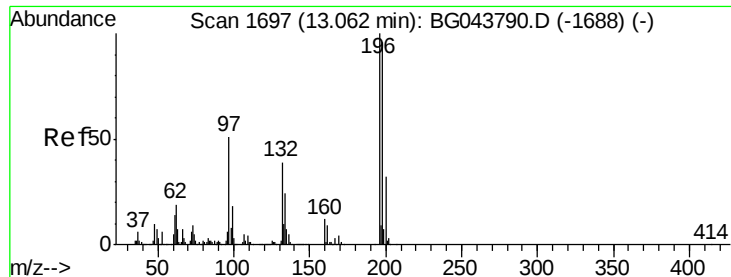
Acq: 9 Dec 2019 18:07

Tgt Ion:	330	Resp:	306852
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.9	115.3
141	42.2	33.8	50.8



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





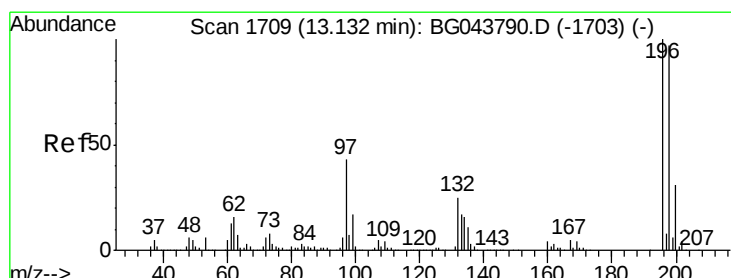
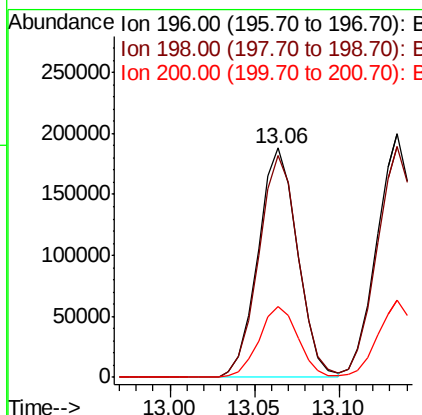
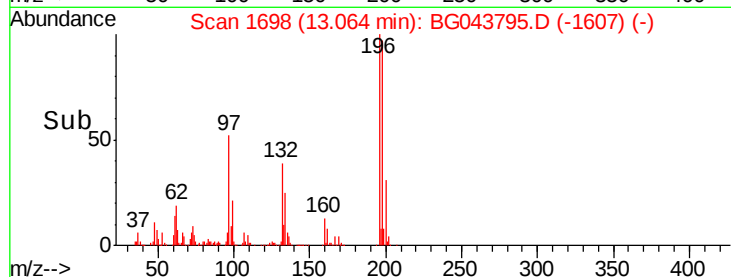
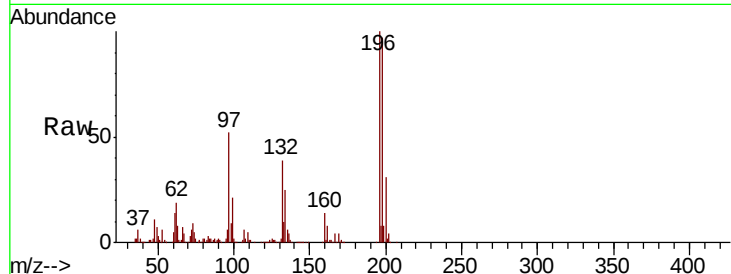
#43
 2,4,6-Trichlorophenol
 Concen: 40.488 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120919

Tot Ion	Ratio	Resp	Lower	Upper
196	100	303352		
198	97.0	77.0	115.6	
200	30.7	25.7	38.5	

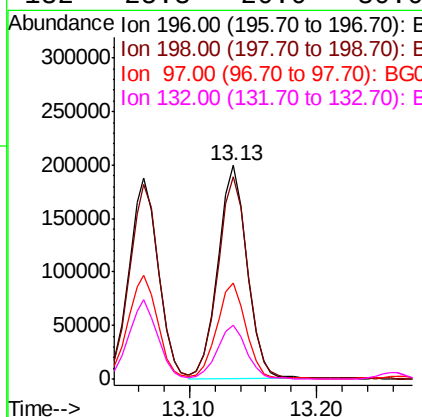
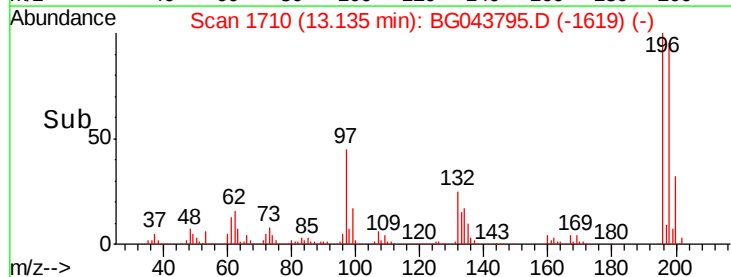
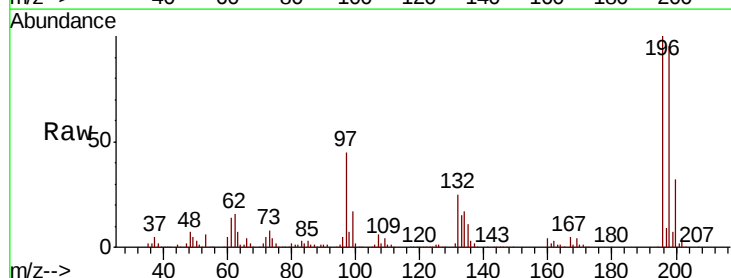
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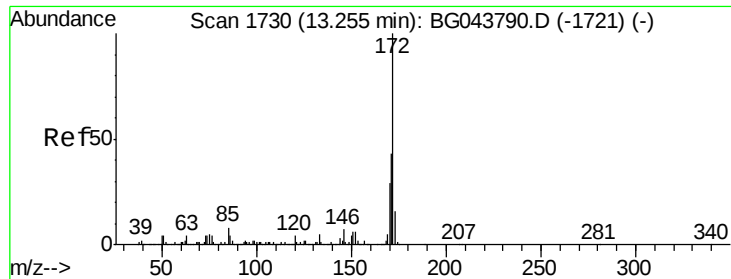
mohammad
 12/10/2019 11:51:11 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.446 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317479		
198	94.7	77.4	116.0	
97	44.8	34.7	52.1	
132	25.3	20.0	30.0	





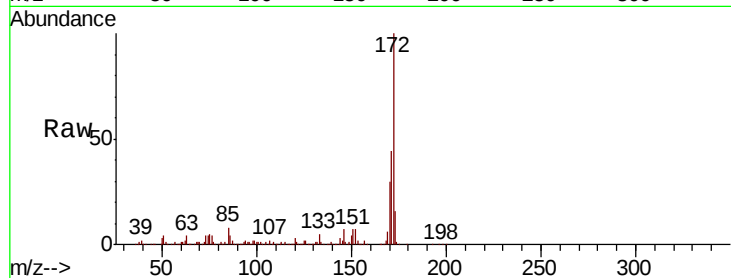
#45
2-Fluorobiphenyl
Concen: 79.231 ng
RT: 13.26 min Scan# 1732
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
172	100		
171	43.5	34.6	51.8
170	29.8	23.3	34.9

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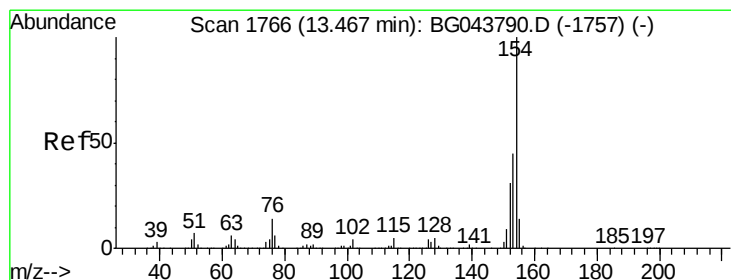
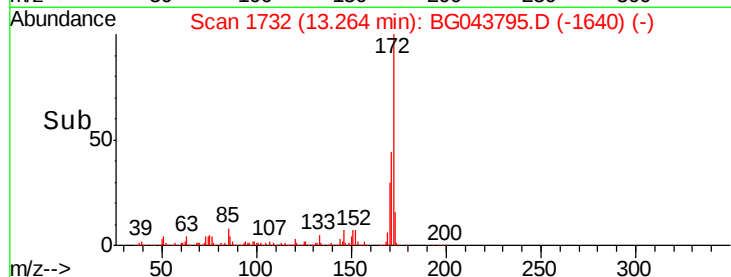
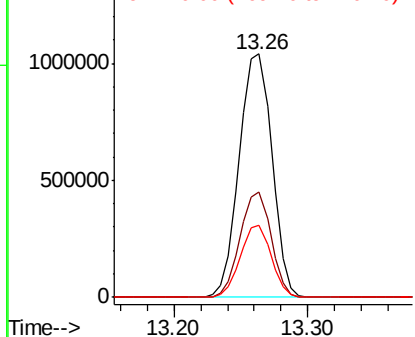


Abundance

Ion 172.00 (171.70 to 172.70): E

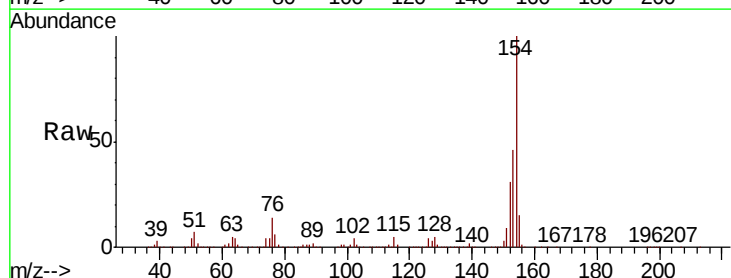
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.864 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.8	24.5	64.5
76	14.1	0.0	33.9

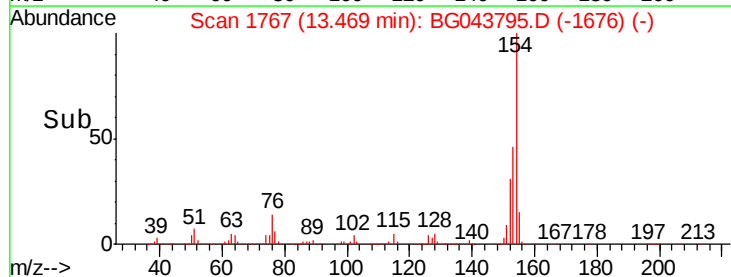
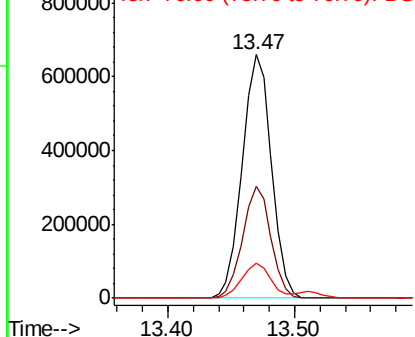


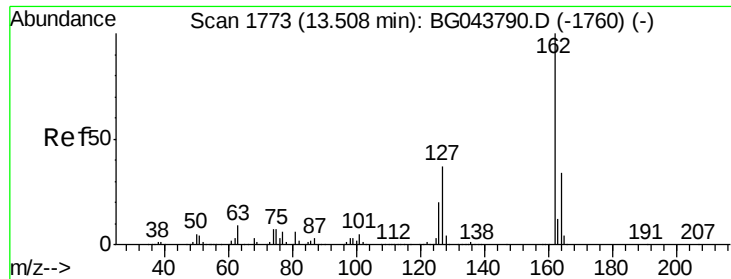
Abundance

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: 38.345 ng

RT: 13.51 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

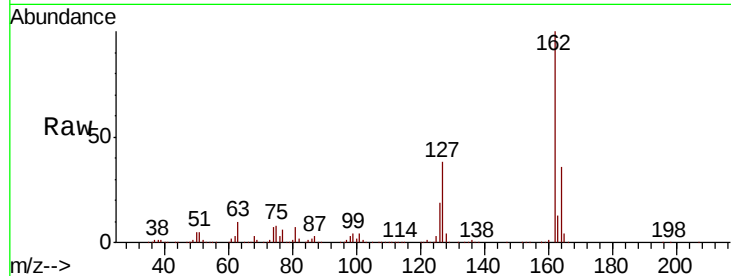
ClientSampleId :

ICVBG120919

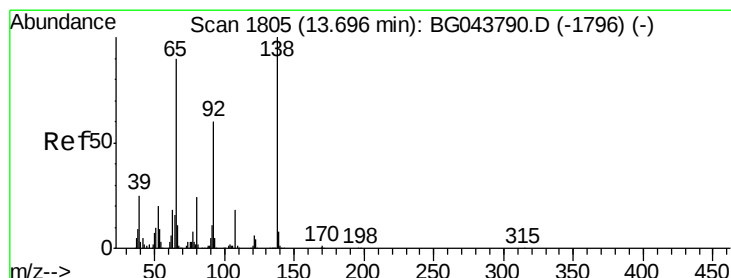
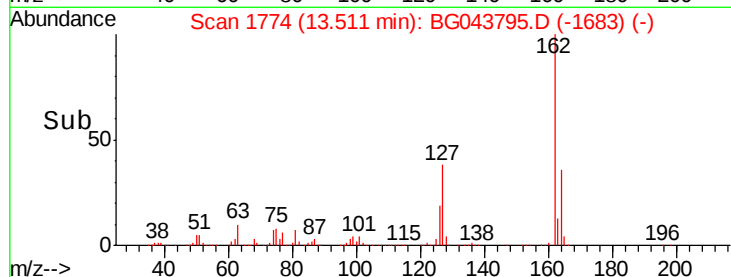
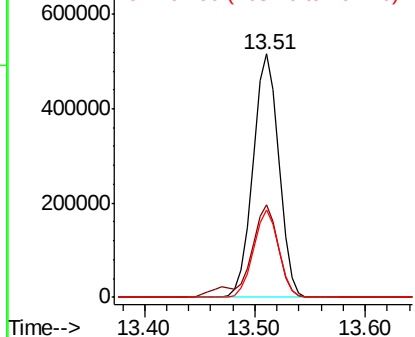
Tot Ion:	162	Resp:	847797
Ion Ratio	Lower	Upper	
162	100		
127	38.1	30.0	45.0
164	35.8	27.6	41.4

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



#48

2-Nitroaniline

Concen: 42.286 ng

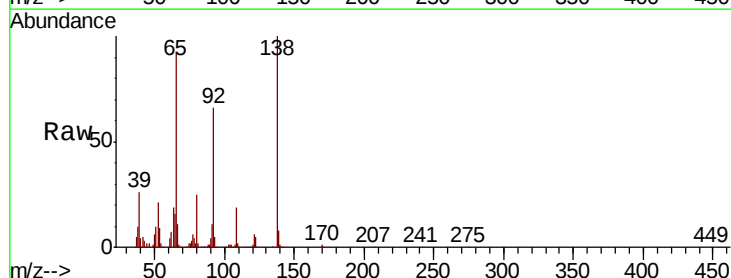
RT: 13.70 min Scan# 1806

Delta R.T. 0.00 min

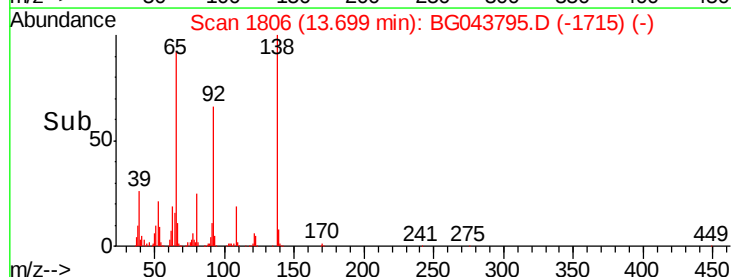
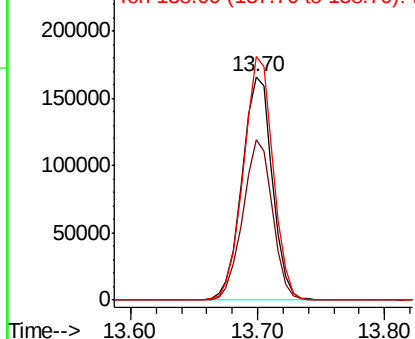
Lab File: BG043795.D

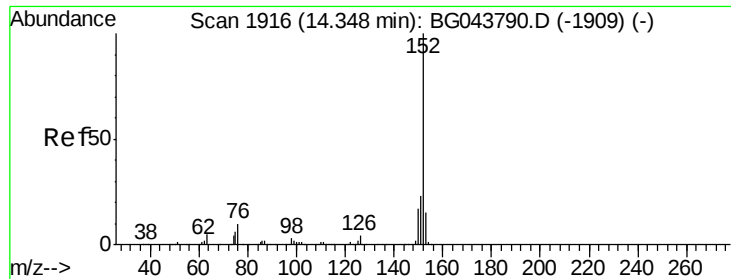
Acq: 9 Dec 2019 18:07

Tgt Ion:	65	Resp:	275725
Ion Ratio	Lower	Upper	
65	100		
92	71.8	53.7	80.5
138	109.1	88.8	133.2



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





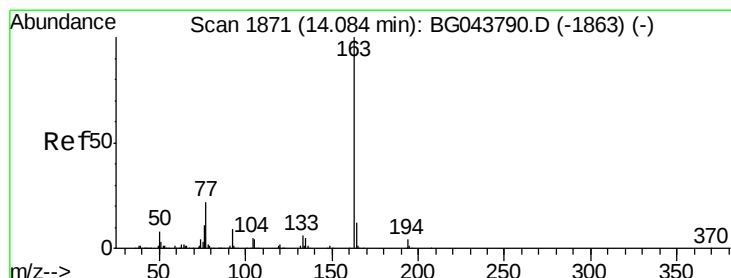
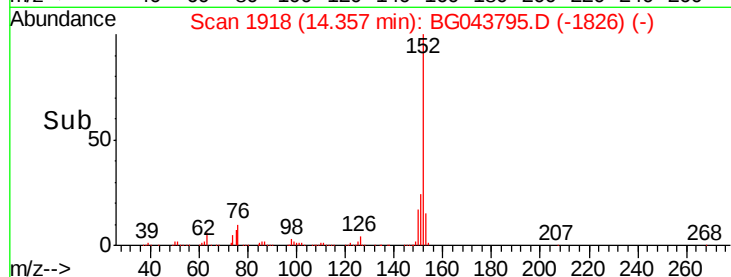
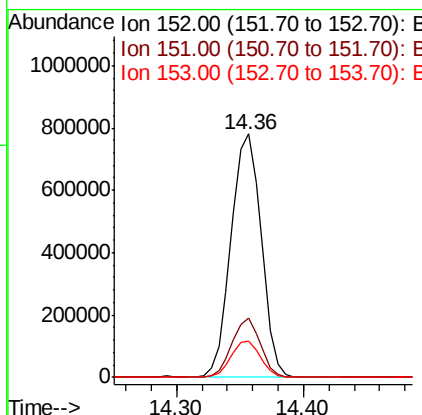
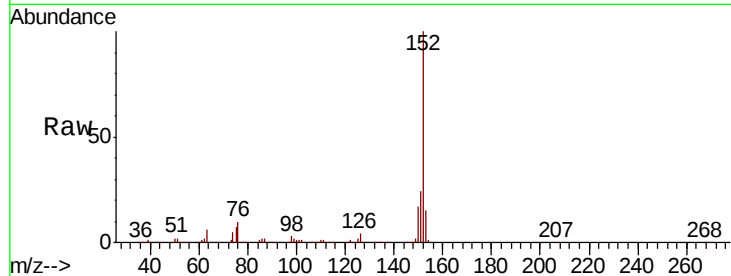
#49
Acenaphthylene
Concen: 39.028 ng
RT: 14.36 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.4	18.5	27.7
153	14.7	11.8	17.8

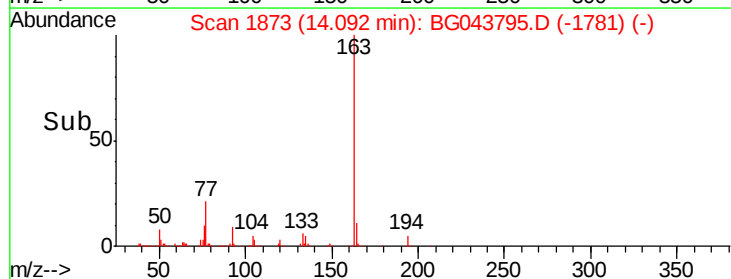
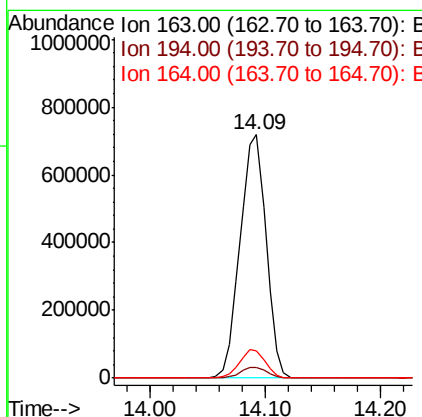
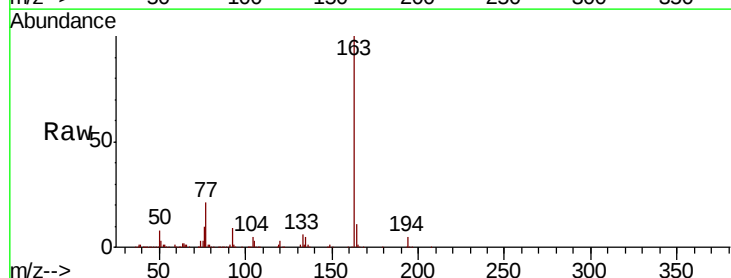
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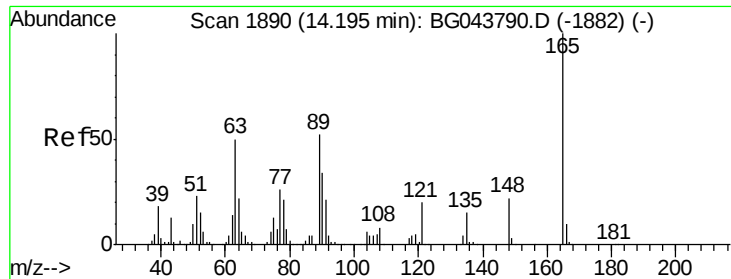
mohammad
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#50
Dimethylphthalate
Concen: 40.144 ng
RT: 14.09 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	11.4	9.4	14.0





#51

2,6-Dinitrotoluene

Concen: 41.034 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

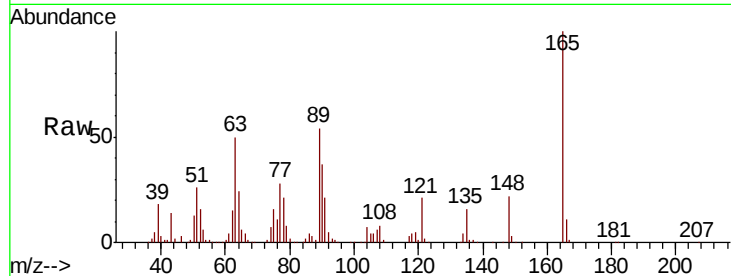
ICVBG120919

Tot Ion:165 Resp: 247595
Ion Ratio Lower Upper

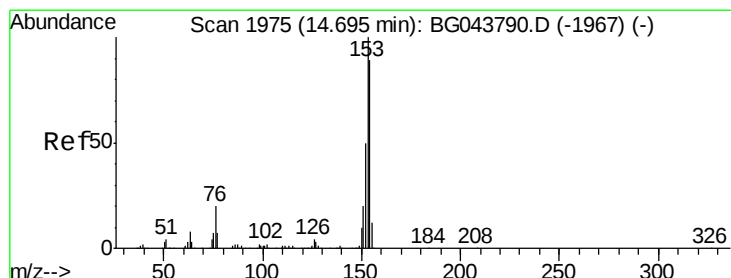
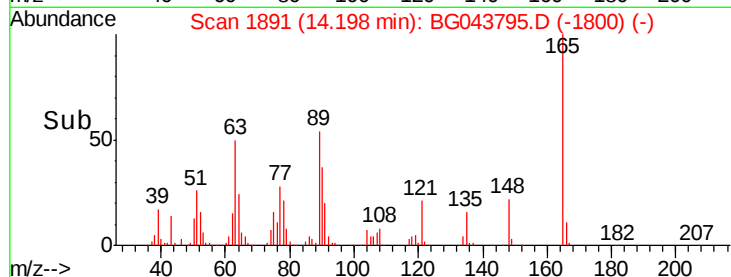
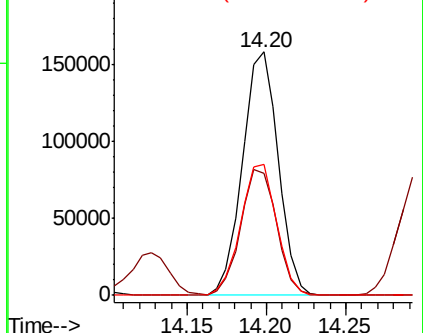
165	100		
63	49.9	40.3	60.5
89	53.6	41.8	62.8

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.275 ng

RT: 14.70 min Scan# 1976

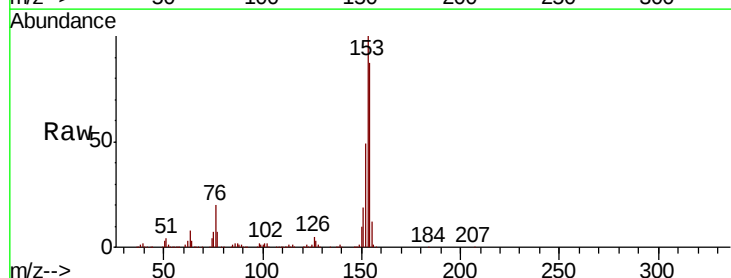
Delta R.T. 0.00 min

Lab File: BG043795.D

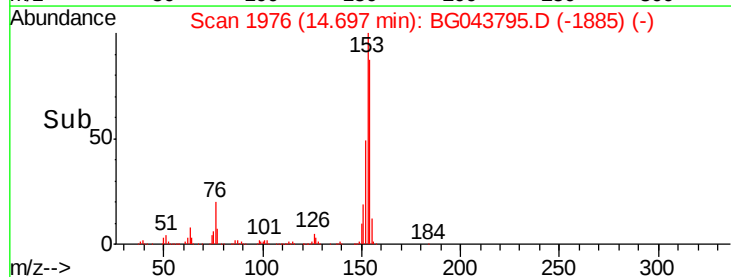
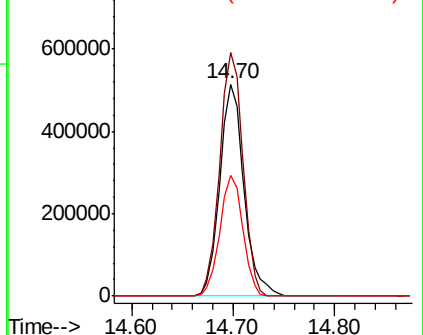
Acq: 9 Dec 2019 18:07

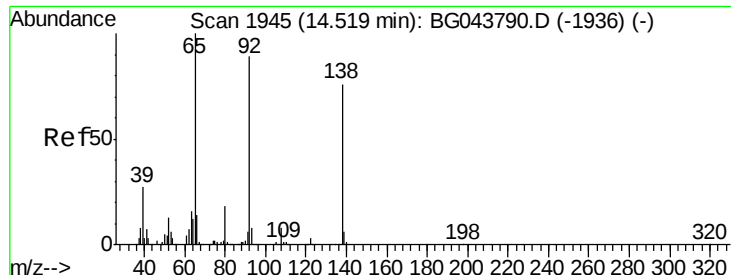
Tgt Ion:154 Resp: 850959
Ion Ratio Lower Upper

154	100		
153	114.8	89.5	134.3
152	56.7	45.0	67.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





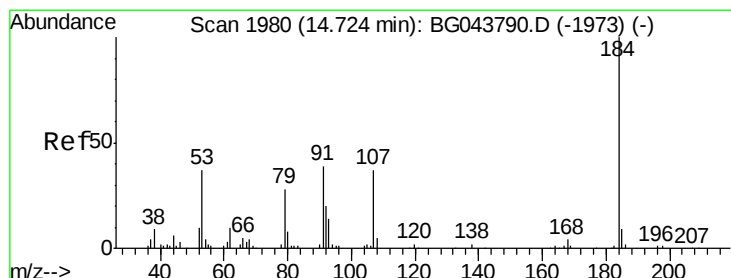
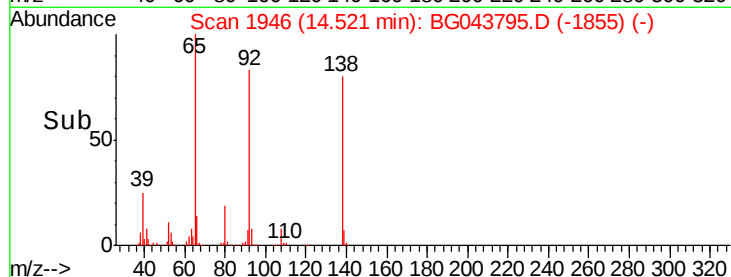
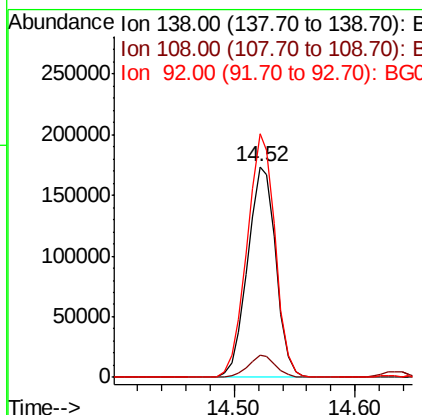
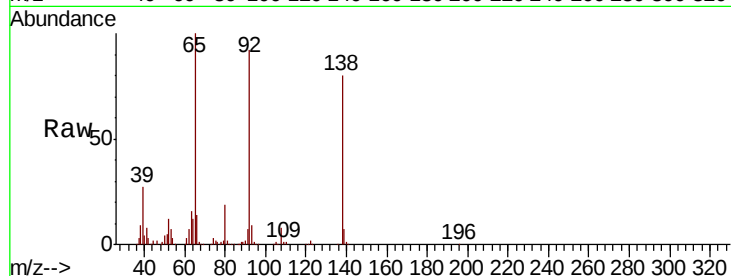
#53
3-Nitroaniline
Concen: 41.198 ng
RT: 14.52 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	115.4	94.6	141.8

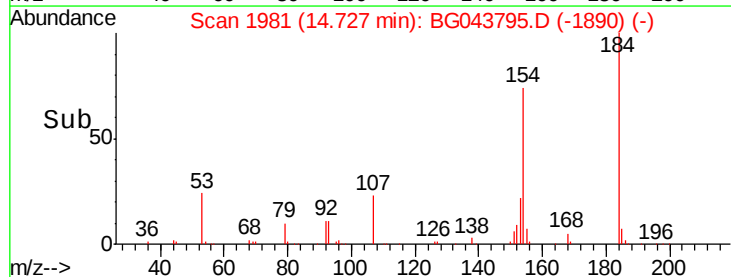
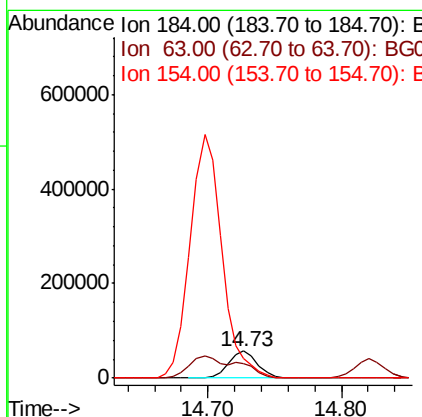
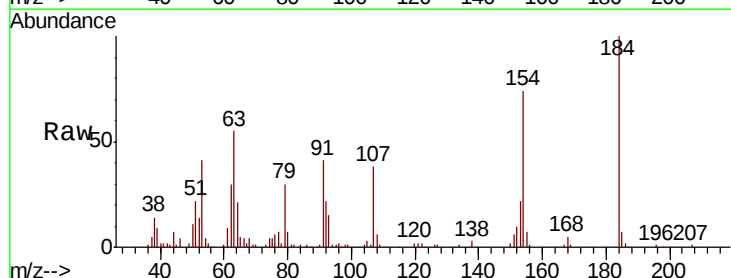
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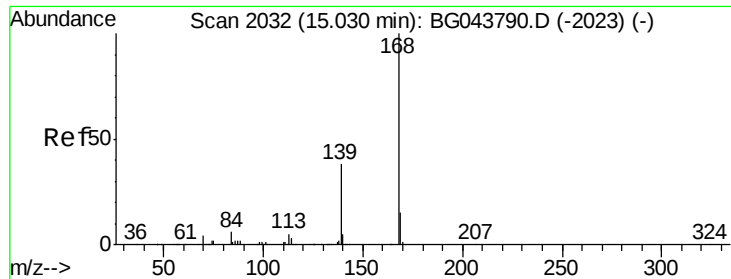
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#54
2,4-Dinitrophenol
Concen: 44.540 ng
RT: 14.73 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.7	43.4	65.0
154	74.2	54.8	82.2





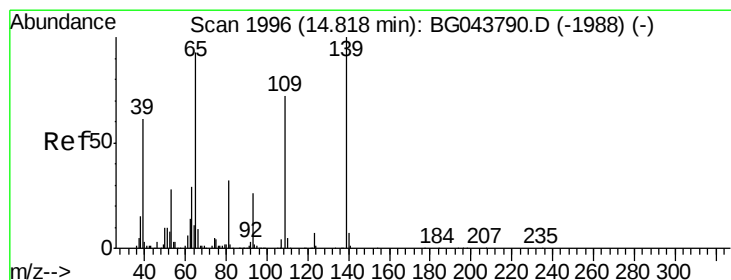
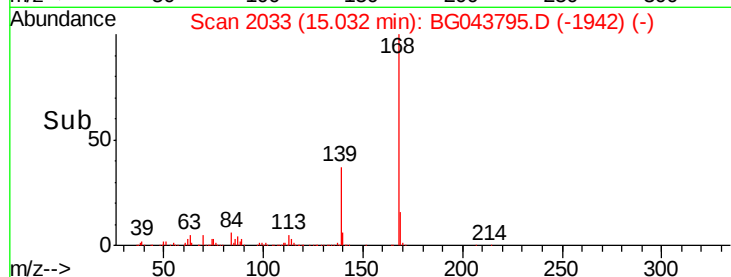
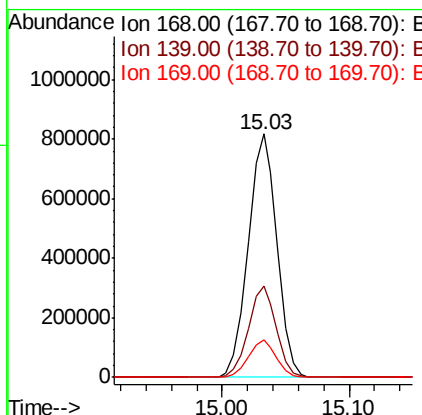
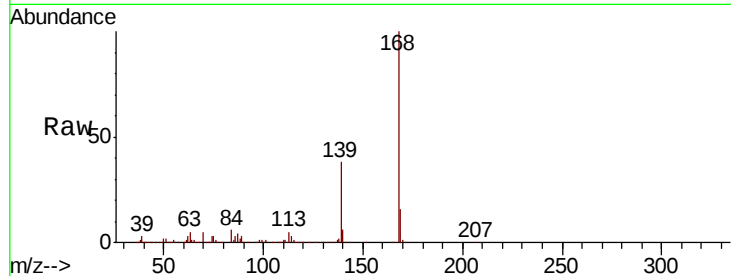
#55
Dibenzofuran
Concen: 39.948 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.4	45.6
169	15.5	12.0	18.0

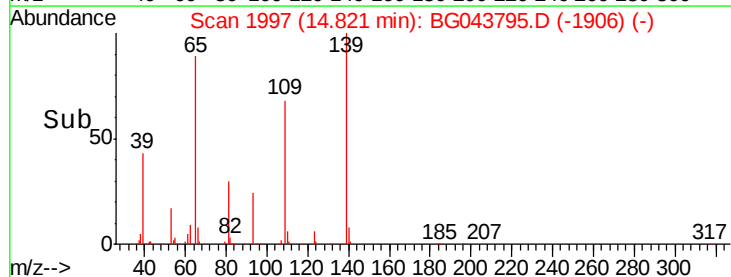
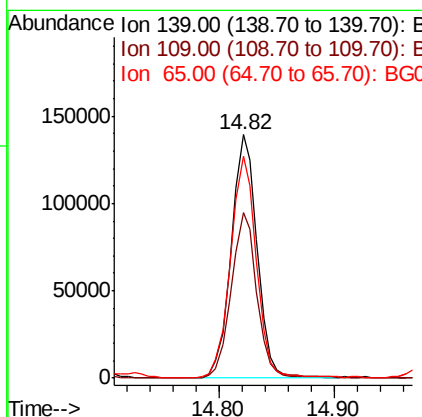
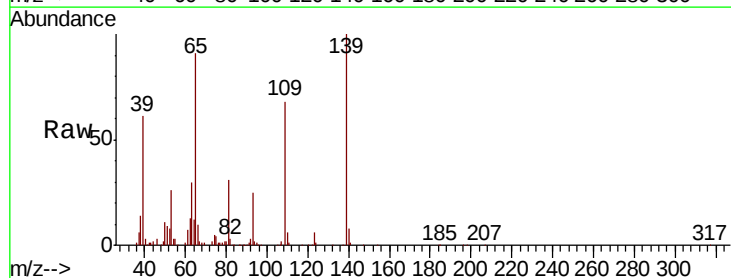
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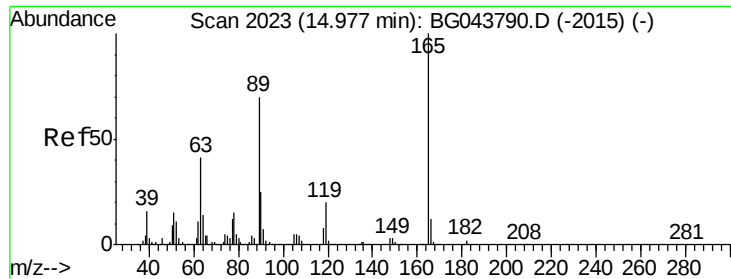
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#56
4-Nitrophenol
Concen: 42.870 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	51.5	91.5
65	91.3	73.7	113.7





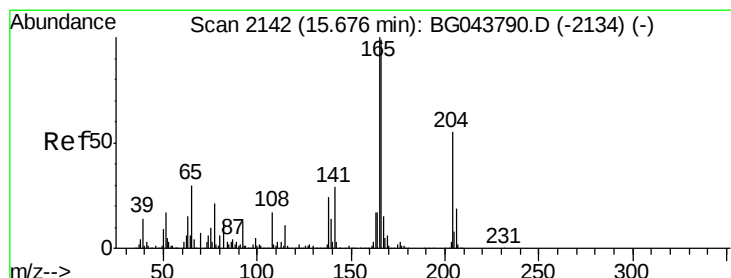
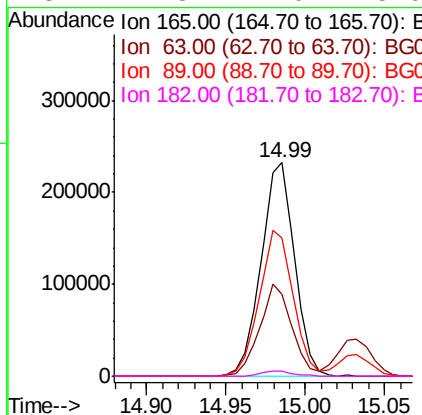
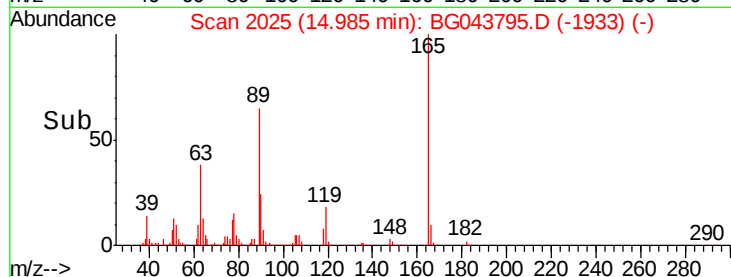
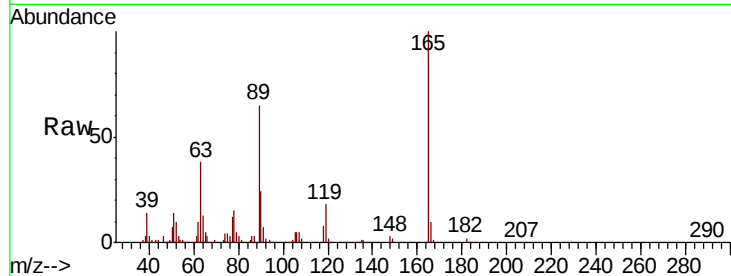
#57
2,4-Dinitrotoluene
Concen: 41.872 ng
RT: 14.99 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		341391		
63	38.2	32.7	49.1		
89	64.6	56.1	84.1		
182	2.3	2.0	3.0		

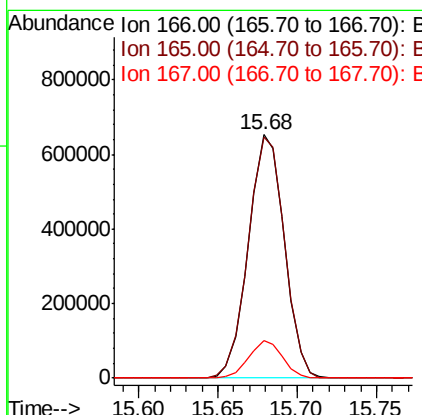
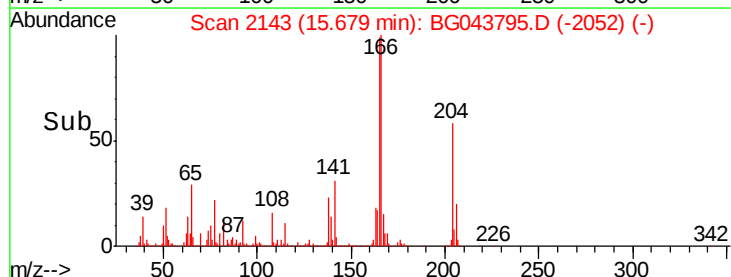
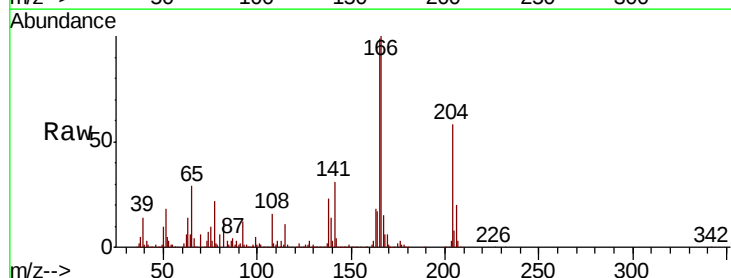
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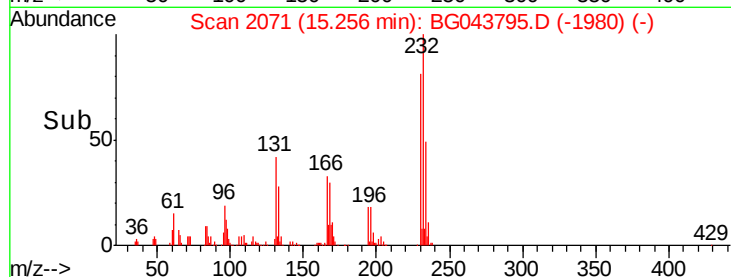
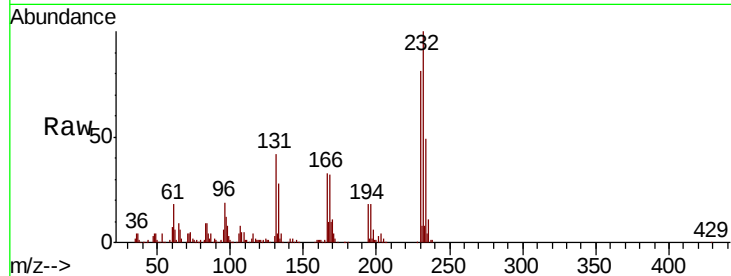
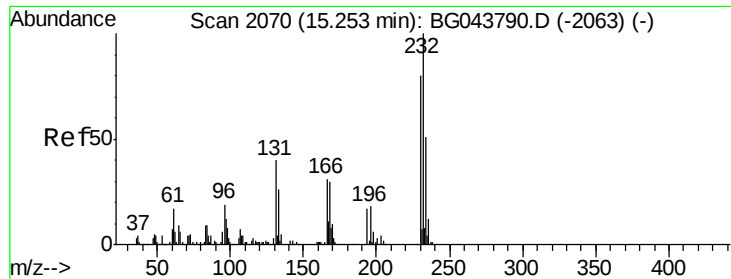
mohammad
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#58
Fluorene
Concen: 39.736 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1027211		
165	98.8	80.5	120.7		
167	15.3	12.1	18.1		





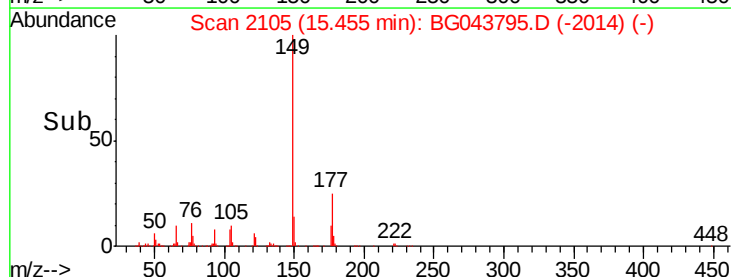
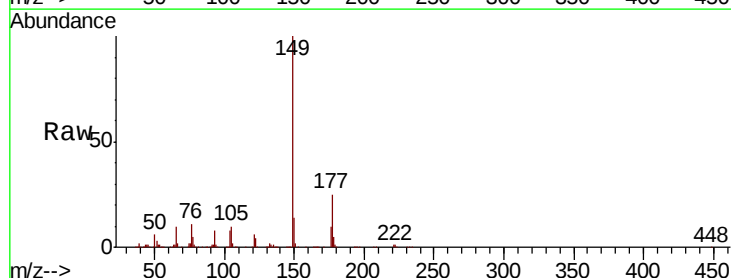
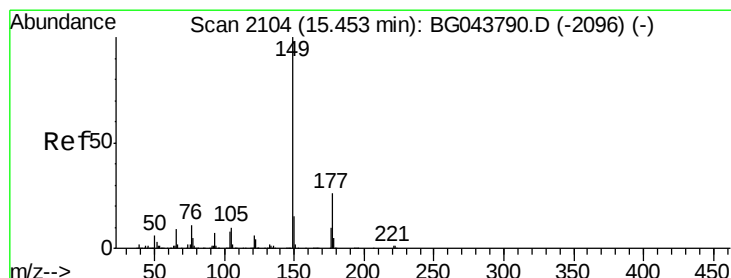
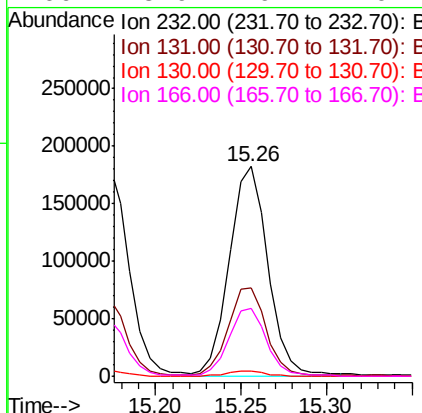
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.759 ng m
RT: 15.26 min Scan# 2071
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Resp	Lower	Upper
232	100	287061		
131	36.9		27.9	41.9
130	2.3		1.8	2.8
166	25.9		19.4	29.2

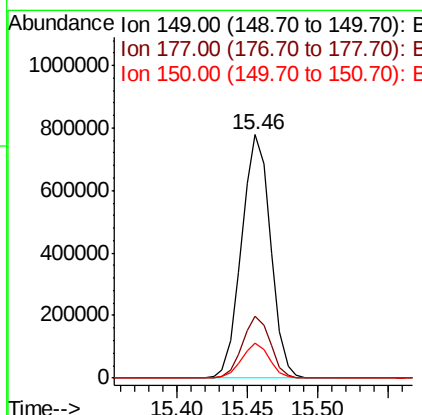
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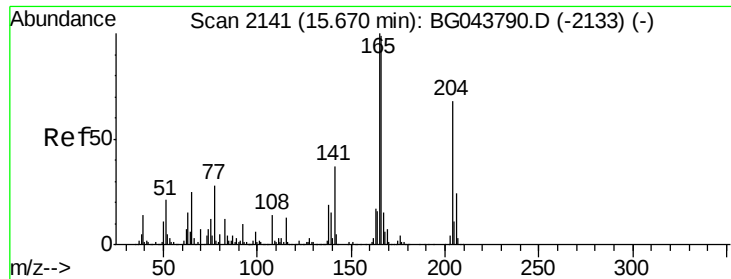
mohammad
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#60
Diethylphthalate
Concen: 40.024 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1119388		
177	25.3		20.4	30.6
150	14.2		11.6	17.4





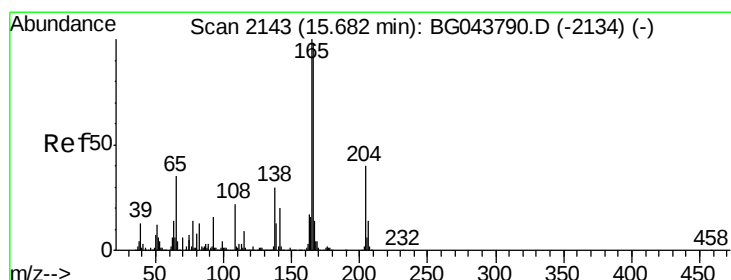
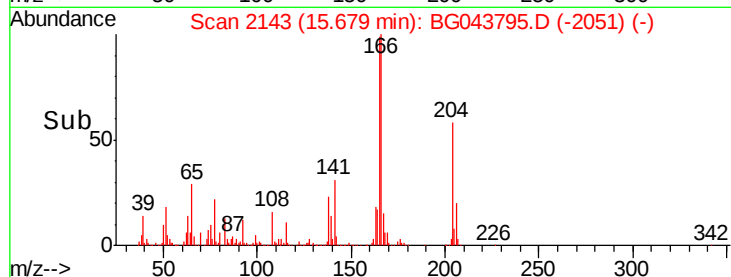
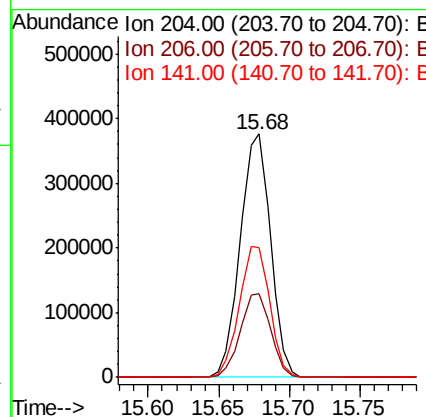
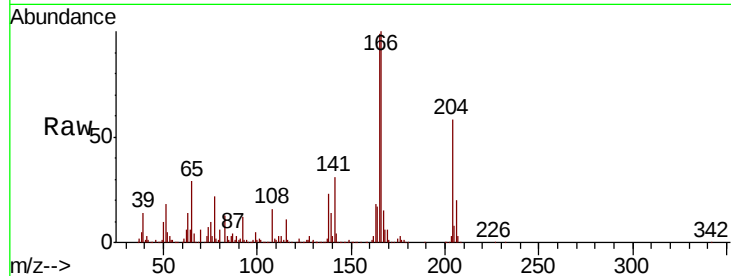
#61
 4-Chlorophenyl-phenylether
 Concen: 39.082 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120919

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.2	28.1	42.1	
141	53.1	44.1	66.1	

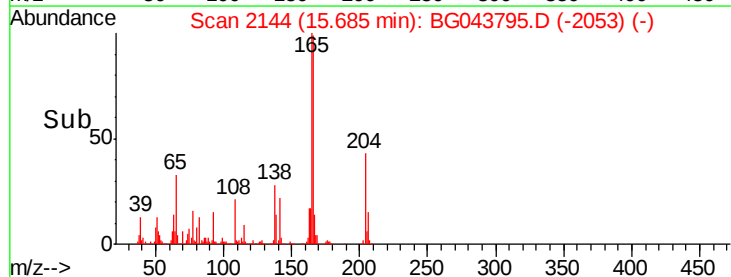
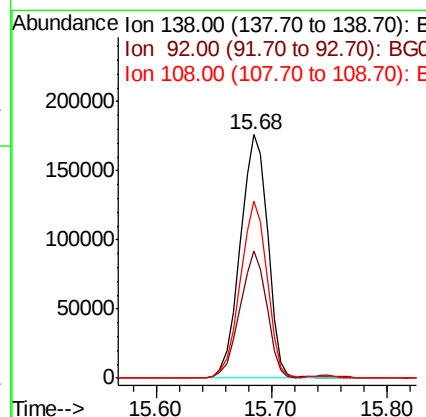
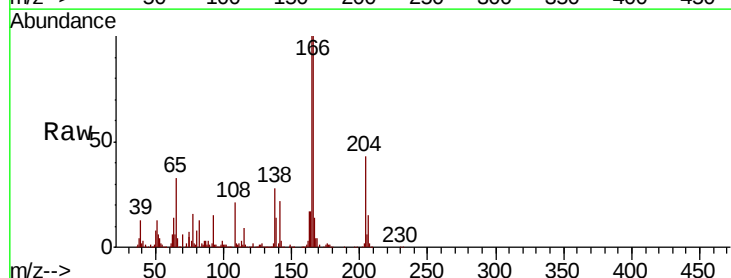
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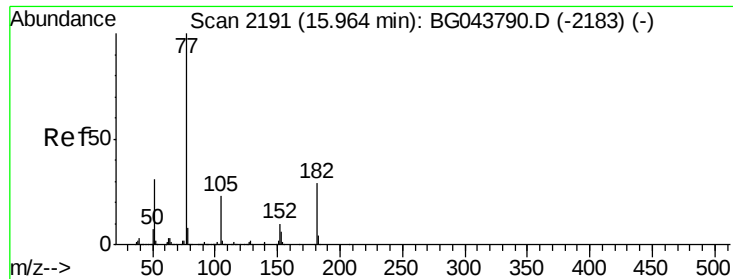
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#62
 4-Nitroaniline
 Concen: 40.498 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	52.1	31.5	71.5	
108	72.6	53.1	93.1	





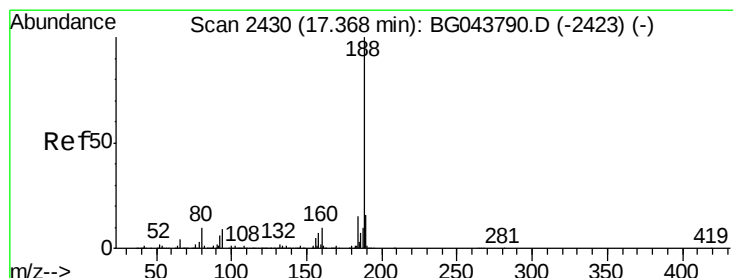
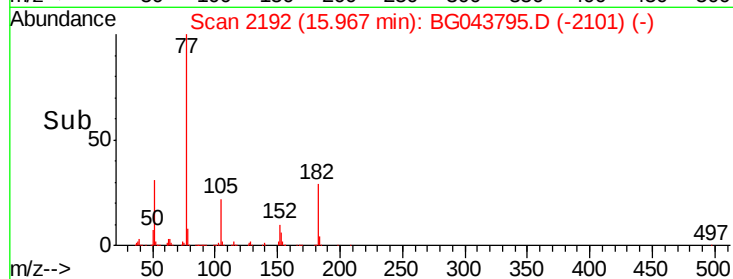
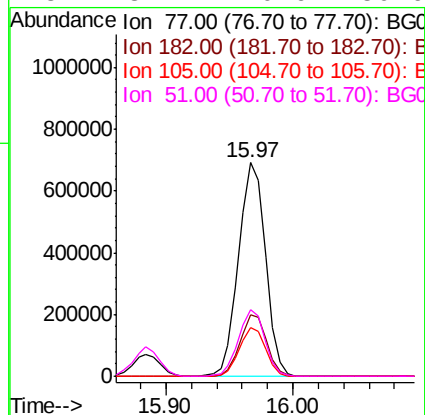
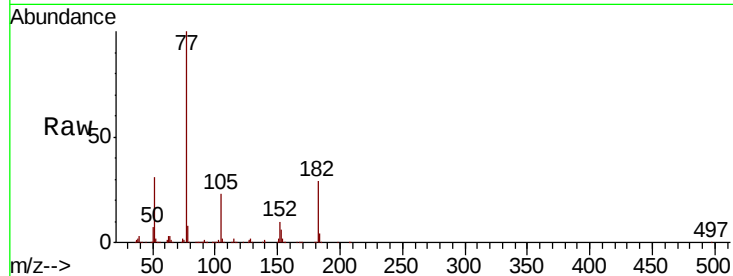
#63
Azobenzene
Concen: 39.456 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	9.0	49.0
105	22.7	2.9	42.9
51	31.2	10.6	50.6

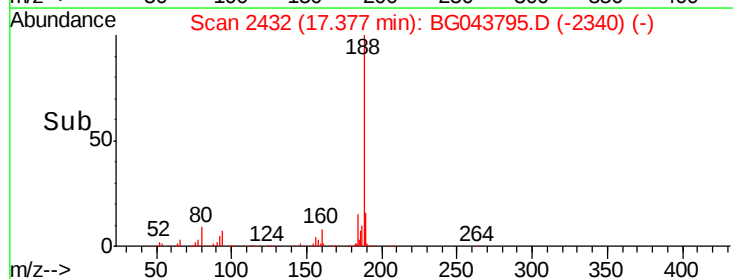
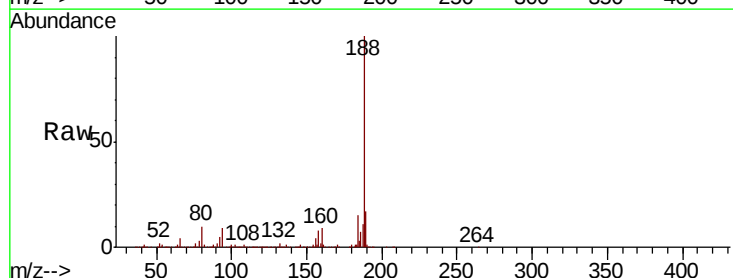
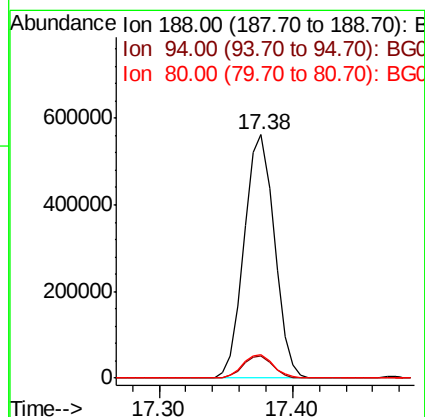
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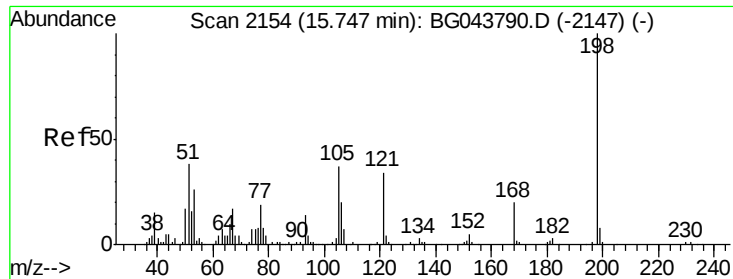
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.9	10.3
80	9.6	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 39.623 ng

RT: 15.75 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

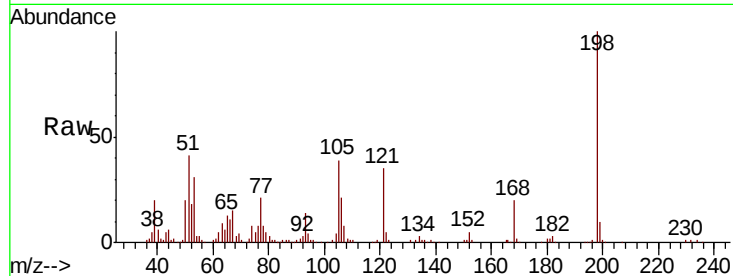
ClientSampleId :

ICVBG120919

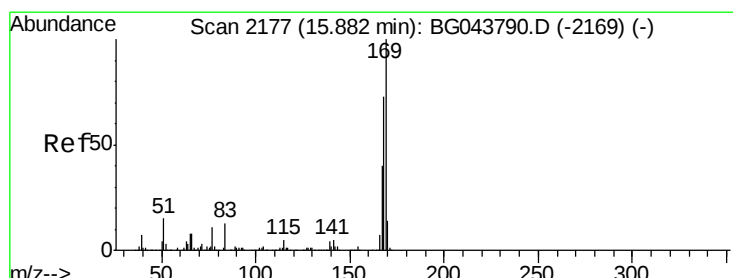
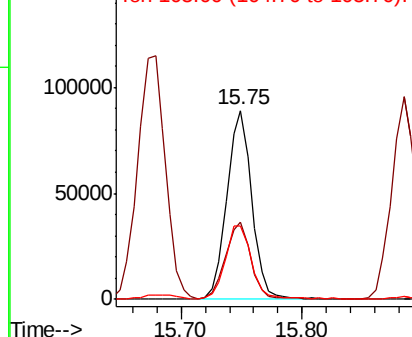
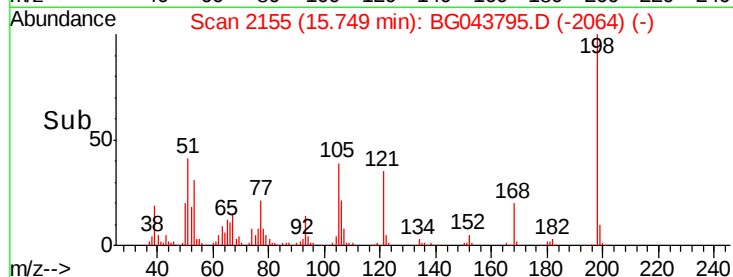
Tot Ion:	198	Resp:	127331
Ion Ratio	Lower	Upper	
198	100		
51	40.7	18.9	58.9
105	38.6	18.1	58.1

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.048 ng

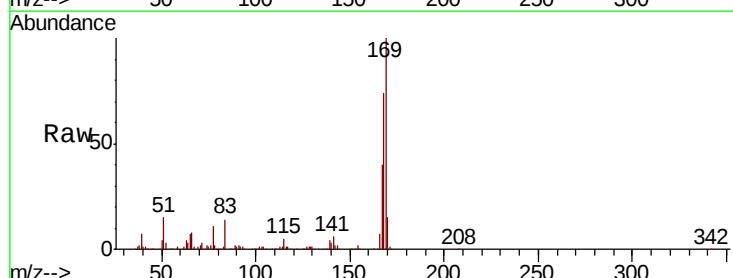
RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

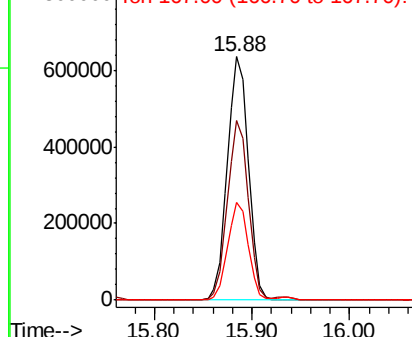
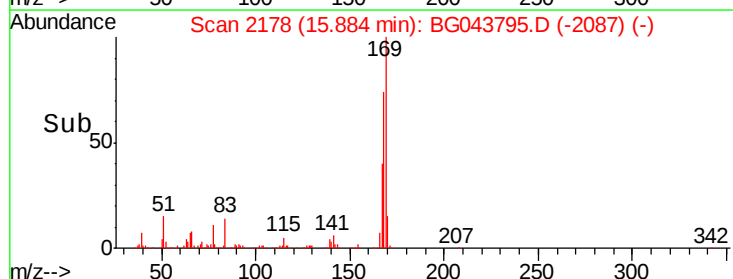
Lab File: BG043795.D

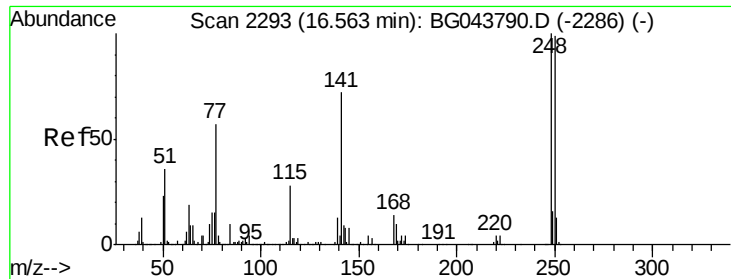
Acq: 9 Dec 2019 18:07

Tgt Ion:	169	Resp:	953755
Ion Ratio	Lower	Upper	
169	100		
168	73.6	58.5	87.7
167	40.3	32.1	48.1



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





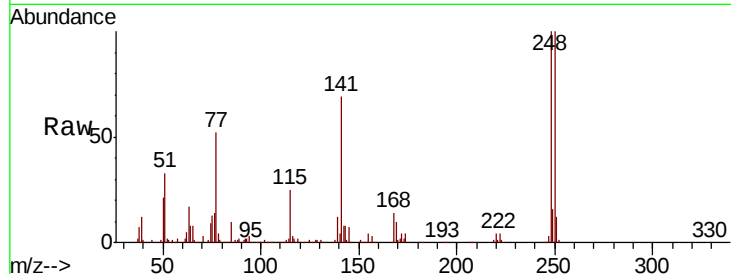
#67
4-Bromophenyl-phenylether
Concen: 38.065 ng
RT: 16.57 min Scan# 2295
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	79.0	118.6
141	68.8	57.8	86.6

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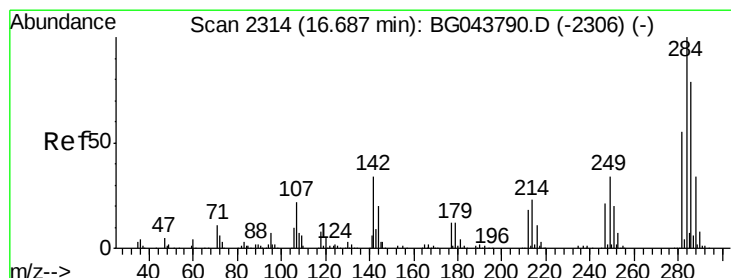
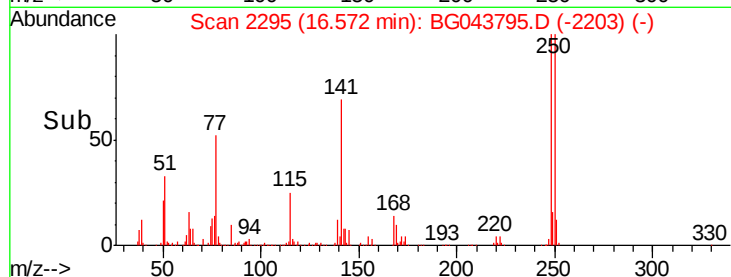
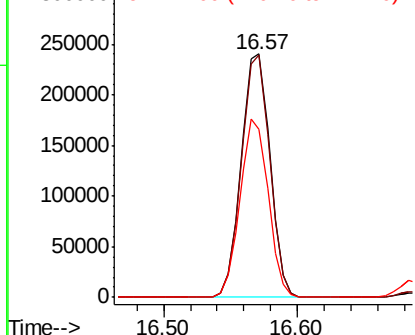


Abundance

Ion 248.00 (247.70 to 248.70): E

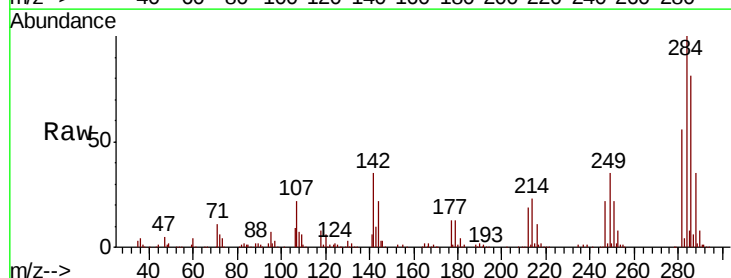
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.036 ng
RT: 16.69 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.0	40.6
249	34.7	27.2	40.8

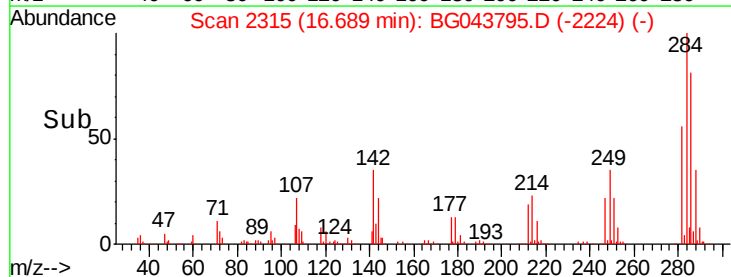
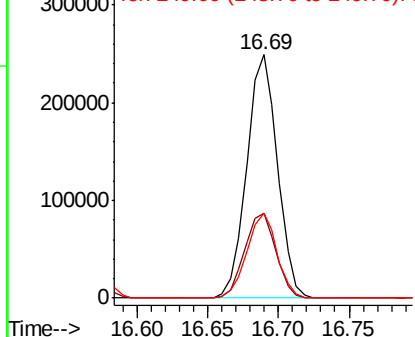


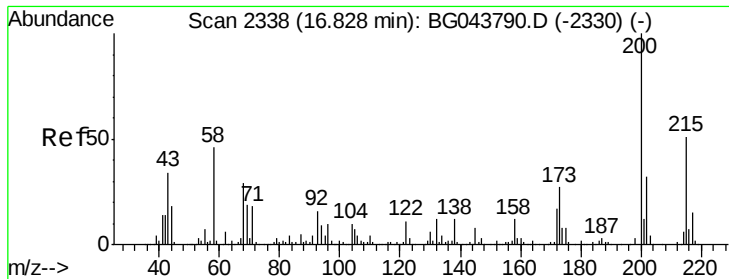
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





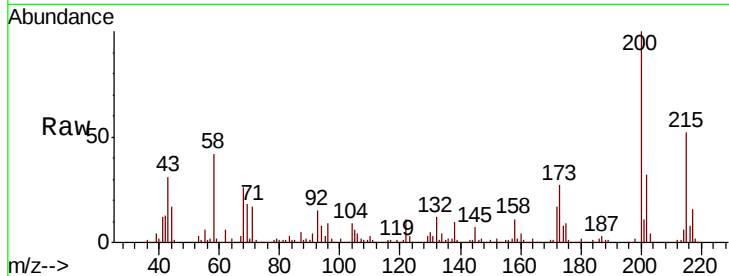
#69
Atrazine
Concen: 37.951 ng
RT: 16.84 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	7.4	47.4
215	51.8	30.5	70.5

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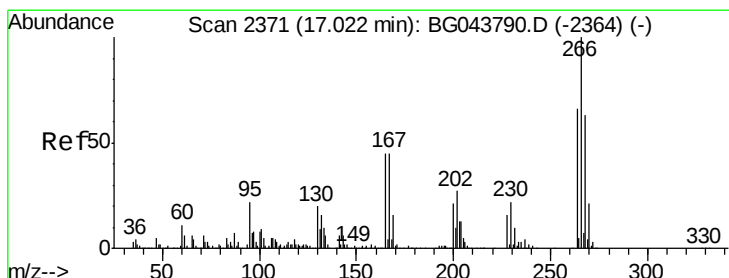
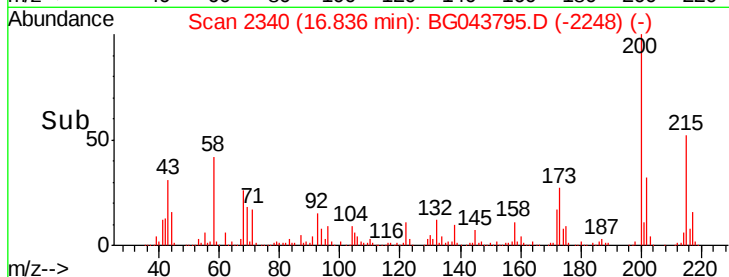
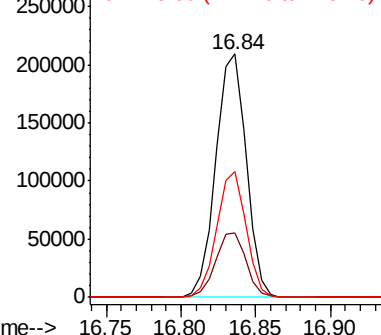


Abundance

Ion 200.00 (199.70 to 200.70): E

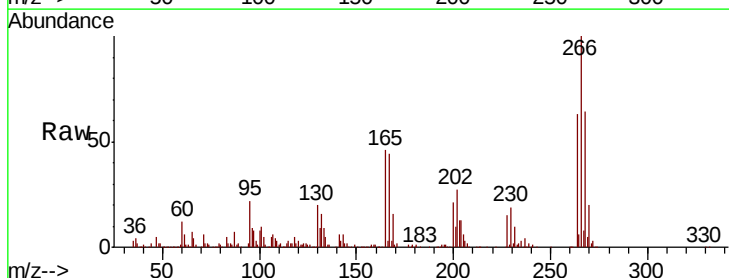
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 41.920 ng
RT: 17.02 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	50.8	76.2
264	63.4	53.0	79.4

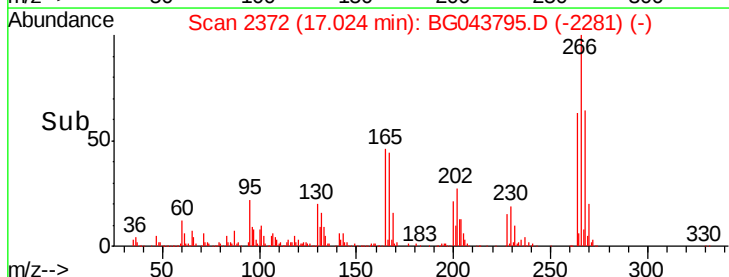
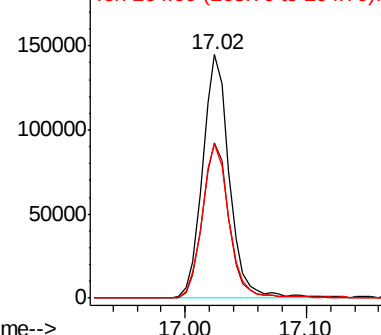


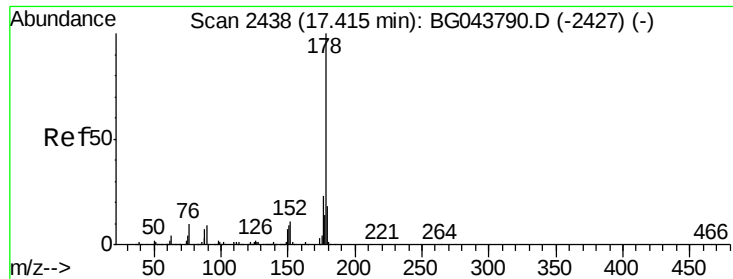
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





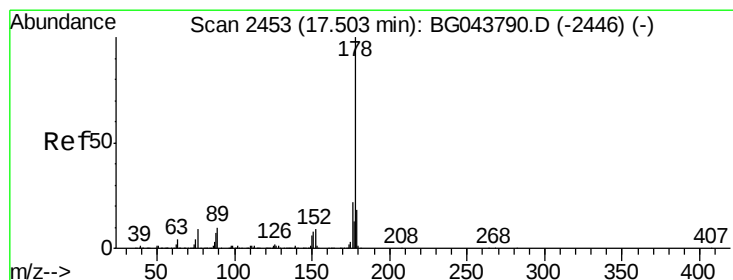
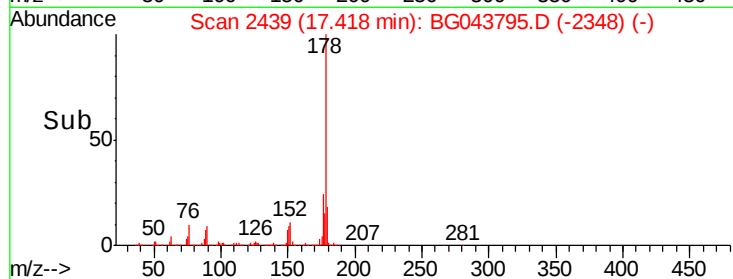
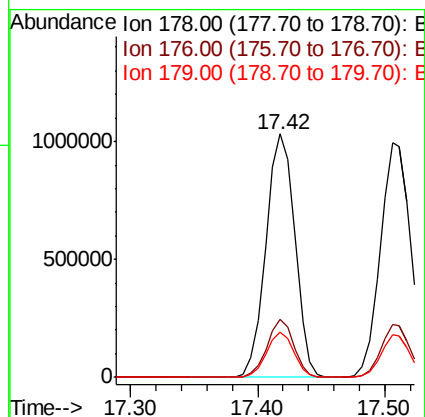
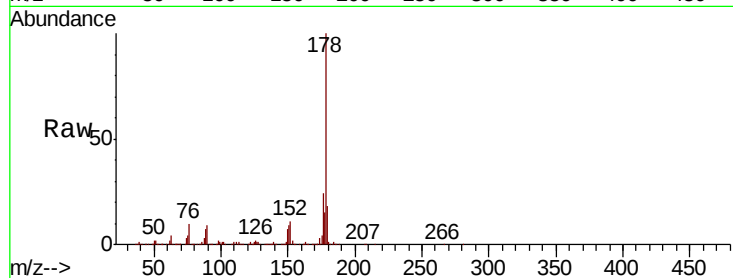
#71
Phenanthrene
Concen: 39.521 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
178	100		
176	23.7	18.6	27.8
179	18.4	14.7	22.1

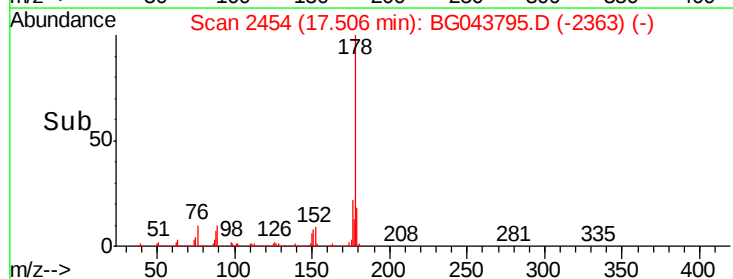
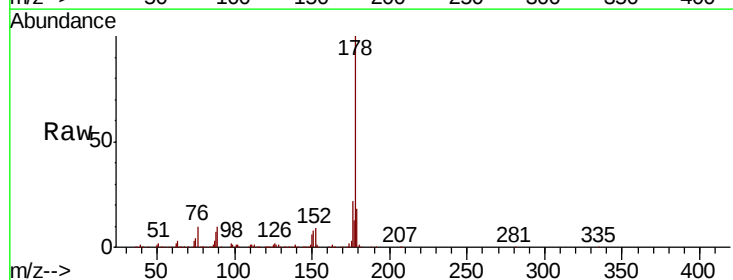
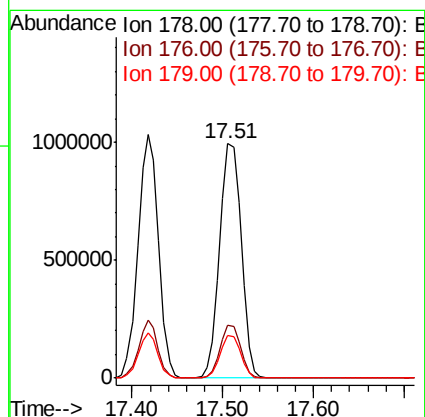
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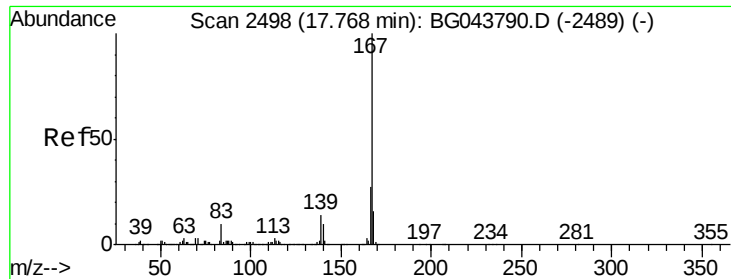
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#72
Anthracene
Concen: 39.950 ng
RT: 17.51 min Scan# 2454
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.5	17.7	26.5
179	18.0	14.5	21.7





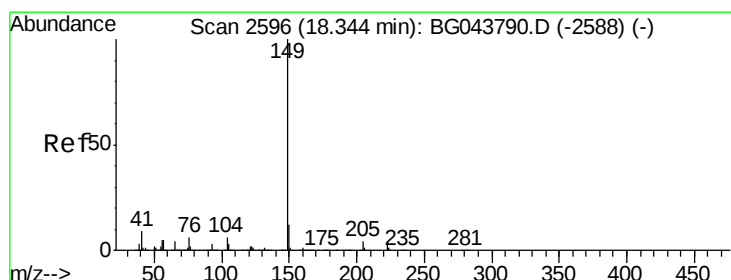
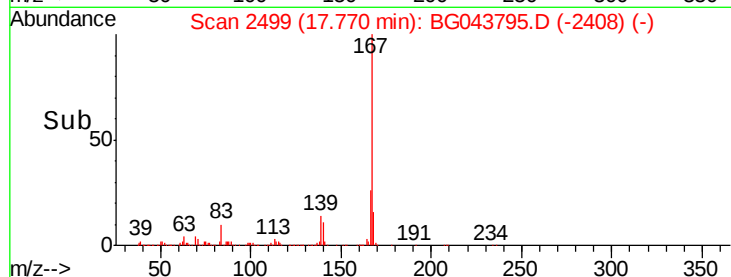
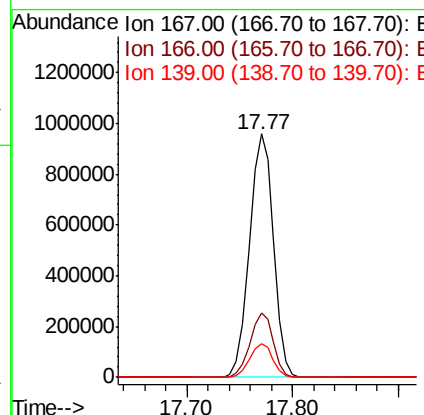
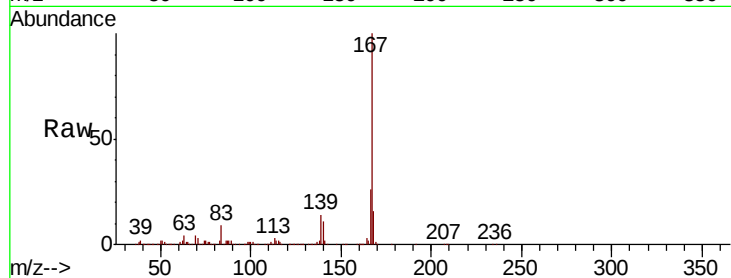
#73
 Carbazole
 Concen: 39.232 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120919

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.4	21.4	32.2
139	14.1	11.0	16.4

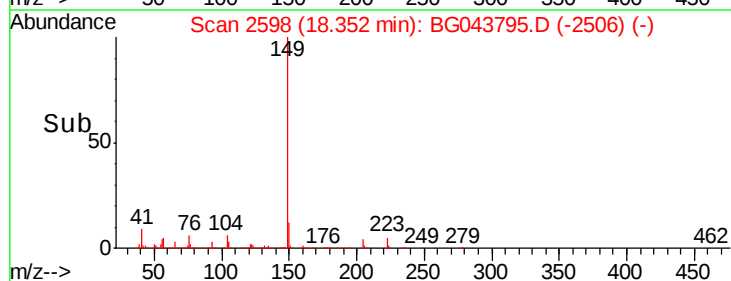
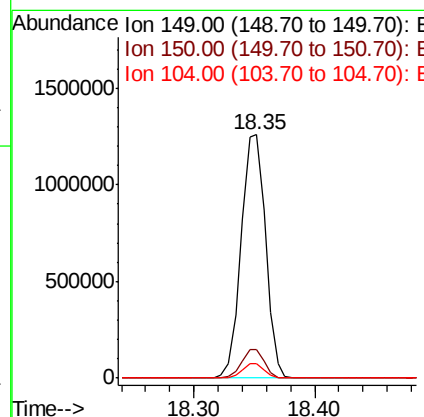
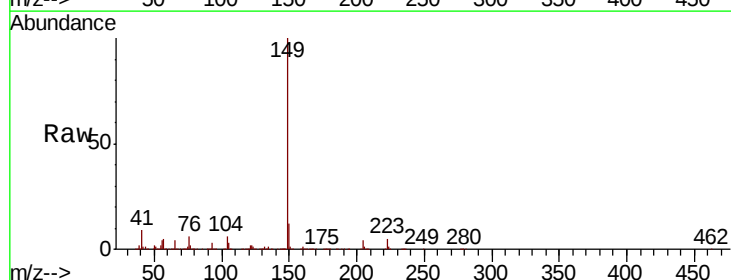
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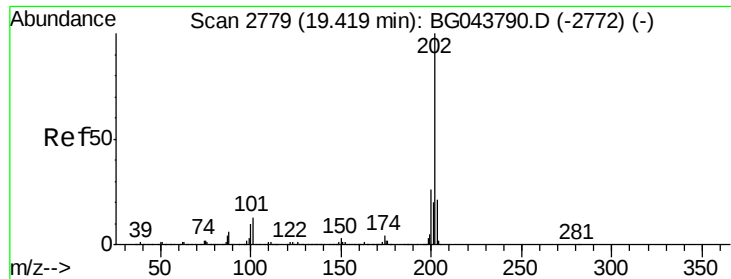
mohammad
 12/10/2019 11:51:11 AM



#74
 Di-n-butylphthalate
 Concen: 40.356 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.4	14.0
104	5.9	4.8	7.2





#75

Fluoranthene

Concen: 39.223 ng

RT: 19.42 min Scan# 2780

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

ICVBG120919

Tot Ion:202 Resp: 1867608

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.7

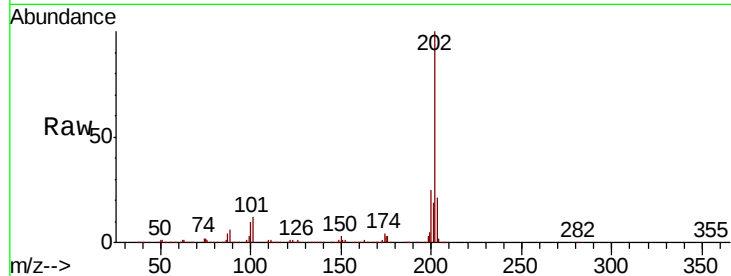
203 21.3 1.0 41.0

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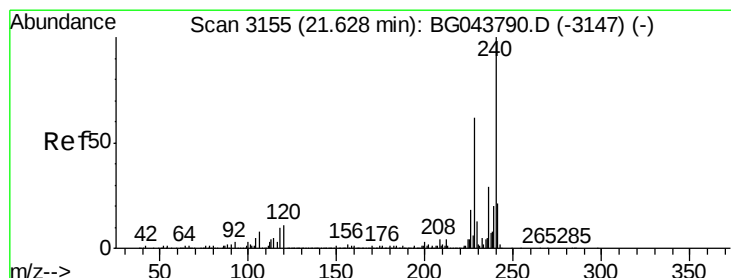
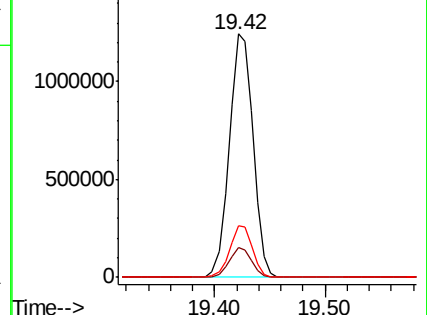
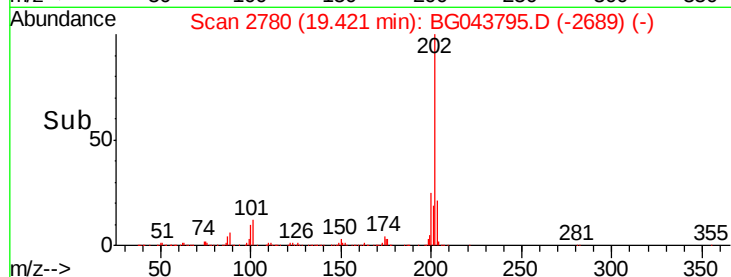
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.64 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

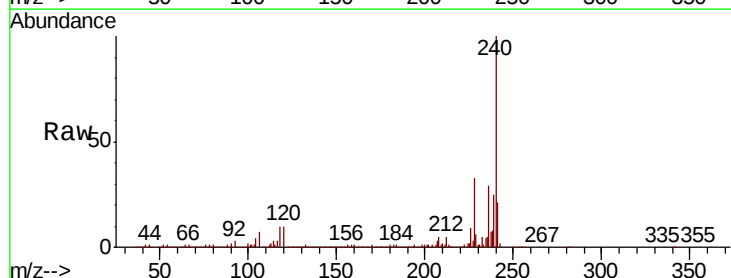
Tgt Ion:240 Resp: 725938

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

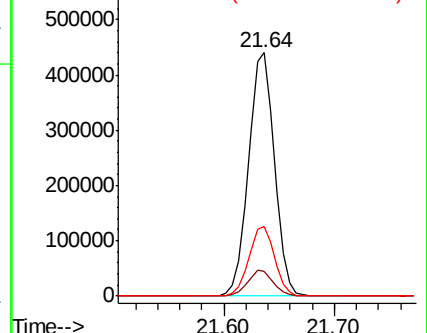
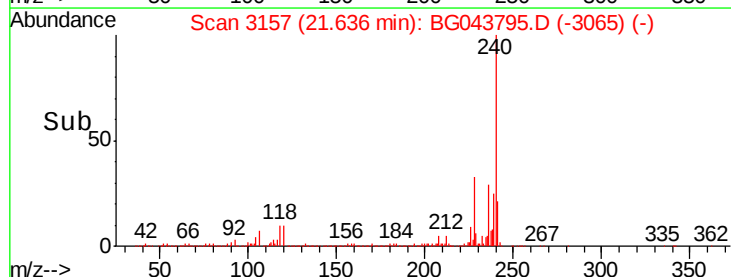
236 28.5 23.1 34.7

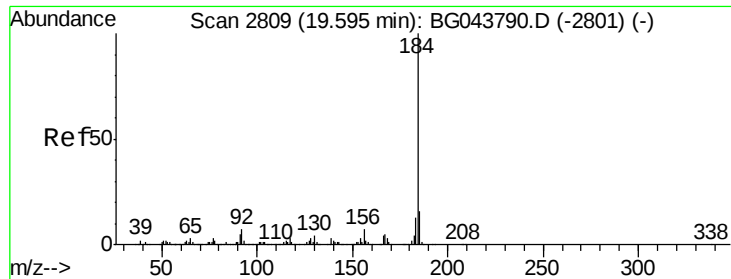


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.119 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

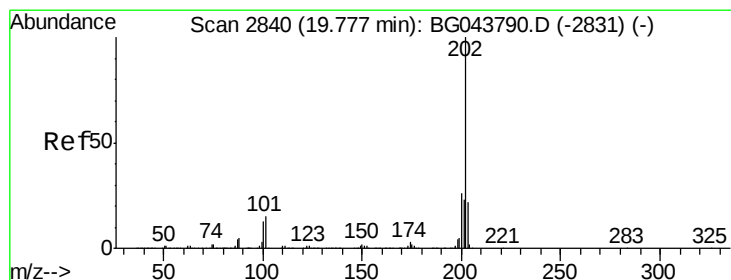
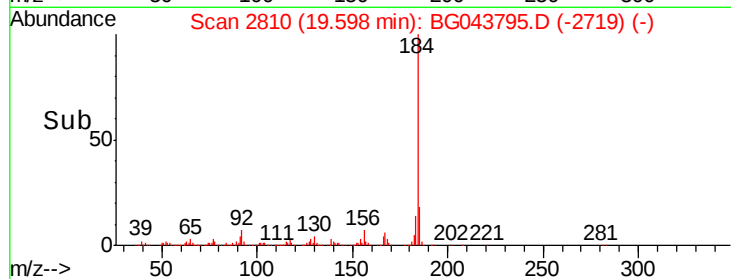
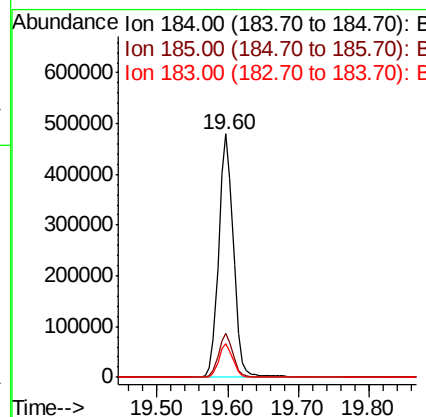
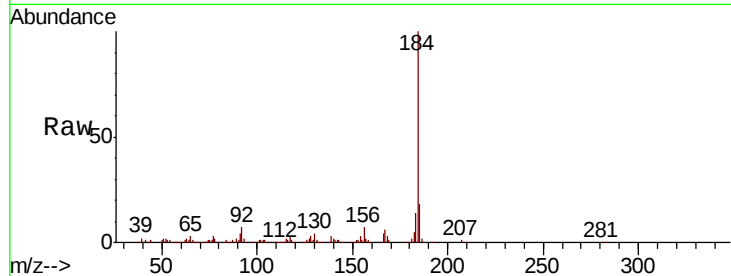
ClientSampleId :

ICVBG120919

Tot Ion	Ratio	Resp	Lower	Upper
184	100	698725		
185	17.8		12.9	19.3
183	14.1		10.3	15.5

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#78

Pyrene

Concen: 39.706 ng

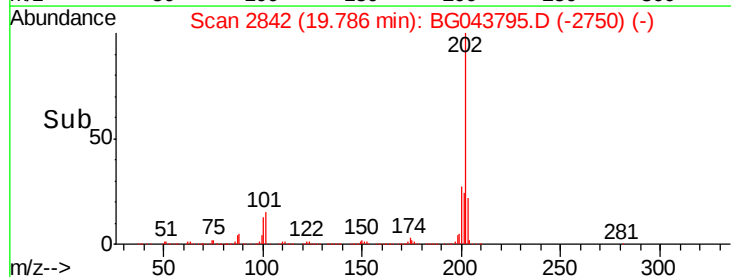
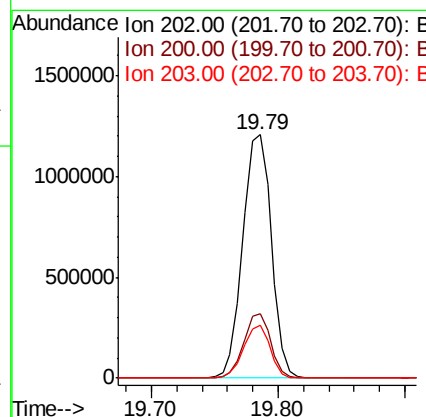
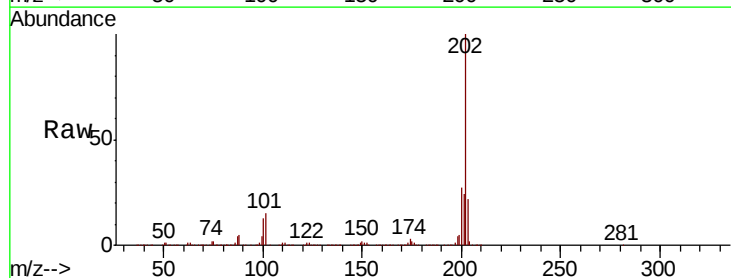
RT: 19.79 min Scan# 2842

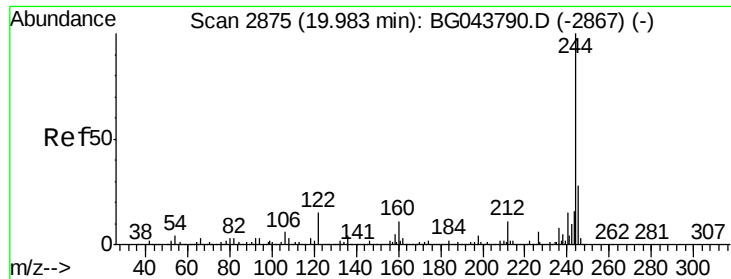
Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1883674		
200	26.7		20.8	31.2
203	21.8		17.7	26.5





#79

Terphenyl-d14

Concen: 81.522 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

ICVBG120919

Tot Ion:244 Resp: 2459916

Ion Ratio Lower Upper

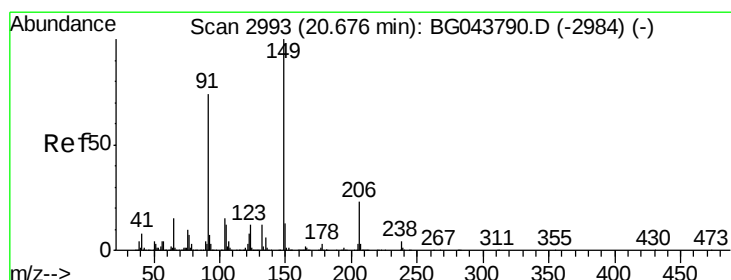
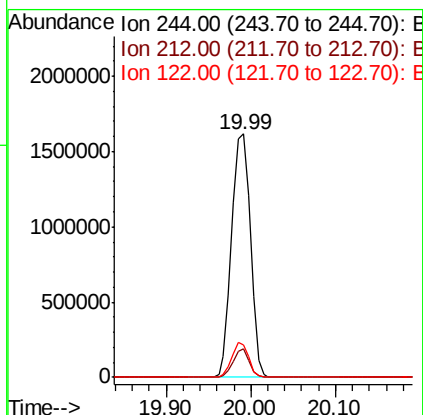
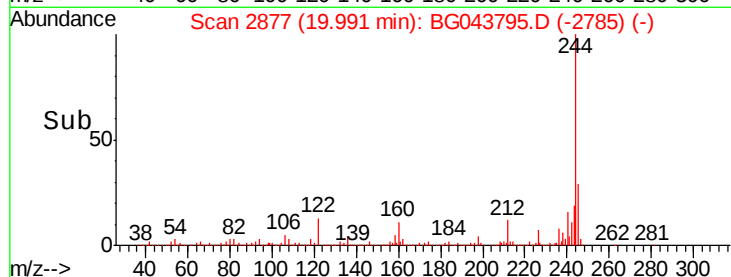
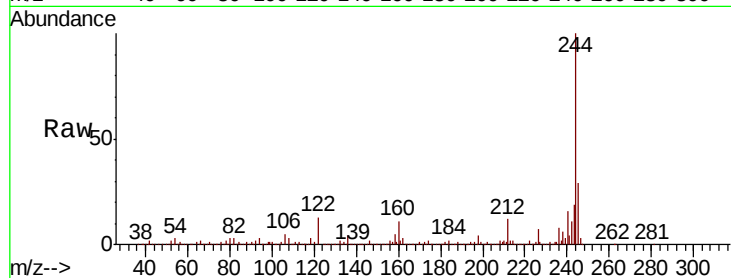
244 100

212 11.7 9.1 13.7

122 13.2 11.6 17.4

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#80

Butylbenzylphthalate

Concen: 42.074 ng

RT: 20.68 min Scan# 2995

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

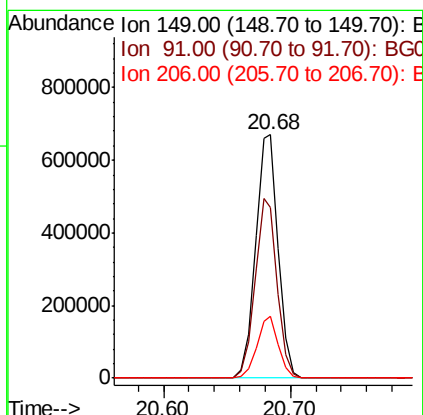
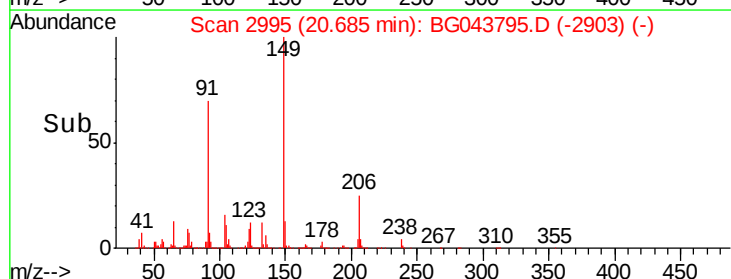
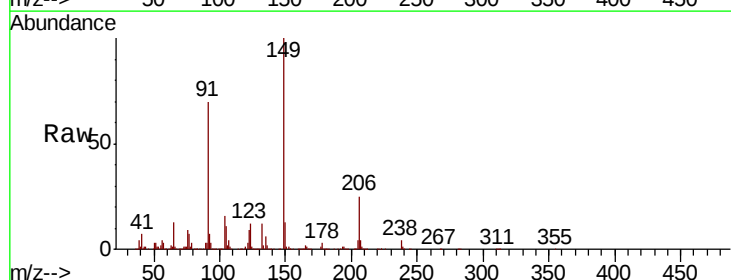
Tgt Ion:149 Resp: 831309

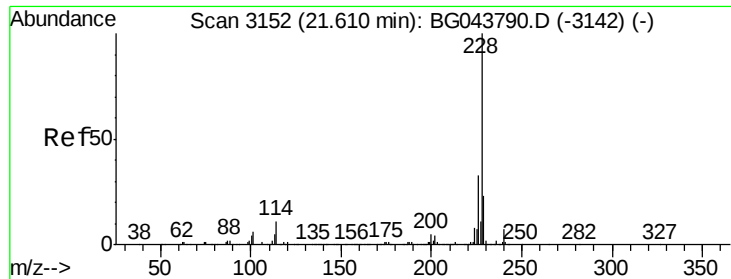
Ion Ratio Lower Upper

149 100

91 69.9 59.0 88.4

206 25.3 18.6 28.0





#81

Benzo(a)anthracene

Concen: 39.845 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

ClientSampleId :

ICVBG120919

Tot Ion:228 Resp: 1825570

Ion Ratio Lower Upper

228 100

226 33.0 26.1 39.1

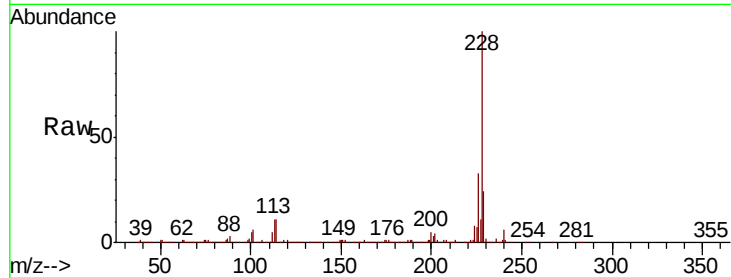
229 23.8 18.6 27.8

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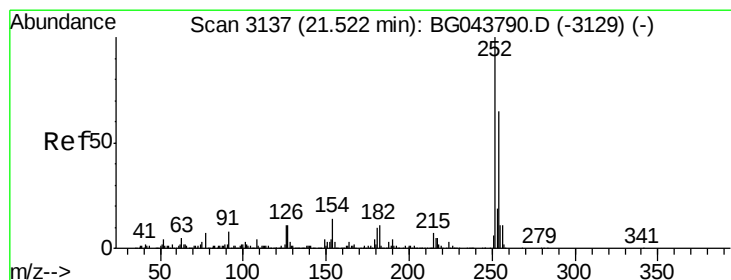
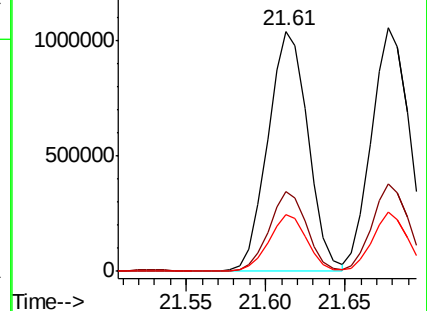
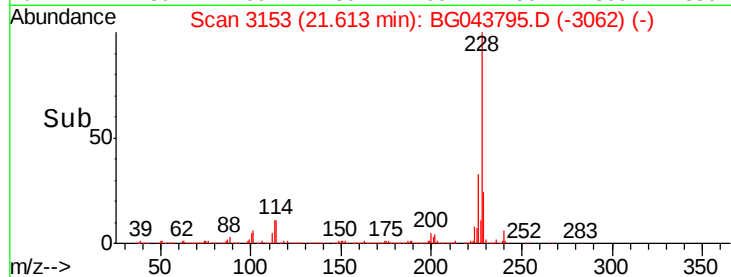
12/10/2019 11:51:11 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.879 ng

RT: 21.52 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

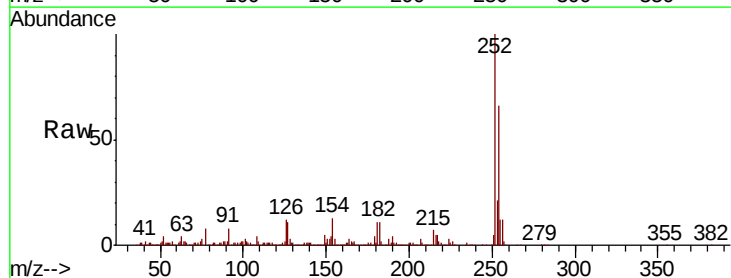
Tgt Ion:252 Resp: 674972

Ion Ratio Lower Upper

252 100

254 66.0 52.2 78.2

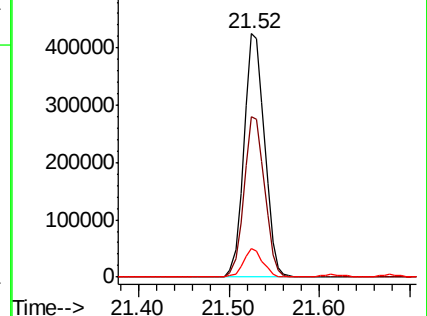
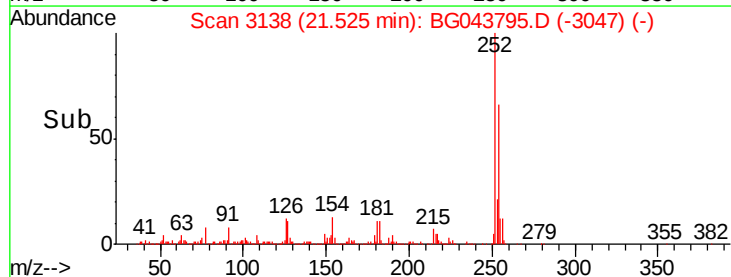
126 11.7 8.7 13.1

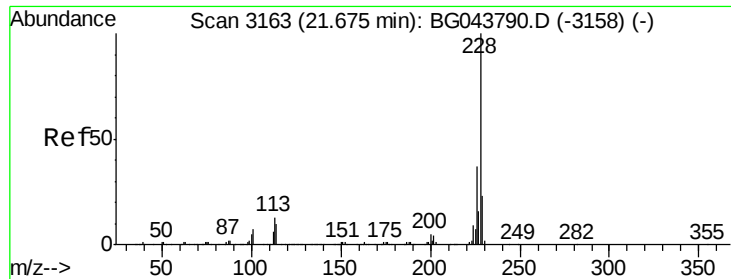


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





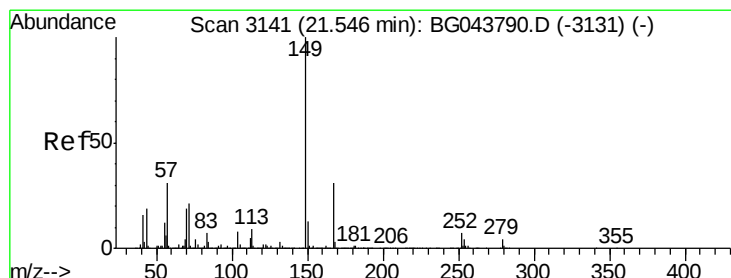
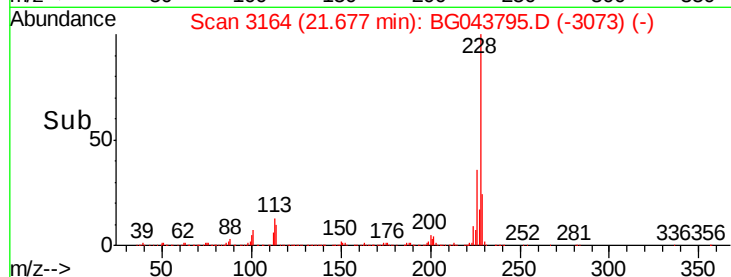
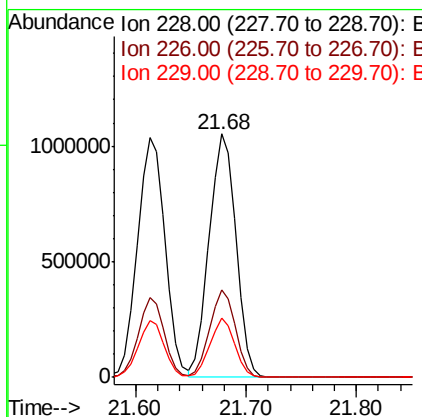
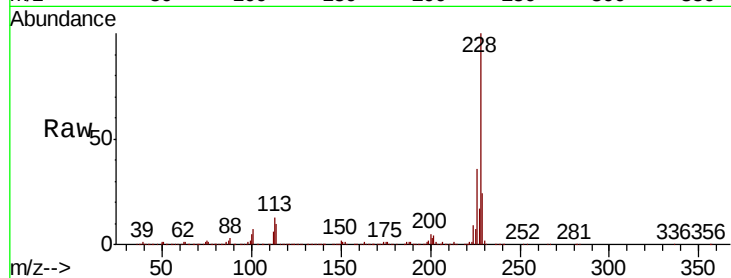
#83
 Chrvsene
 Concen: 40.135 ng
 RT: 21.68 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG120919

Tot Ion:228 Resp: 1751954
 Ion Ratio Lower Upper
 228 100
 226 35.8 29.1 43.7
 229 24.3 18.6 28.0

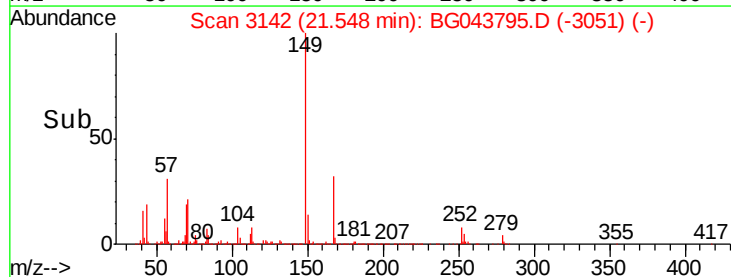
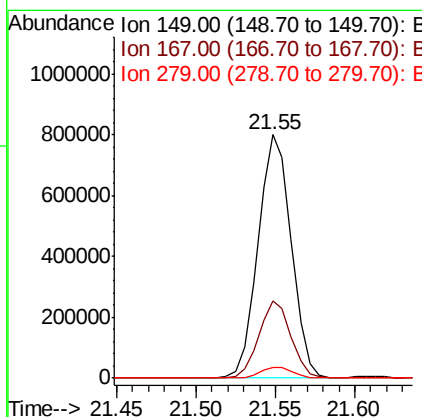
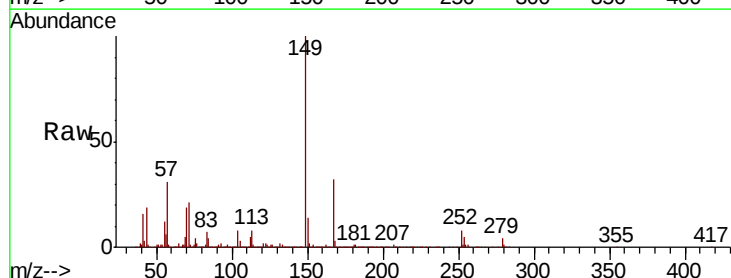
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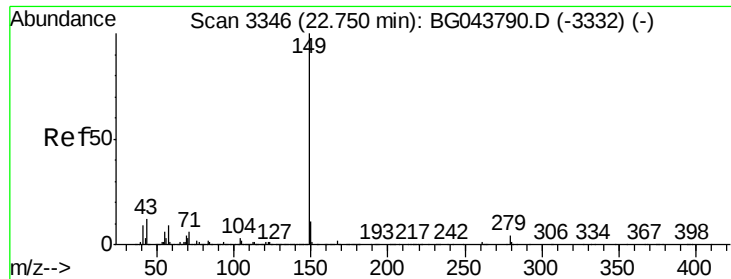
mohammad
 12/10/2019 11:51:11 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.017 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG043795.D
 Acq: 9 Dec 2019 18:07

Tgt Ion:149 Resp: 1162435
 Ion Ratio Lower Upper
 149 100
 167 31.9 25.1 37.7
 279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 42.566 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

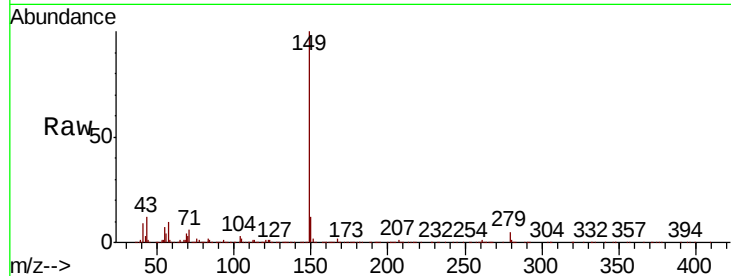
ClientSampleId :

ICVBG120919

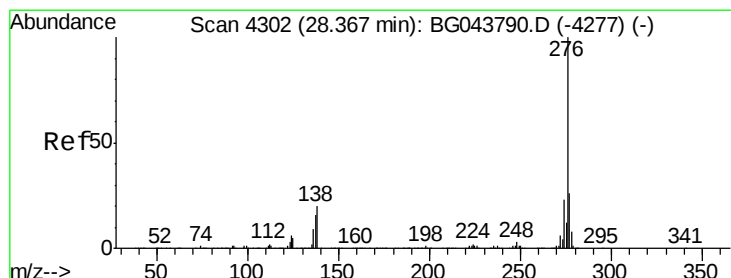
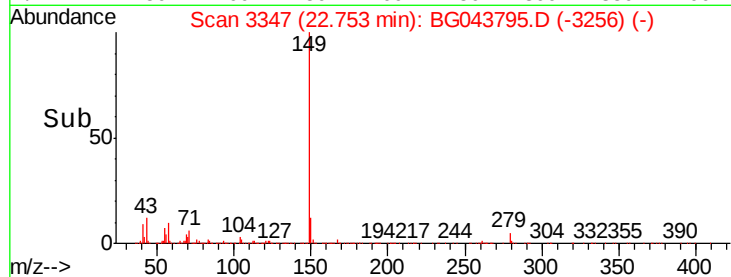
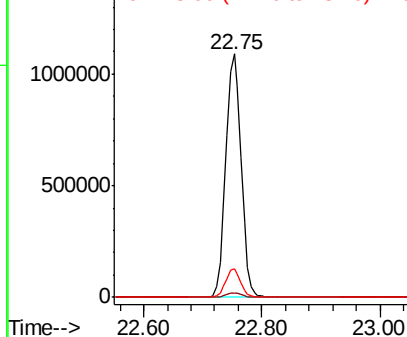
Tot Ion:	149	Resp:	1972125
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.2	8.8	13.2

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.802 ng

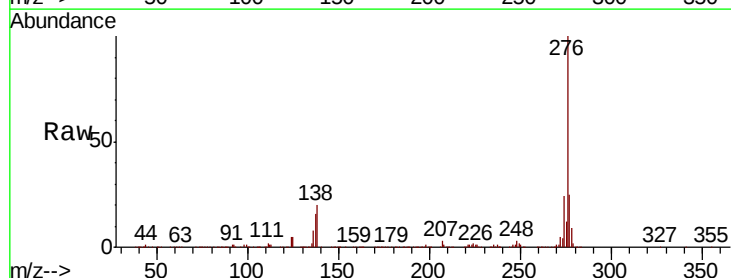
RT: 28.38 min Scan# 4305

Delta R.T. 0.01 min

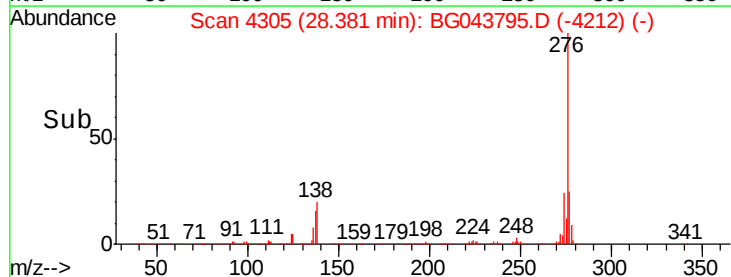
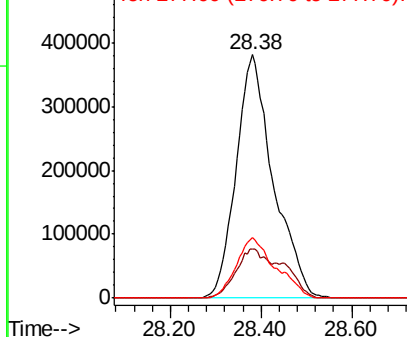
Lab File: BG043795.D

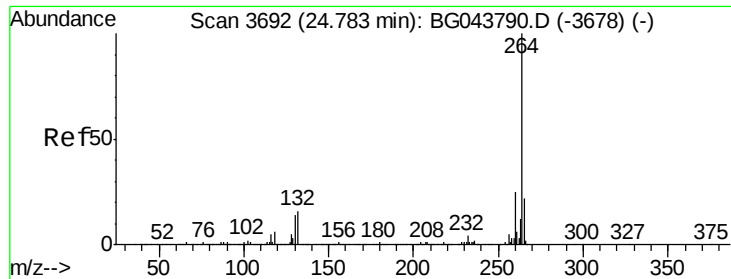
Acq: 9 Dec 2019 18:07

Tgt Ion:	276	Resp:	2167875
Ion	Ratio	Lower	Upper
276	100		
138	25.7	14.6	21.8#
277	26.4	21.2	31.8



Abundance Ion 276.00 (275.70 to 276.70): E
500000
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: 24.79 min Scan# 3694

Delta R.T. 0.01 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Instrument :

BNA_G

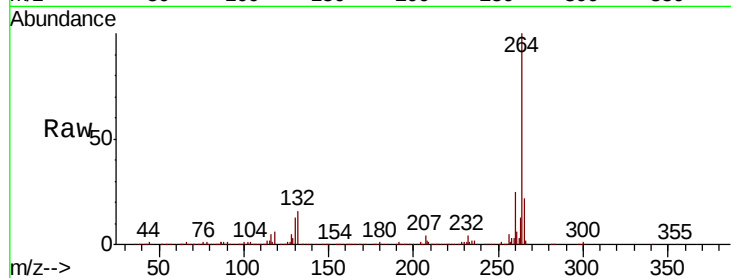
ClientSampleId :

ICVBG120919

Tot Ion:	264	Resp:	825335
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.8	29.8
265	22.1	17.9	26.9

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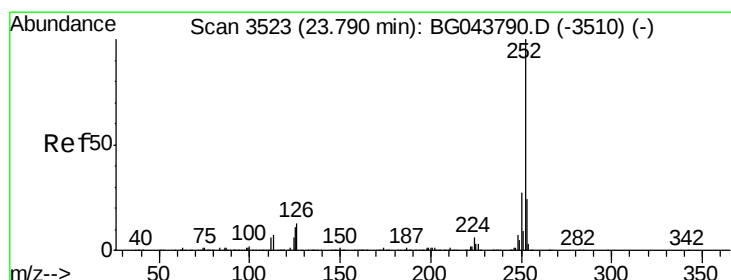
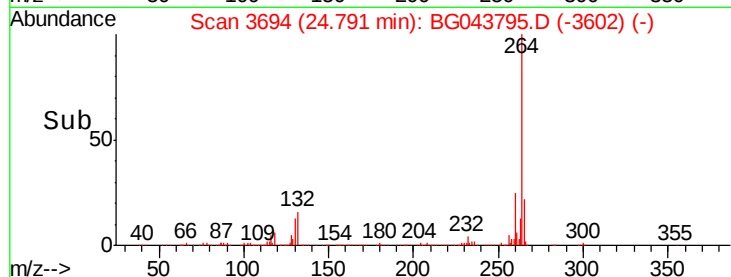
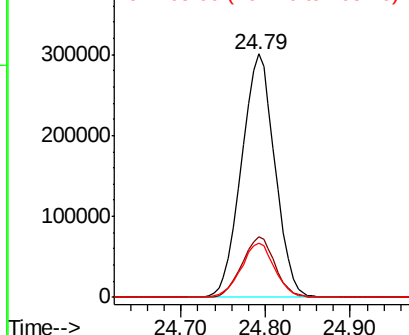


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.250 ng

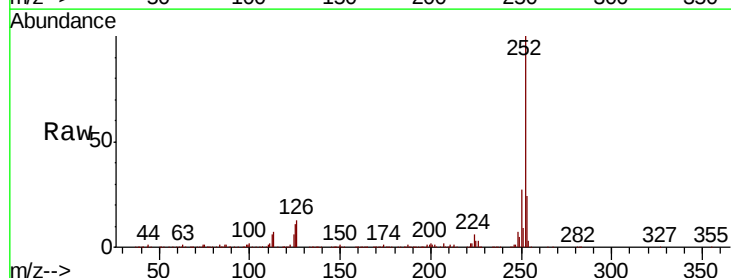
RT: 23.79 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BG043795.D

Acq: 9 Dec 2019 18:07

Tgt Ion:	252	Resp:	1865143
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.5	29.3
125	11.2	9.0	13.4

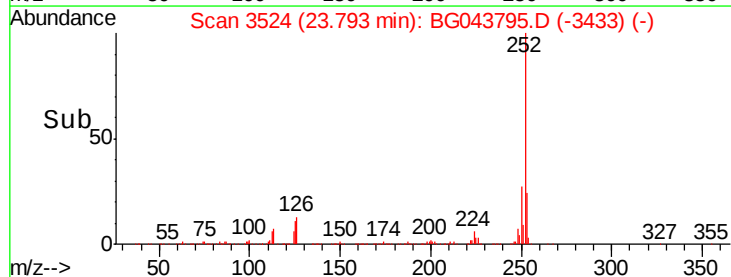
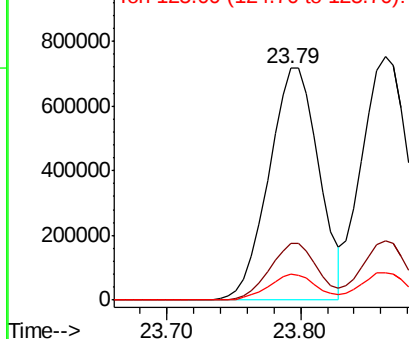


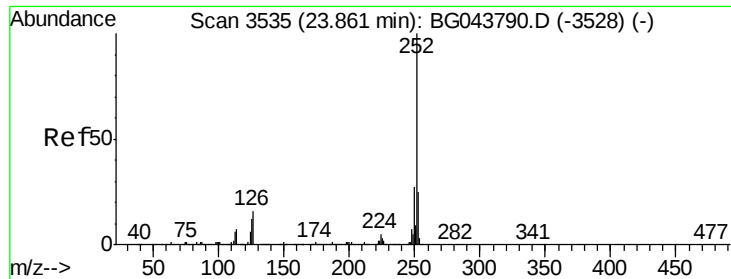
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





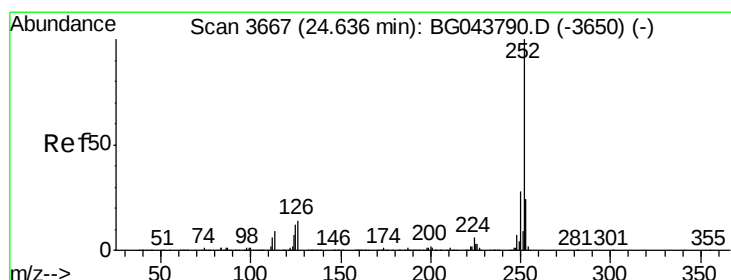
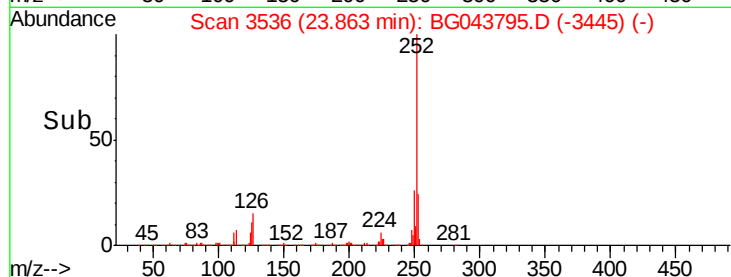
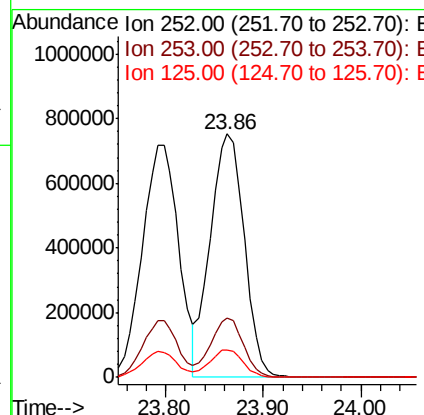
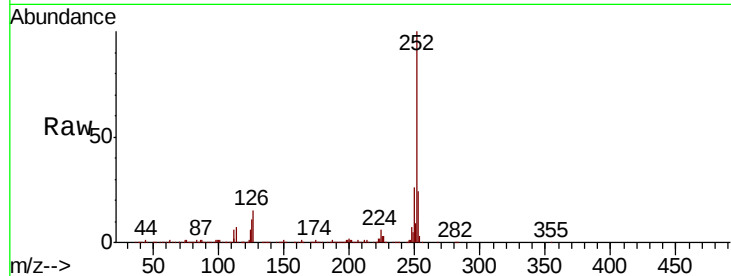
#89
Benzo(k)fluoranthene
Concen: 39.498 ng
RT: 23.86 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.0
125	11.4	8.9	13.3

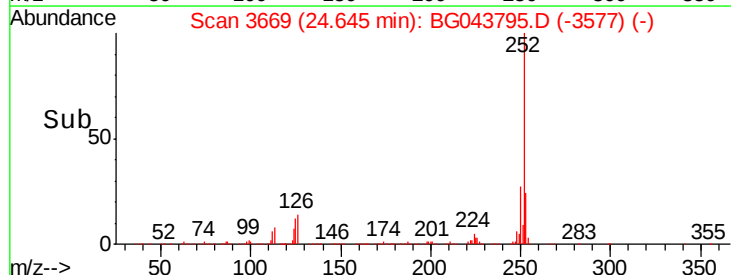
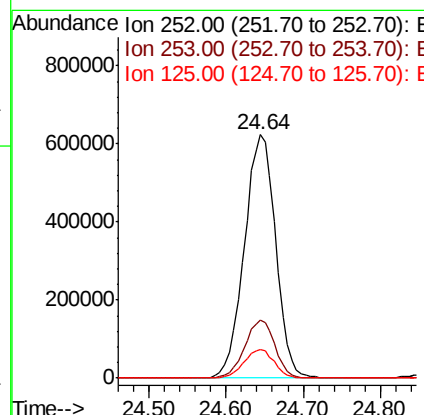
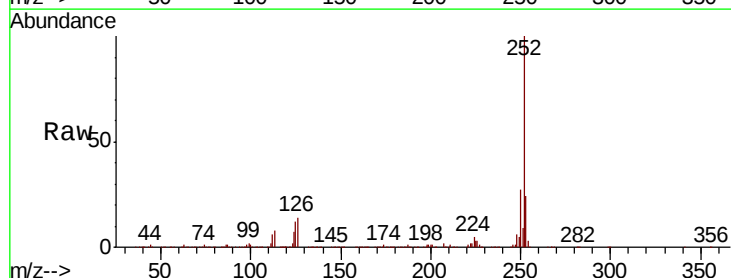
Manual Integrations
APPROVED

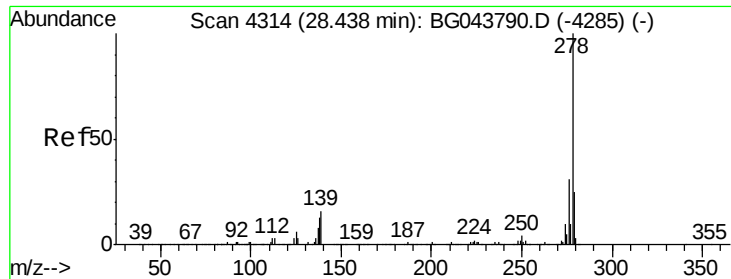
mohammad
12/10/2019 11:51:11 AM



#90
Benzo(a)pyrene
Concen: 39.163 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	11.7	9.4	14.0





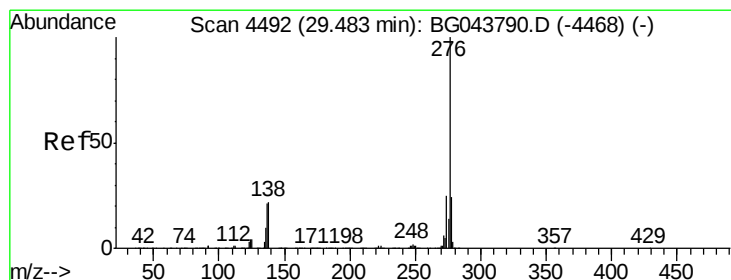
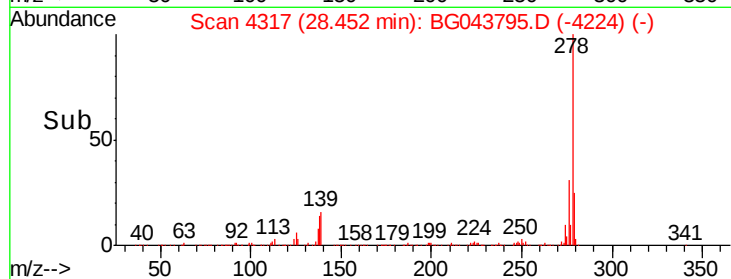
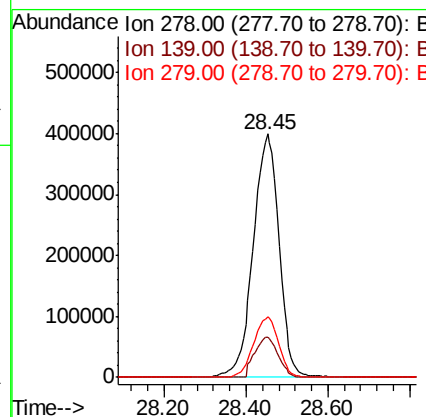
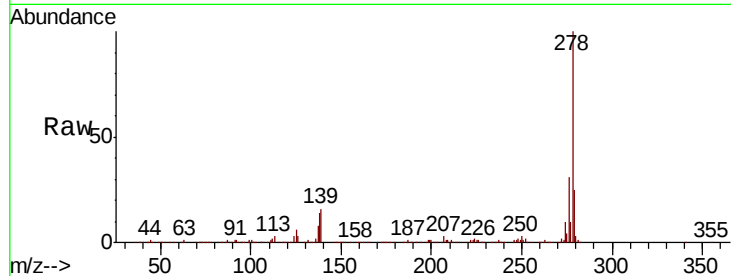
#91
Dibenzo(a,h)anthracene
Concen: 38.704 ng
RT: 28.45 min Scan# 4317
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.2	19.8
279	25.1	19.8	29.6

Manual Integrations
APPROVED

mohammad
12/10/2019 11:51:11 AM



#92
Benzo(g,h,i)perylene
Concen: 38.558 ng
RT: 29.49 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BG043795.D
Acq: 9 Dec 2019 18:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	21.7	17.6	26.4

